

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043120.D
 Acq On : 24 Sep 2024 14:16
 Operator : JC/MD
 Sample : VX0924WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	109139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89805	49.538	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.080%		
35) Dibromofluoromethane	5.385	113	66830	47.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.760%		
50) Toluene-d8	8.647	98	220037	46.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.200%		
62) 4-Bromofluorobenzene	11.079	95	90927	47.815	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20498	17.612	ug/l	99
3) Chloromethane	1.300	50	20687	17.409	ug/l	95
4) Vinyl Chloride	1.374	62	21906	18.149	ug/l	97
5) Bromomethane	1.605	94	15554	22.399	ug/l	97
6) Chloroethane	1.691	64	14646	18.952	ug/l	98
7) Trichlorofluoromethane	1.892	101	38541	17.989	ug/l	97
8) Diethyl Ether	2.136	74	14585	20.276	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	22292	18.434	ug/l	100
10) Methyl Iodide	2.453	142	27929	19.432	ug/l	99
11) Tert butyl alcohol	2.959	59	41594	102.761	ug/l	99
12) 1,1-Dichloroethene	2.318	96	21986	19.008	ug/l	98
13) Acrolein	2.239	56	4345	81.479	ug/l	93
14) Allyl chloride	2.666	41	39807	18.534	ug/l	99
15) Acrylonitrile	3.062	53	75517	107.556	ug/l	97
16) Acetone	2.379	43	72018	84.947	ug/l	97
17) Carbon Disulfide	2.514	76	50146	17.441	ug/l	98
18) Methyl Acetate	2.703	43	53242	23.332	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	93576	21.232	ug/l	95
20) Methylene Chloride	2.788	84	26053	19.315	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22623	18.902	ug/l	97
22) Diisopropyl ether	3.763	45	83732	20.820	ug/l	88
23) Vinyl Acetate	3.721	43	490660	103.714	ug/l	98
24) 1,1-Dichloroethane	3.611	63	46050	19.805	ug/l	99
25) 2-Butanone	4.556	43	108305	99.101	ug/l	98
26) 2,2-Dichloropropane	4.477	77	41375	17.581	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	30065	20.178	ug/l	98
28) Bromochloromethane	4.897	49	23559	23.017	ug/l	98
29) Tetrahydrofuran	5.001	42	67927	103.351	ug/l	98
30) Chloroform	5.092	83	51277	20.001	ug/l	97
31) Cyclohexane	5.470	56	33961	19.049	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	46749	19.250	ug/l	99
36) 1,1-Dichloropropene	5.696	75	30973	18.060	ug/l	99
37) Ethyl Acetate	4.714	43	41109	19.083	ug/l	99
38) Carbon Tetrachloride	5.678	117	37995	17.198	ug/l	99
39) Methylcyclohexane	7.379	83	36412	16.917	ug/l	96
40) Benzene	6.037	78	95795	18.929	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23181	21.645	ug/l	99
42) 1,2-Dichloroethane	6.086	62	42101	19.593	ug/l	100
43) Isopropyl Acetate	6.342	43	72226	20.073	ug/l	100
44) Trichloroethene	7.123	130	25411	18.352	ug/l	97
45) 1,2-Dichloropropane	7.433	63	24847	19.712	ug/l	93
46) Dibromomethane	7.580	93	20526	19.338	ug/l	99
47) Bromodichloromethane	7.818	83	42645	19.322	ug/l	98
48) Methyl methacrylate	7.696	41	34517	19.531	ug/l	98
49) 1,4-Dioxane	7.659	88	13651	409.164	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	222843	100.813	ug/l	99
52) Toluene	8.720	92	62093	19.052	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	43220	19.076	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	44175	19.523	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	27404	20.422	ug/l	96
56) Ethyl methacrylate	9.116	69	47020	20.137	ug/l	99
57) 1,3-Dichloropropane	9.305	76	45228	19.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	81941	86.789	ug/l	100
59) 2-Hexanone	9.427	43	173497	100.380	ug/l	100
60) Dibromochloromethane	9.518	129	34272	19.557	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29781	20.283	ug/l	100
64) Tetrachloroethene	9.275	164	22976	17.494	ug/l	92
65) Chlorobenzene	10.079	112	70962	18.148	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	26541	18.402	ug/l	99
67) Ethyl Benzene	10.195	91	123272	18.225	ug/l	98
68) m/p-Xylenes	10.299	106	91134	36.204	ug/l	97
69) o-Xylene	10.640	106	45977	18.211	ug/l	100
70) Styrene	10.652	104	78256	18.582	ug/l	99
71) Bromoform	10.799	173	23110	18.218	ug/l #	99
73) Isopropylbenzene	10.963	105	121429	17.851	ug/l	100
74) N-amyl acetate	10.841	43	61372	19.202	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42372	19.358	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	36504m	18.930	ug/l	
77) Bromobenzene	11.195	156	30324	18.570	ug/l	98
78) n-propylbenzene	11.305	91	138446	17.939	ug/l	100
79) 2-Chlorotoluene	11.366	91	85435	17.650	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	101024	17.950	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14401	17.793	ug/l	99
82) 4-Chlorotoluene	11.451	91	100186	18.108	ug/l	98
83) tert-Butylbenzene	11.713	119	101543	17.510	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	101477	18.124	ug/l	99
85) sec-Butylbenzene	11.890	105	123375	17.310	ug/l	100
86) p-Isopropyltoluene	12.006	119	104183	17.606	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	54160	18.190	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55367	18.544	ug/l	100
89) n-Butylbenzene	12.329	91	92567	17.949	ug/l	99
90) Hexachloroethane	12.536	117	19629	16.645	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	54139	18.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11469	19.380	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	32916	18.106	ug/l	96
94) Hexachlorobutadiene	13.725	225	12297	16.100	ug/l	94
95) Naphthalene	13.774	128	123534	19.550	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	33780	18.702	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

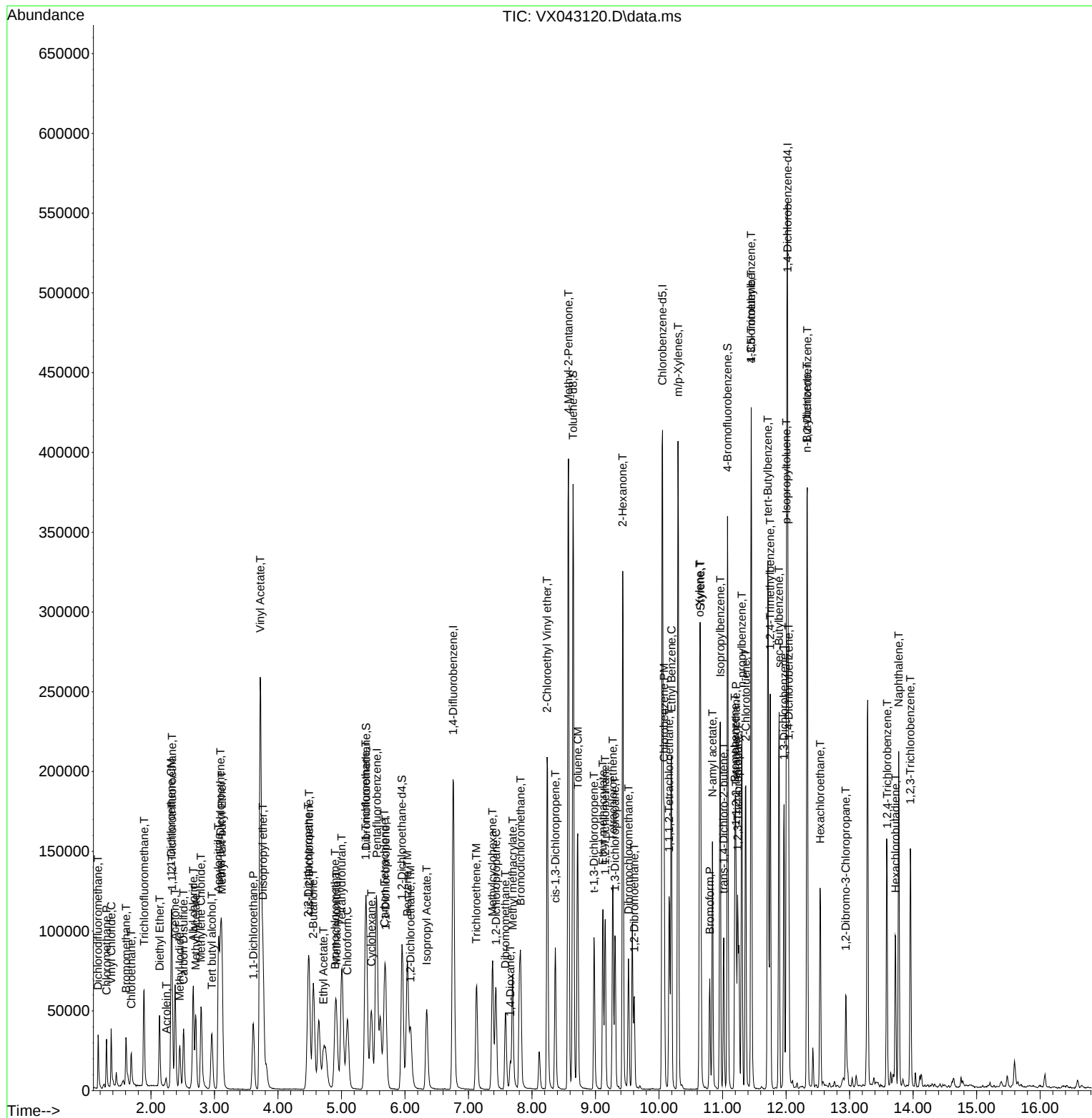
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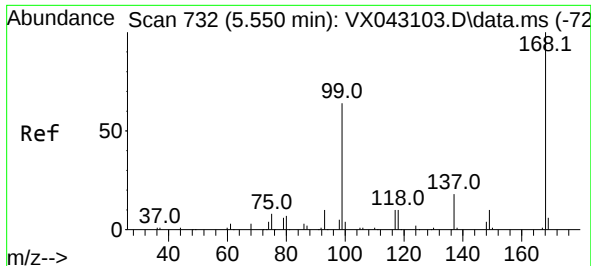
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Sep 25 01:27:30 2024
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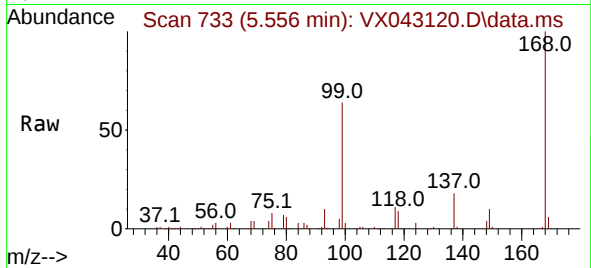
Reviewed By : John Carlone 09/25/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043120.D
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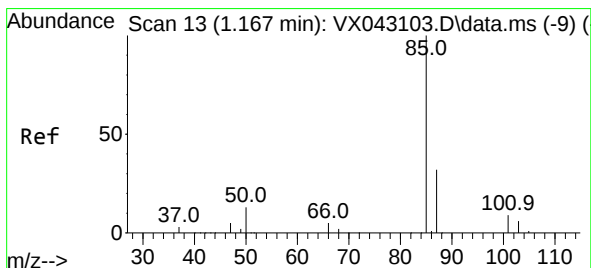
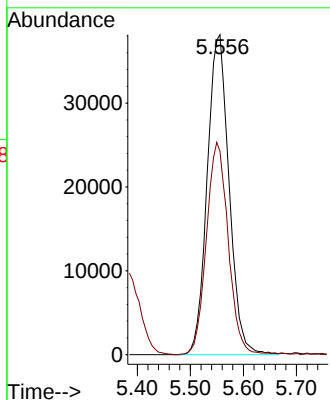
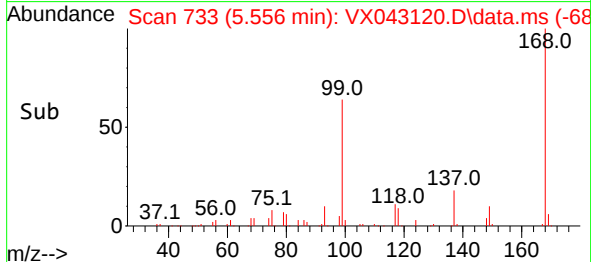
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion:168 Resp: 109139
Ion Ratio Lower Upper
168 100
99 63.6 50.8 76.2

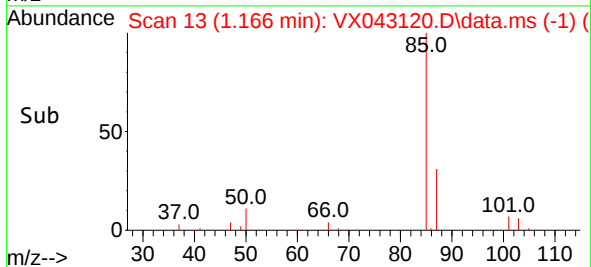
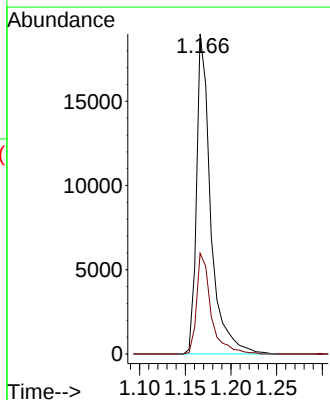
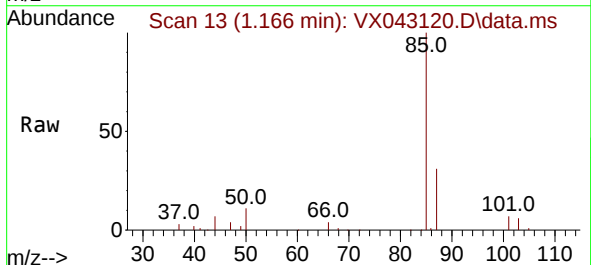
Manual Integrations
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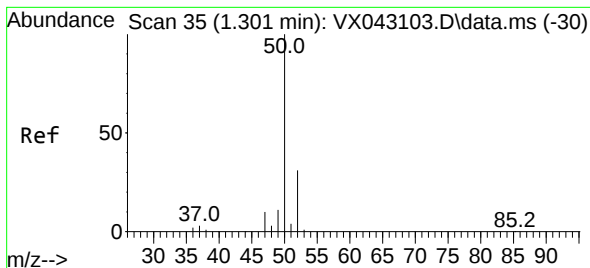
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#2
Dichlorodifluoromethane
Concen: 17.612 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 85 Resp: 20498
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#3

Chloromethane

Concen: 17.409 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 50 Resp: 2068

Ion Ratio Lower Upper

50 100

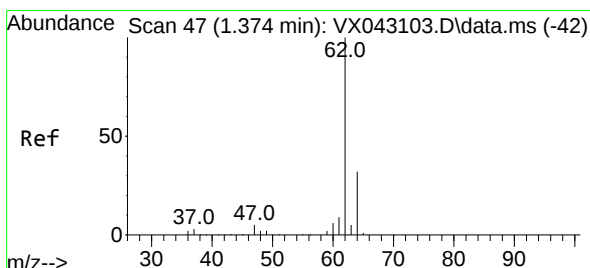
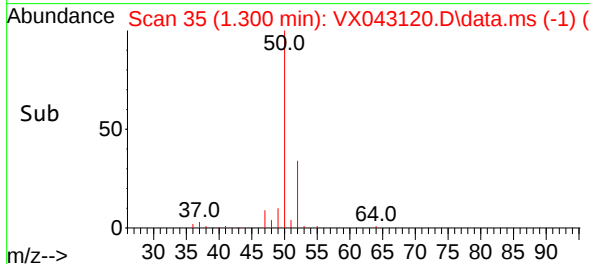
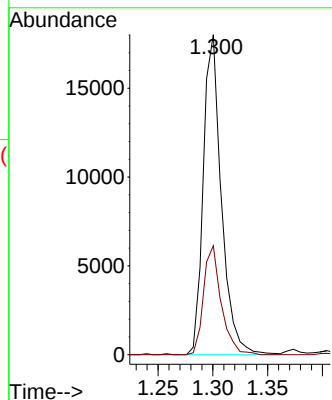
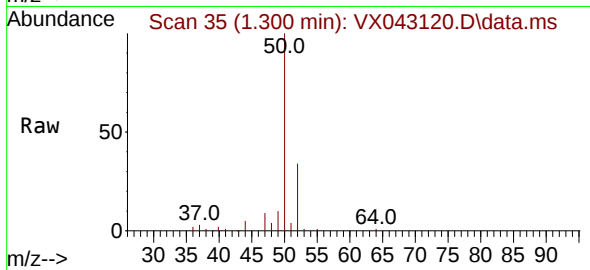
52 34.1 25.1 37.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 09/25/2024



#4

Vinyl Chloride

Concen: 18.149 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043120.D

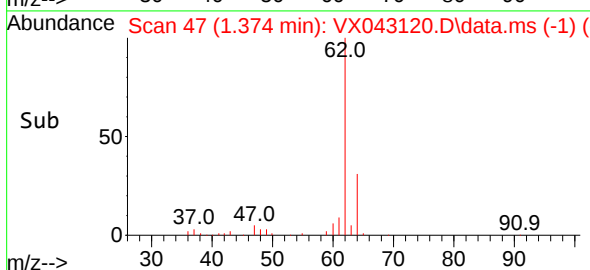
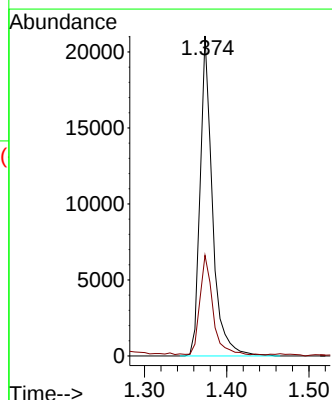
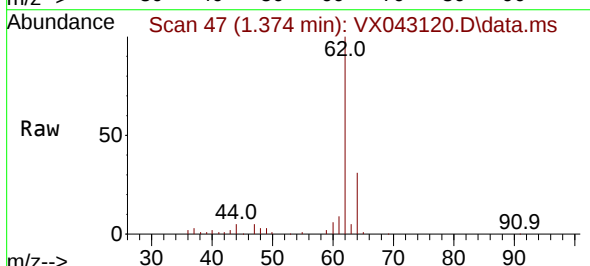
Acq: 24 Sep 2024 14:16

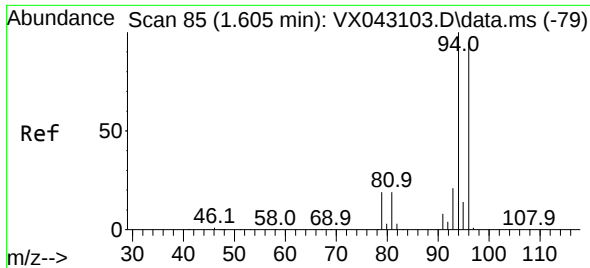
Tgt Ion: 62 Resp: 21906

Ion Ratio Lower Upper

62 100

64 30.8 26.0 39.0





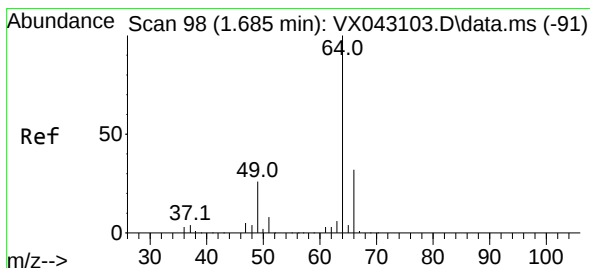
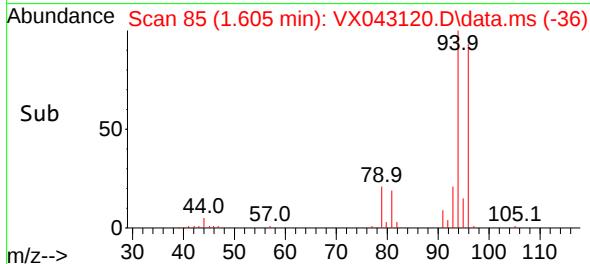
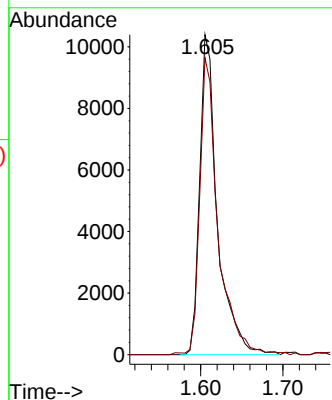
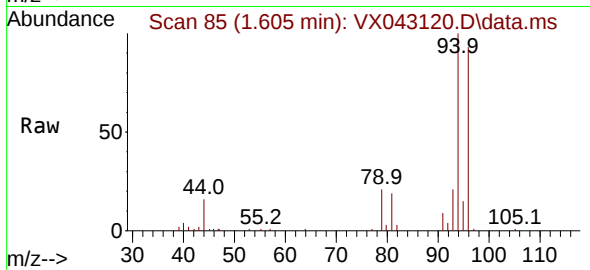
#5
 Bromomethane
 Concen: 22.399 ug/l
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX043120.D
 Acq: 24 Sep 2024 14:16

Instrument :
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Tgt Ion: 94 Resp: 15554
 Ion Ratio Lower Upper
 94 100
 96 92.3 76.2 114.4

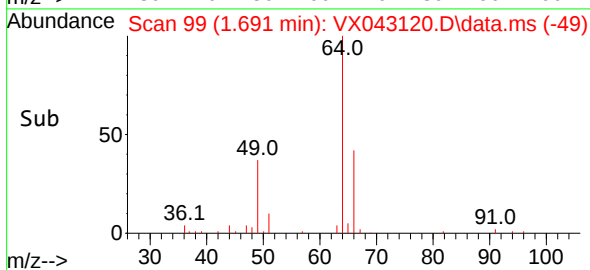
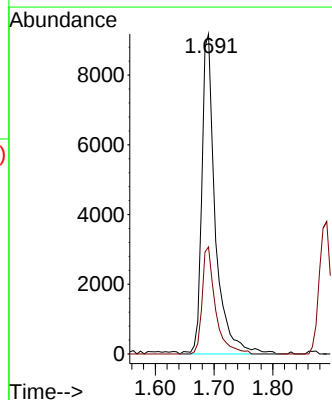
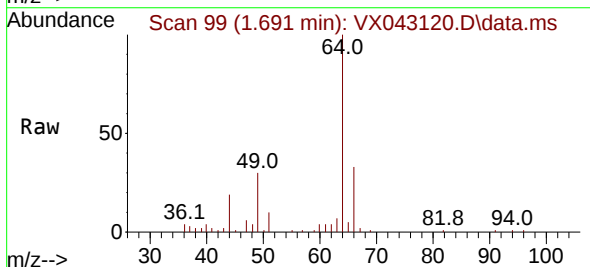
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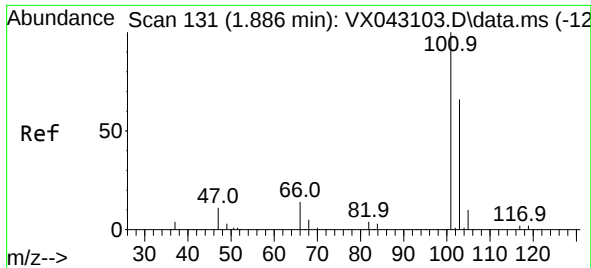
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#6
 Chloroethane
 Concen: 18.952 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. 0.006 min
 Lab File: VX043120.D
 Acq: 24 Sep 2024 14:16

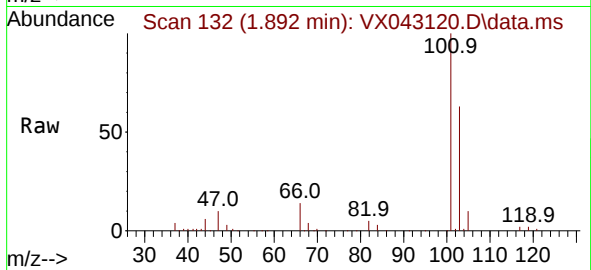
Tgt Ion: 64 Resp: 14646
 Ion Ratio Lower Upper
 64 100
 66 33.5 25.8 38.6





#7
Trichlorofluoromethane
Concen: 17.989 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

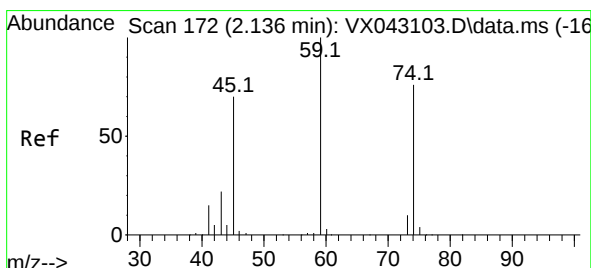
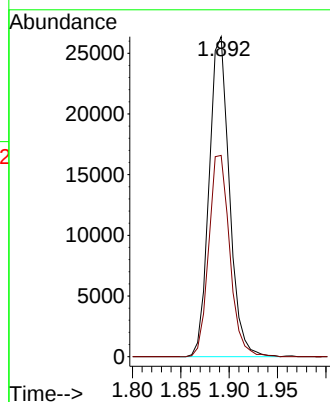
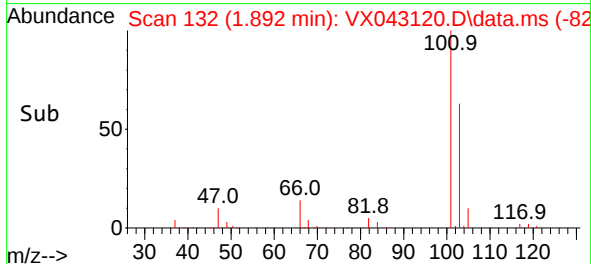
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion:101 Resp: 3854
Ion Ratio Lower Upper
101 100
103 62.9 52.4 78.6

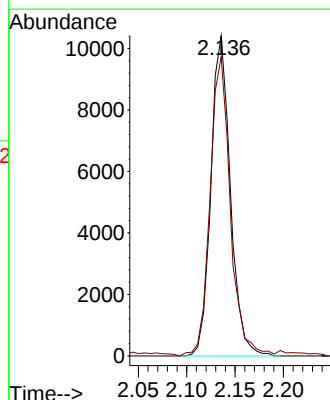
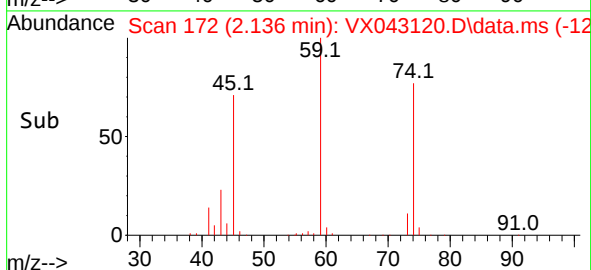
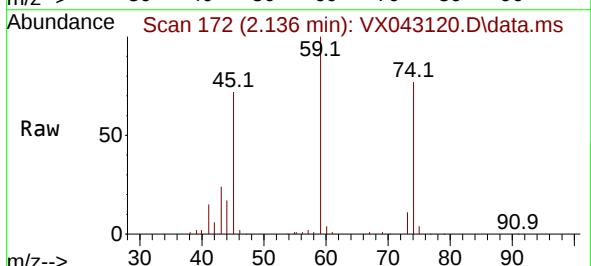
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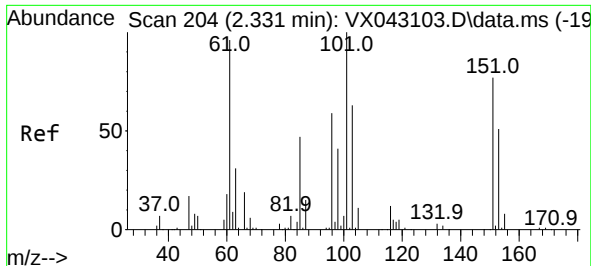
Reviewed By :John Carlone 09/25/2024
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#8
Diethyl Ether
Concen: 20.276 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 74 Resp: 14585
Ion Ratio Lower Upper
74 100
45 97.0 48.6 145.8





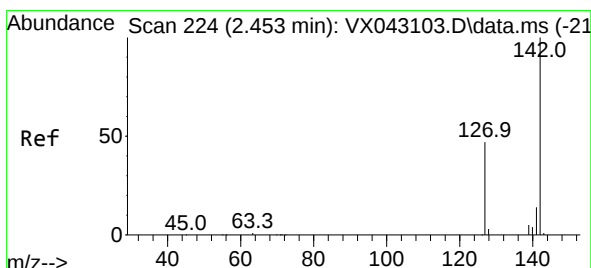
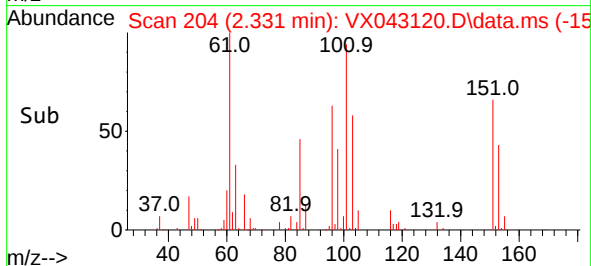
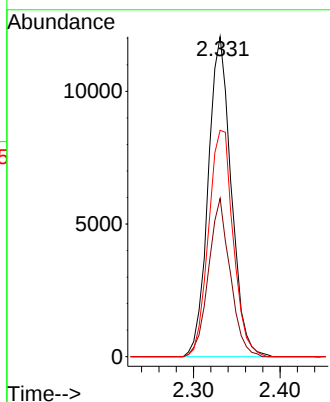
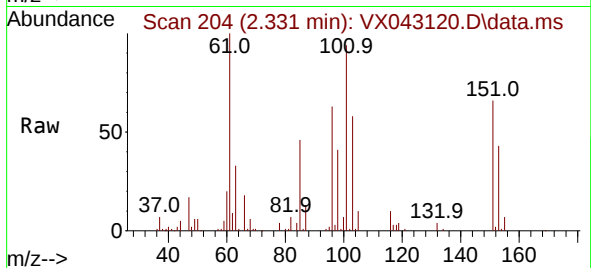
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.434 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion:101 Resp: 2229
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.4
151 75.6 60.2 90.4

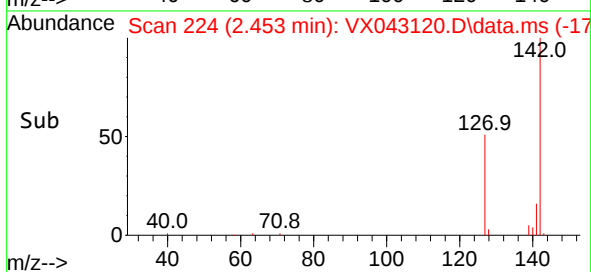
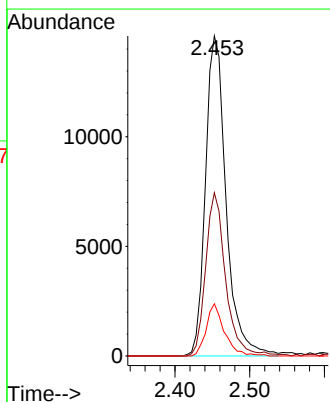
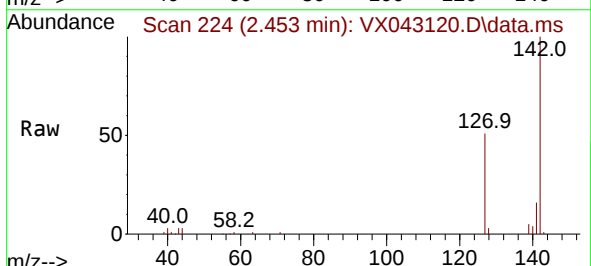
Manual Integrations
APPROVED

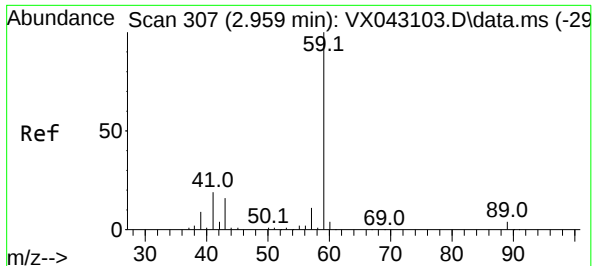
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#10
Methyl Iodide
Concen: 19.432 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion:142 Resp: 27929
Ion Ratio Lower Upper
142 100
127 49.5 38.9 58.3
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 102.761 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 59 Resp: 41594

Ion Ratio Lower Upper

59 100

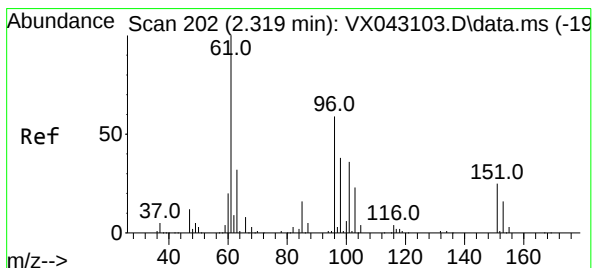
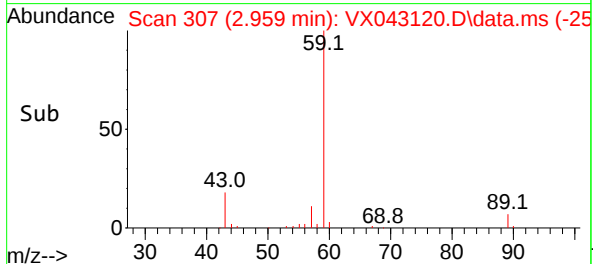
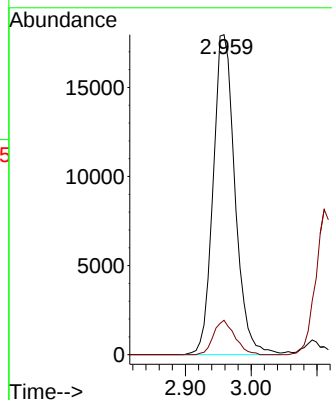
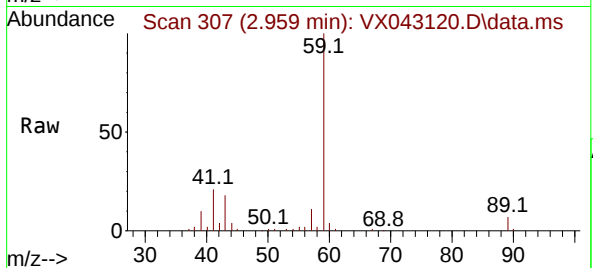
57 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#12

1,1-Dichloroethene

Concen: 19.008 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

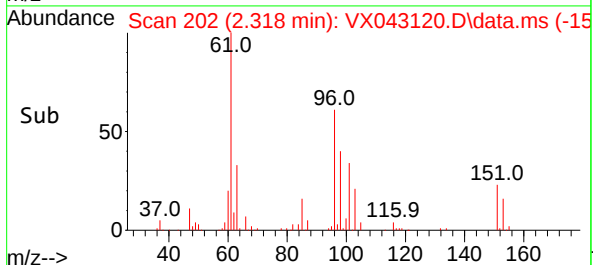
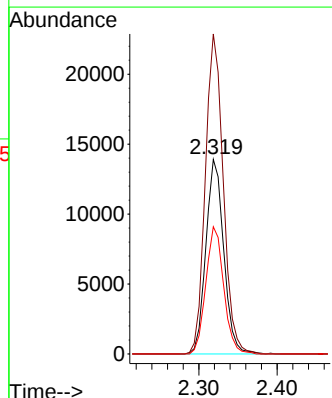
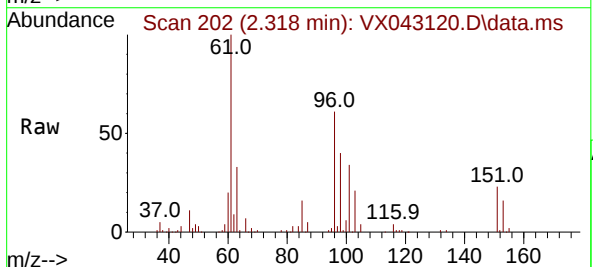
Tgt Ion: 96 Resp: 21986

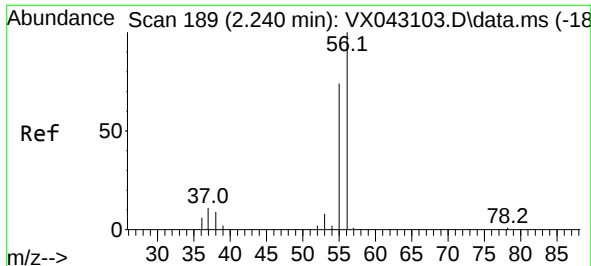
Ion Ratio Lower Upper

96 100

61 164.5 134.7 202.1

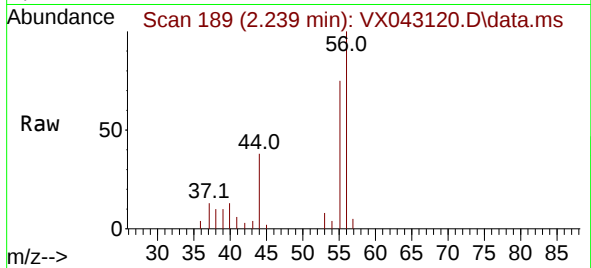
98 65.4 51.6 77.4





#13
Acrolein
Concen: 81.479 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

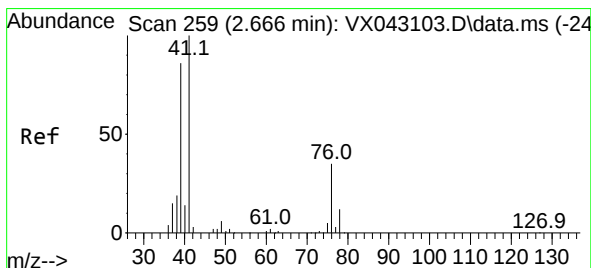
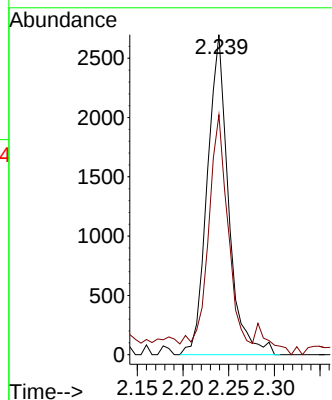
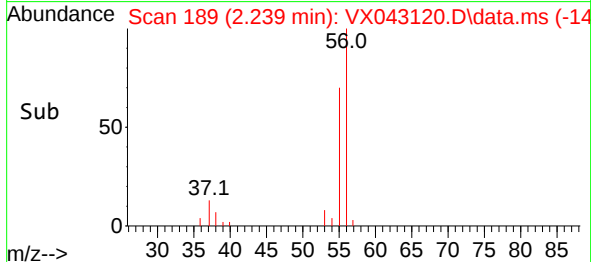
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion: 56 Resp: 4345
Ion Ratio Lower Upper
56 100
55 64.1 55.8 83.6

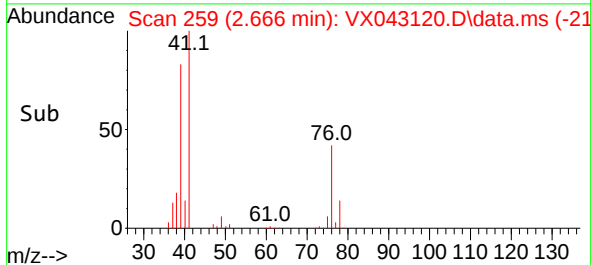
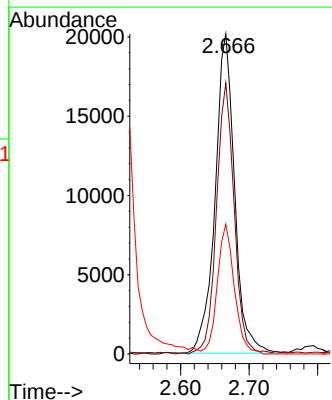
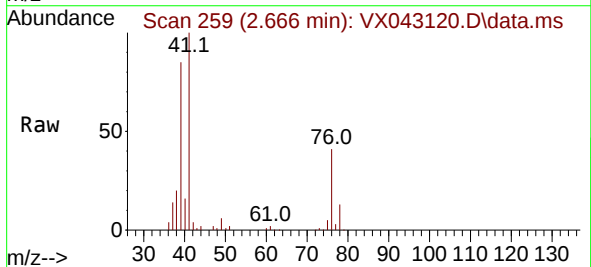
Manual Integrations
APPROVED

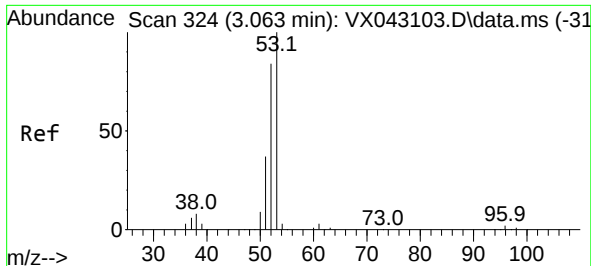
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#14
Allyl chloride
Concen: 18.534 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

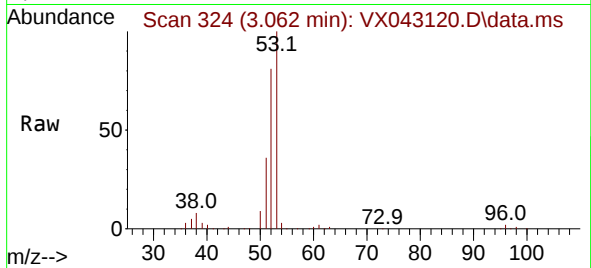
Tgt Ion: 41 Resp: 39807
Ion Ratio Lower Upper
41 100
39 77.2 61.7 92.5
76 35.3 29.0 43.6





#15
Acrylonitrile
Concen: 107.556 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

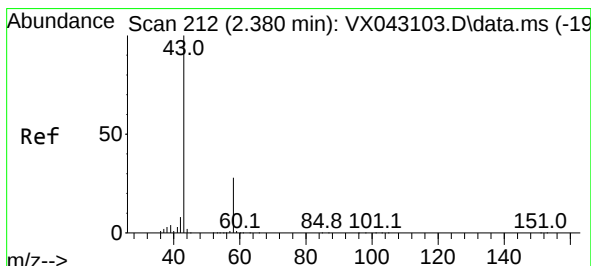
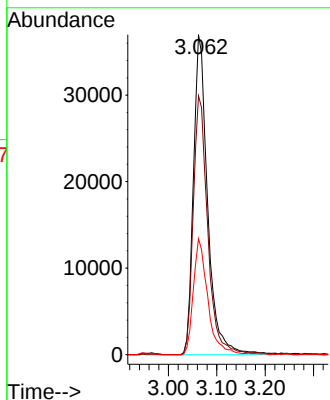
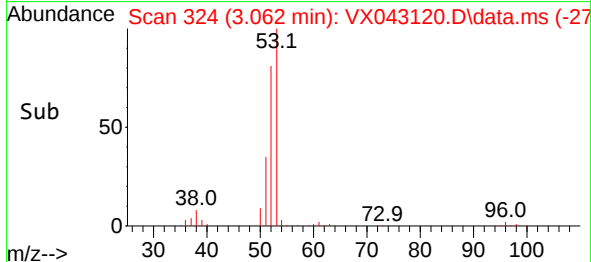
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion: 53 Resp: 7551
Ion Ratio Lower Upper
53 100
52 81.7 67.8 101.6
51 36.8 30.6 45.8

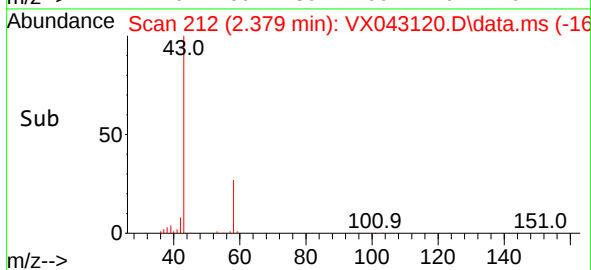
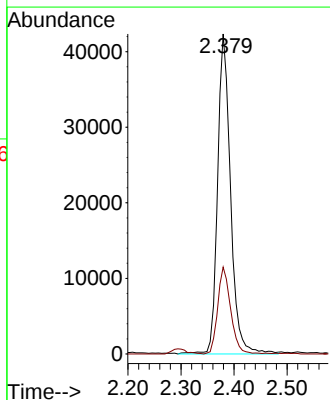
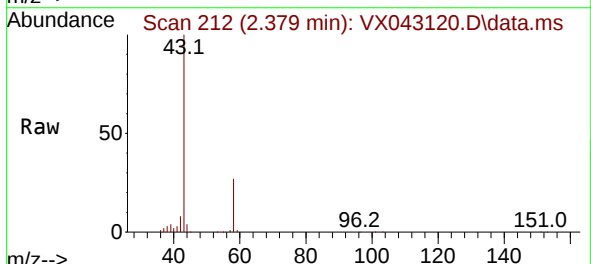
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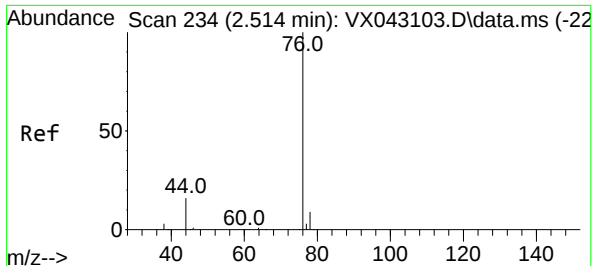
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#16
Acetone
Concen: 84.947 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 43 Resp: 72018
Ion Ratio Lower Upper
43 100
58 26.9 22.6 34.0





#17

Carbon Disulfide

Concen: 17.441 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 76 Resp: 50140

Ion Ratio Lower Upper

76 100

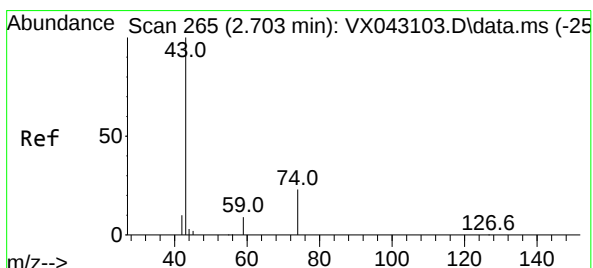
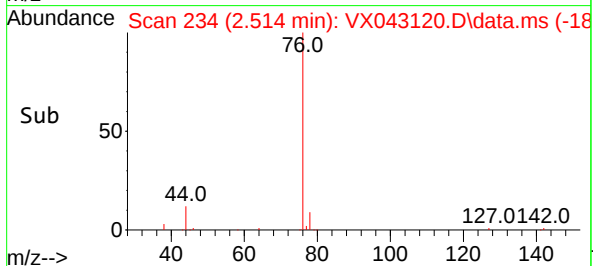
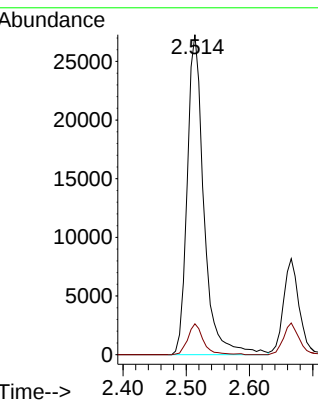
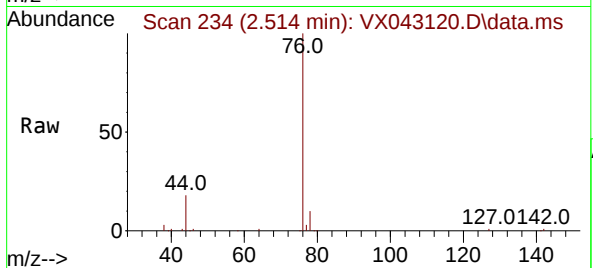
78 9.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#18

Methyl Acetate

Concen: 23.332 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX043120.D

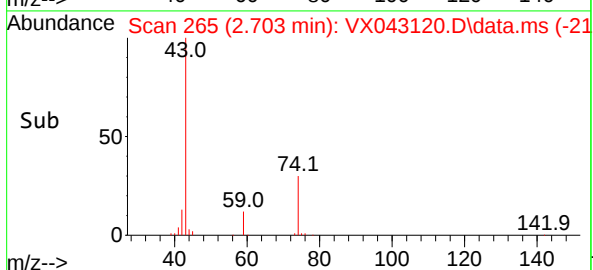
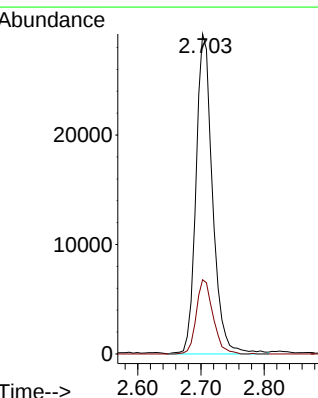
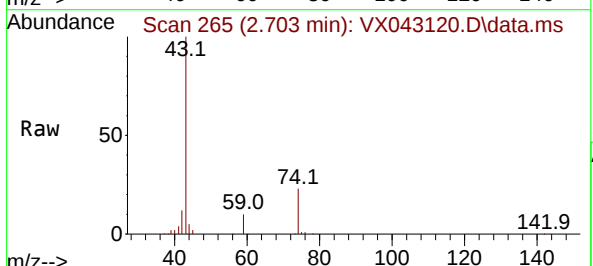
Acq: 24 Sep 2024 14:16

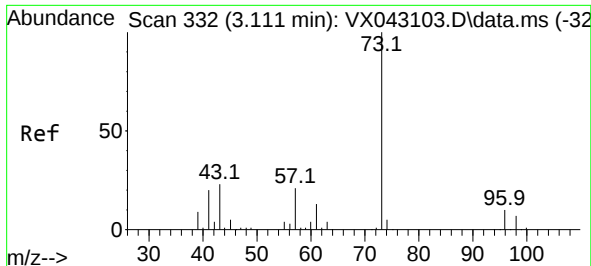
Tgt Ion: 43 Resp: 53242

Ion Ratio Lower Upper

43 100

74 23.4 19.2 28.8





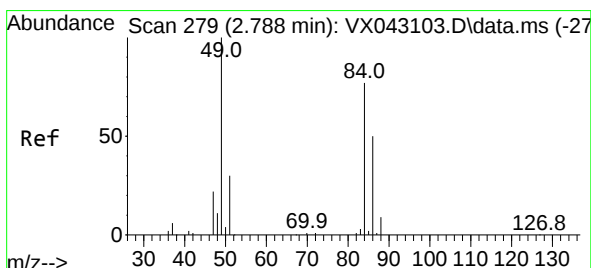
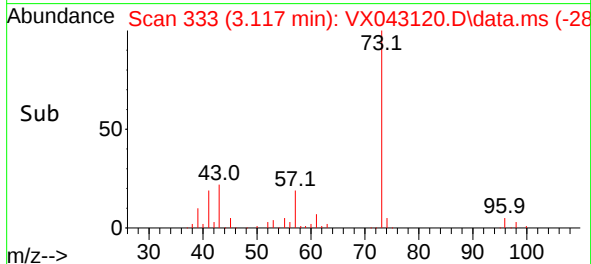
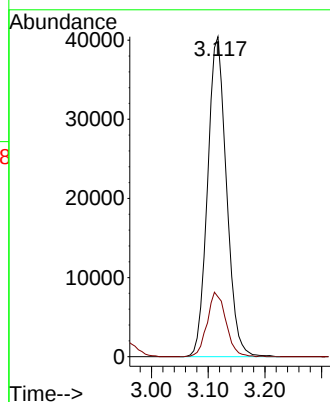
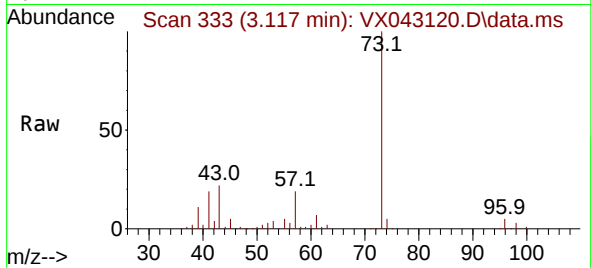
#19
Methyl tert-butyl Ether
Concen: 21.232 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion: 73 Resp: 93570
Ion Ratio Lower Upper
73 100
57 18.7 17.0 25.4

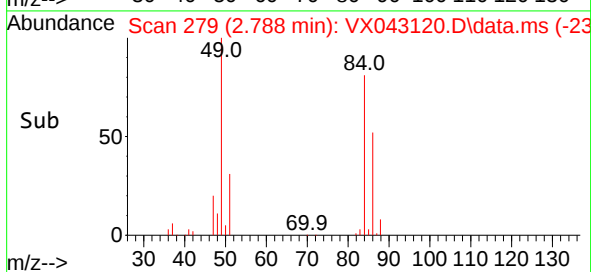
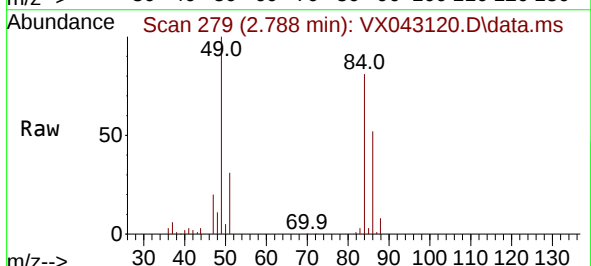
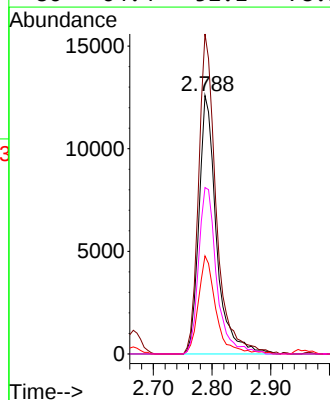
Manual Integrations
APPROVED

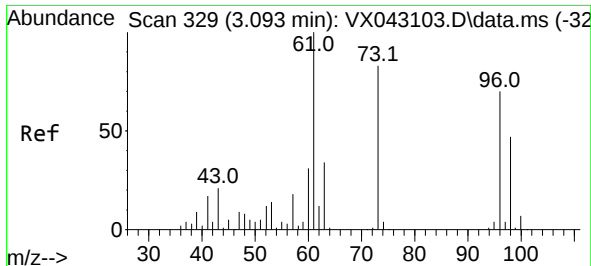
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#20
Methylene Chloride
Concen: 19.315 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

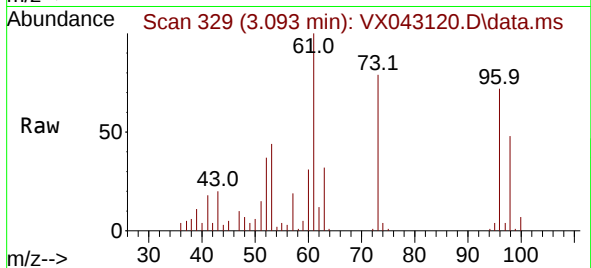
Tgt Ion: 84 Resp: 26053
Ion Ratio Lower Upper
84 100
49 123.8 104.1 156.1
51 38.0 31.1 46.7
86 64.4 52.1 78.1





#21
trans-1,2-Dichloroethene
Concen: 18.902 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

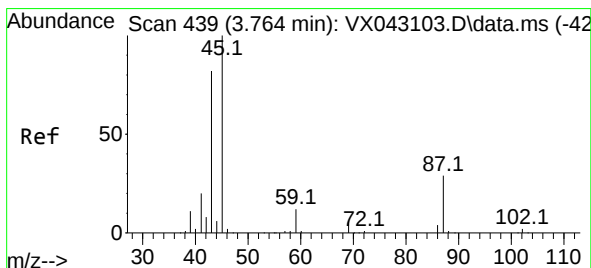
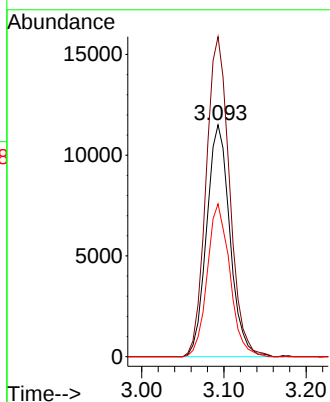
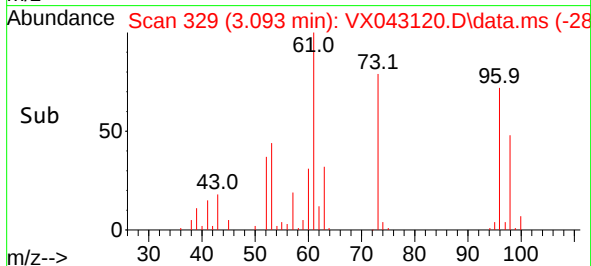
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



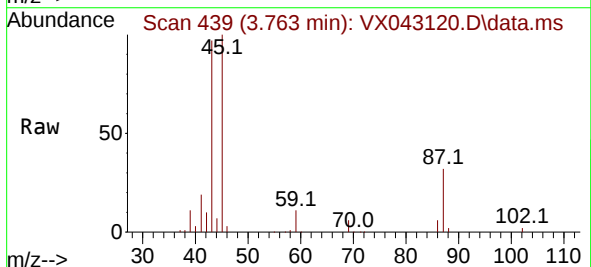
Tgt Ion: 96 Resp: 2262
Ion Ratio Lower Upper
96 100
61 138.0 114.5 171.7
98 65.9 53.8 80.6

Manual Integrations
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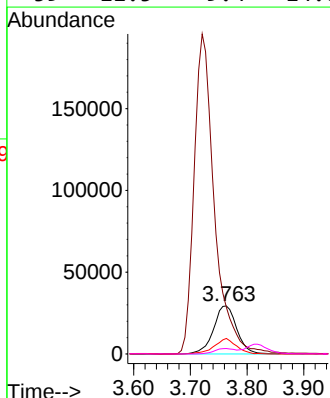
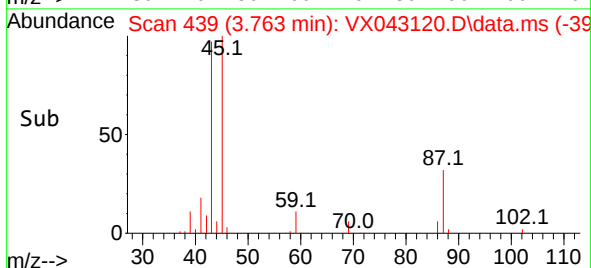
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#22
Diisopropyl ether
Concen: 20.820 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16



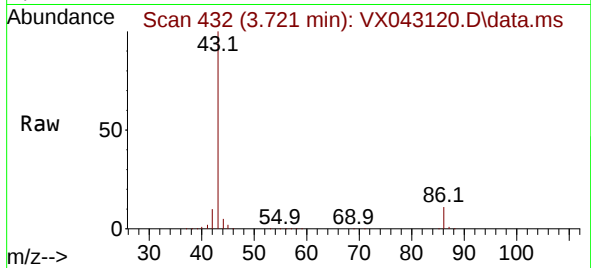
Tgt Ion: 45 Resp: 83732
Ion Ratio Lower Upper
45 100
43 96.3 65.8 98.6
87 32.3 23.1 34.7
59 11.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 103.714 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043120.D
 Acq: 24 Sep 2024 14:16

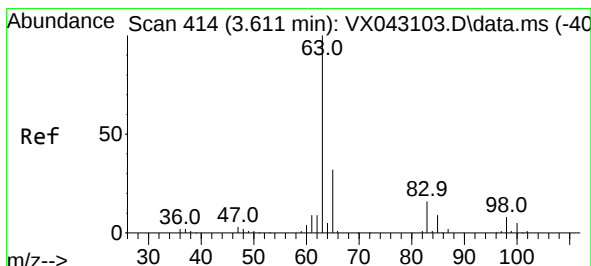
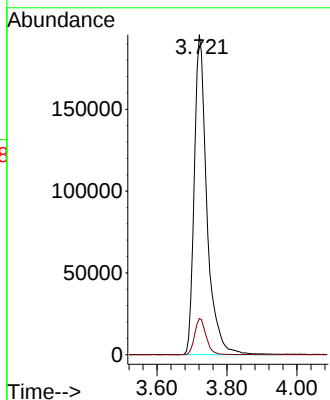
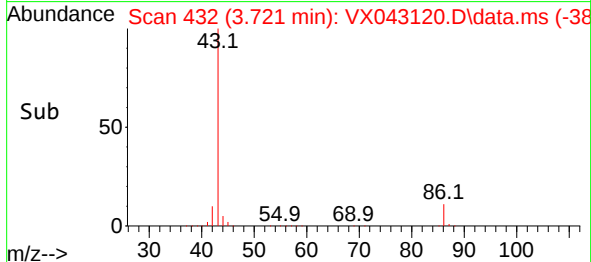
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01



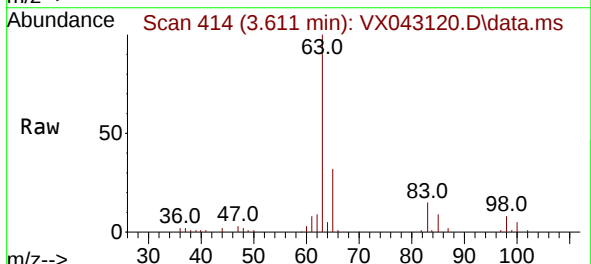
Tgt Ion: 43 Resp: 490660
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

Manual Integrations
 APPROVED

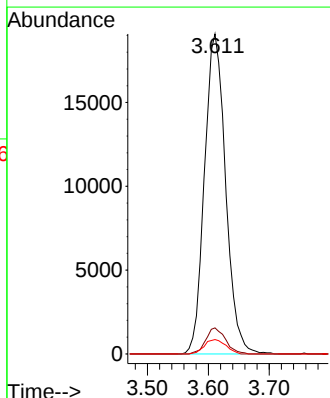
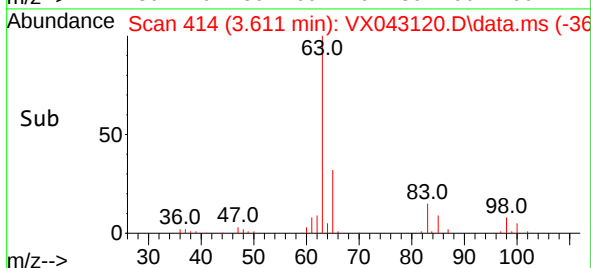
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024

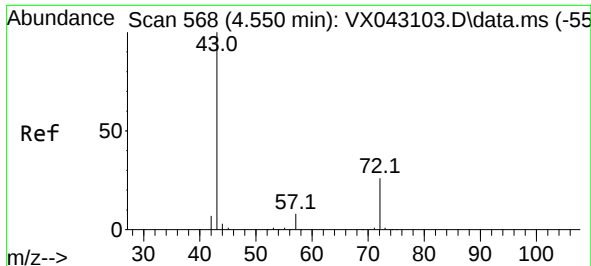


#24
 1,1-Dichloroethane
 Concen: 19.805 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX043120.D
 Acq: 24 Sep 2024 14:16



Tgt Ion: 63 Resp: 46050
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 4.5 2.5 7.6





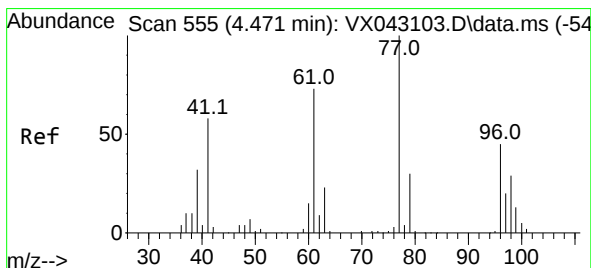
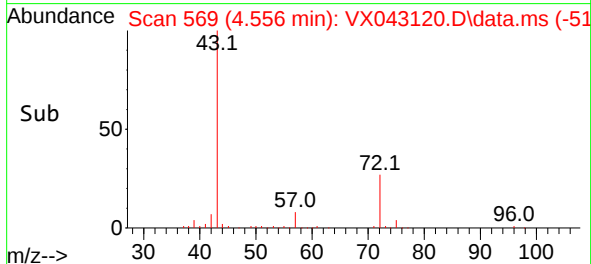
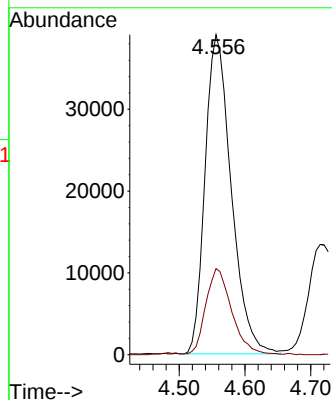
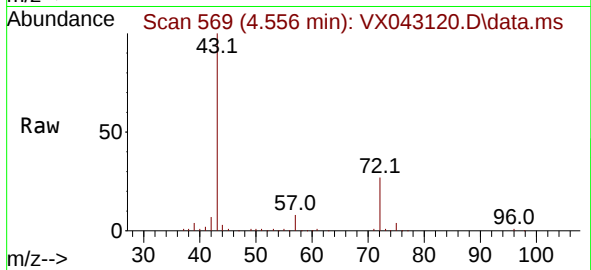
#25
2-Butanone
Concen: 99.101 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion: 43 Resp: 10830
Ion Ratio Lower Upper
43 100
72 26.8 20.7 31.1

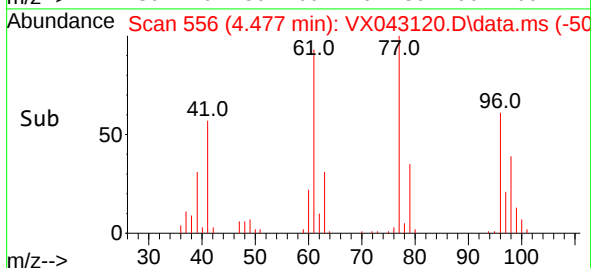
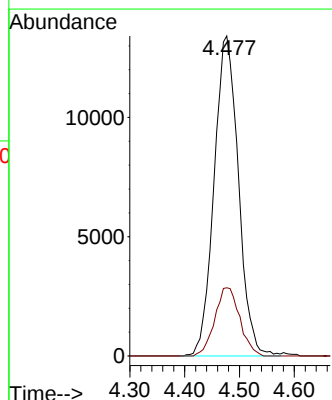
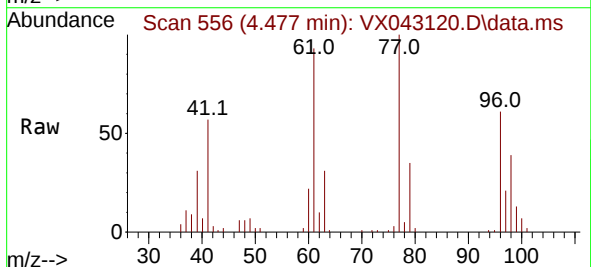
Manual Integrations
APPROVED

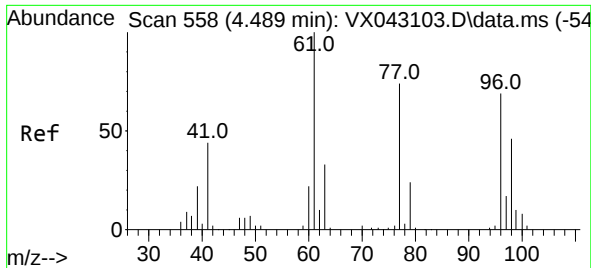
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#26
2,2-Dichloropropane
Concen: 17.581 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 77 Resp: 41375
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





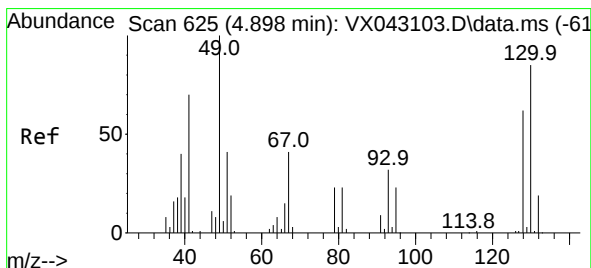
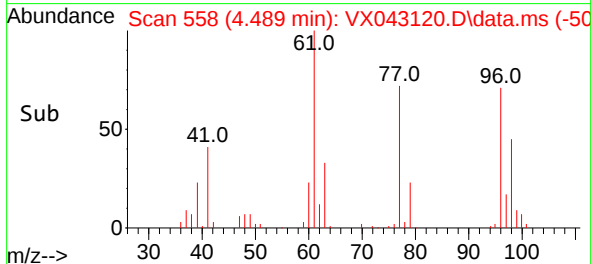
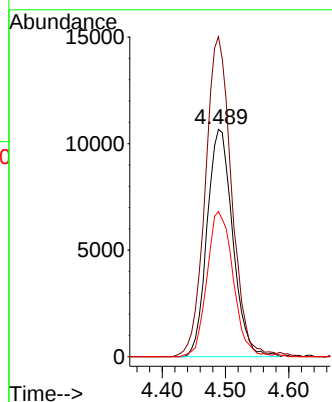
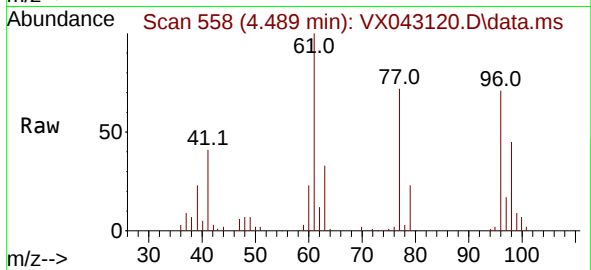
#27
 cis-1,2-Dichloroethene
 Concen: 20.178 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX043120.D
 Acq: 24 Sep 2024 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01

Tgt Ion: 96 Resp: 3006
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 297.8
 98 65.1 0.0 131.2

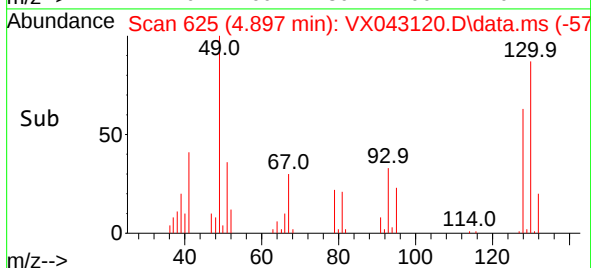
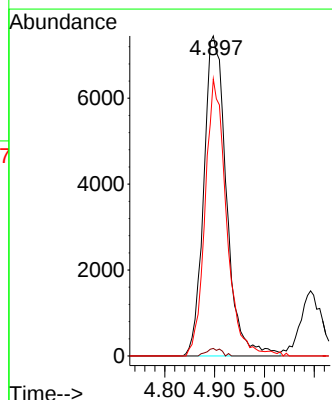
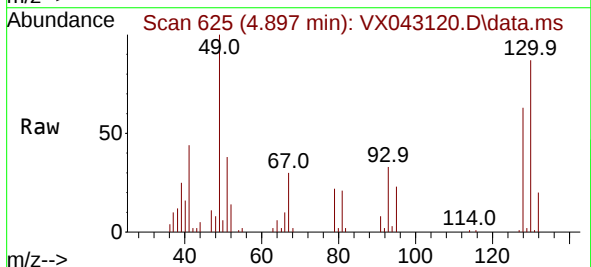
Manual Integrations
 APPROVED

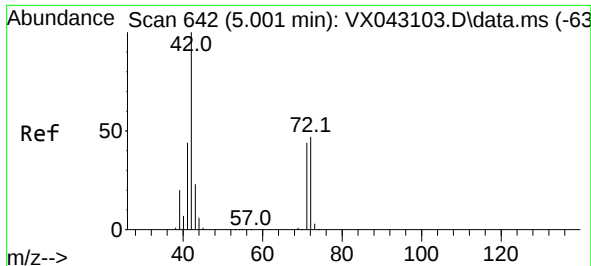
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024



#28
 Bromochloromethane
 Concen: 23.017 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX043120.D
 Acq: 24 Sep 2024 14:16

Tgt Ion: 49 Resp: 23559
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 81.5 66.6 100.0





#29

Tetrahydrofuran

Concen: 103.351 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

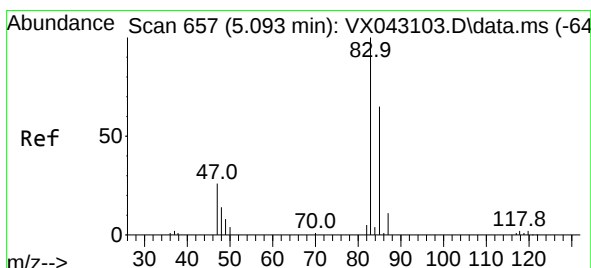
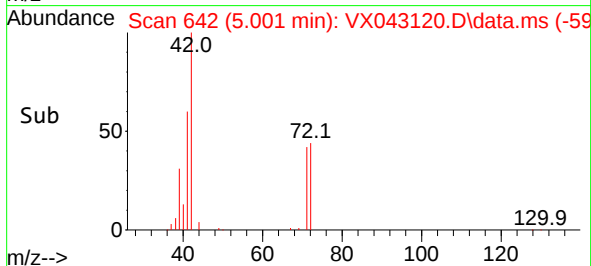
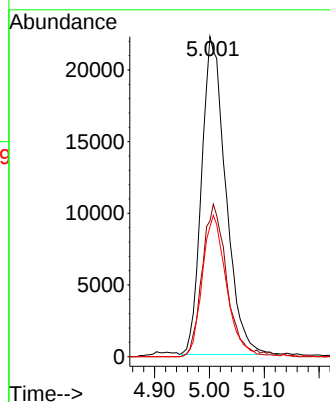
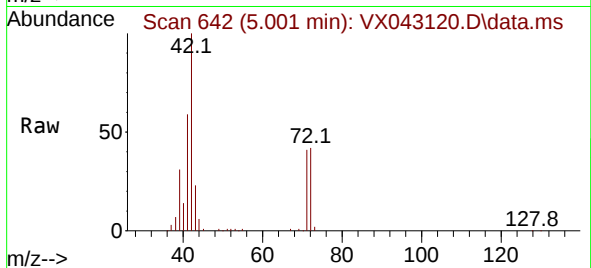
Tgt Ion: 42	Resp: 6792
Ion Ratio	Lower Upper
42 100	
72 49.3	37.6 56.4
71 44.5	34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#30

Chloroform

Concen: 20.001 ug/l

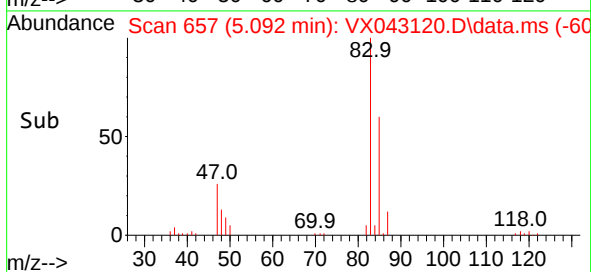
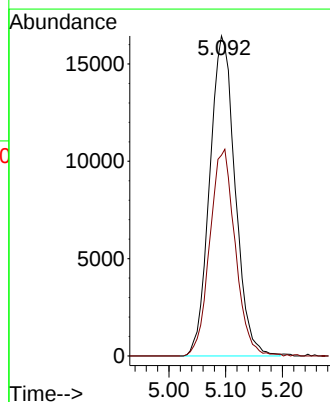
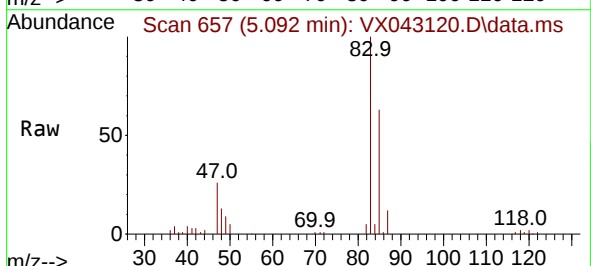
RT: 5.092 min Scan# 657

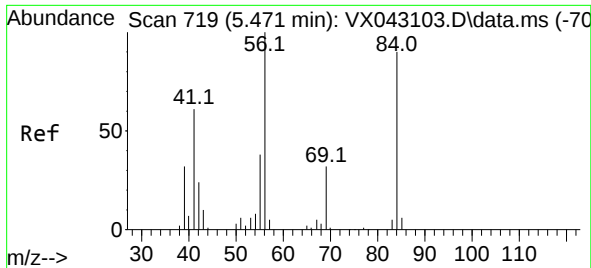
Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

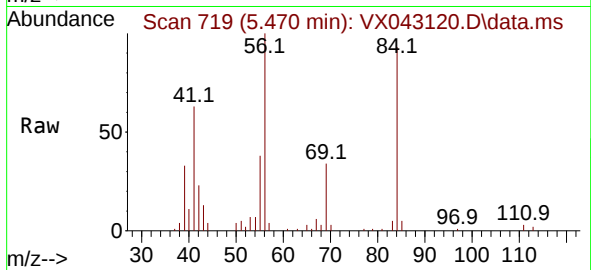
Tgt Ion: 83	Resp: 51277
Ion Ratio	Lower Upper
83 100	
85 62.8	52.4 78.6





#31
Cyclohexane
Concen: 19.049 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

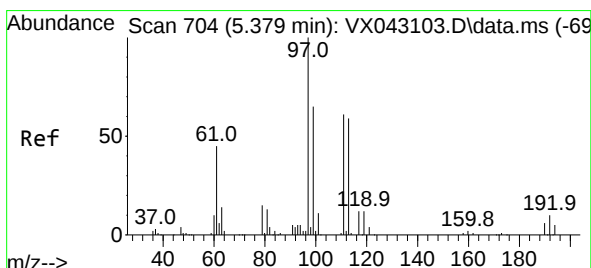
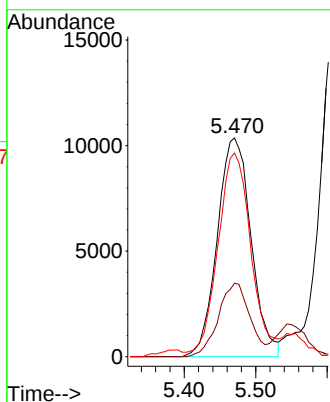
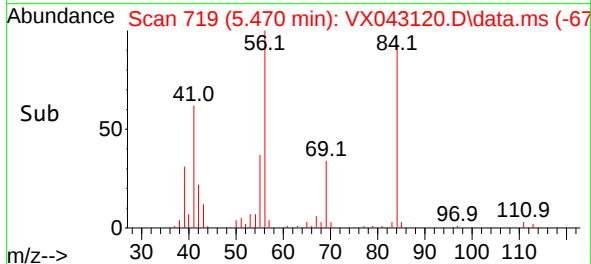
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion: 56 Resp: 3396
Ion Ratio Lower Upper
56 100
69 33.6 25.8 38.6
84 90.0 72.4 108.6

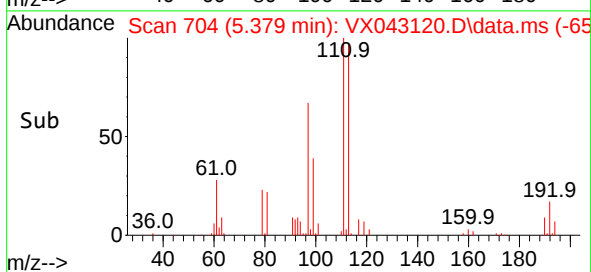
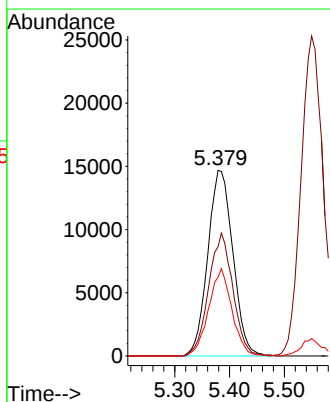
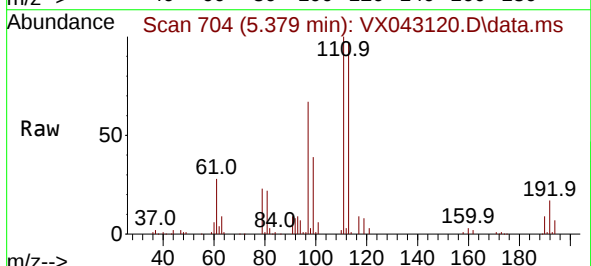
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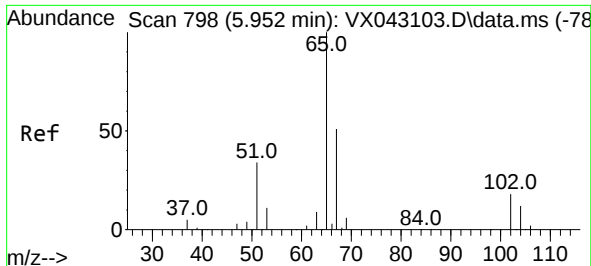
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#32
1,1,1-Trichloroethane
Concen: 19.250 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 97 Resp: 46749
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 43.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.538 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 65 Resp: 8980

Ion Ratio Lower Upper

65 100

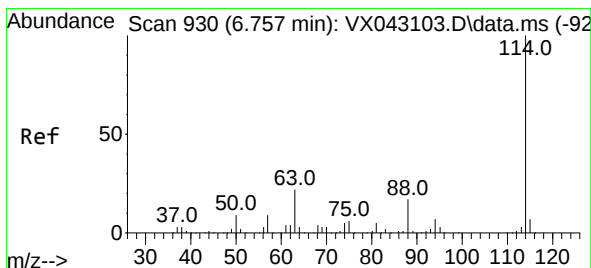
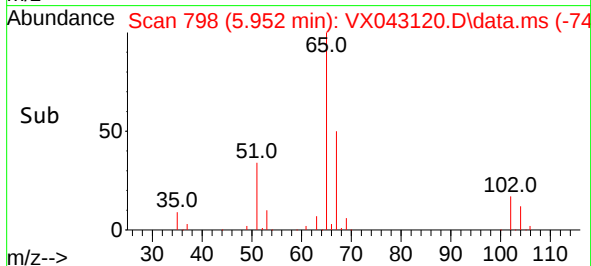
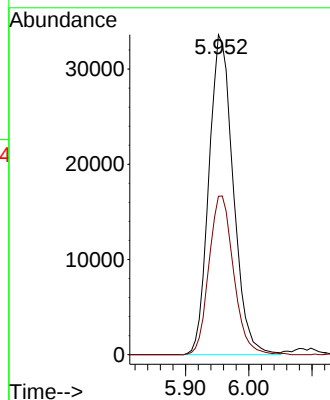
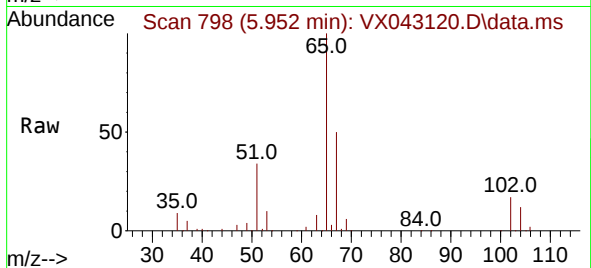
67 50.3 0.0 99.0

Manual Integrations

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Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

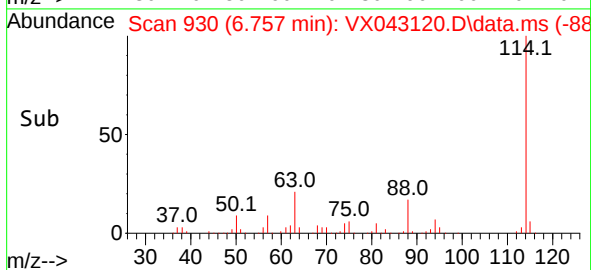
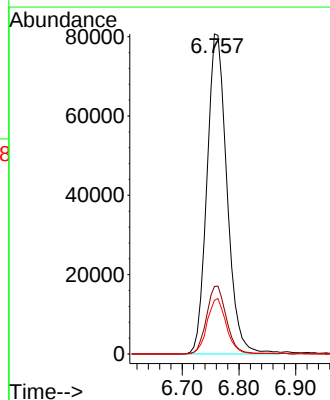
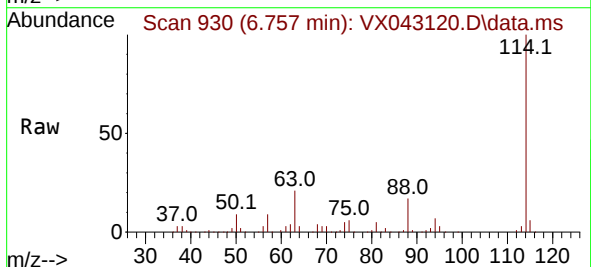
Tgt Ion:114 Resp: 197856

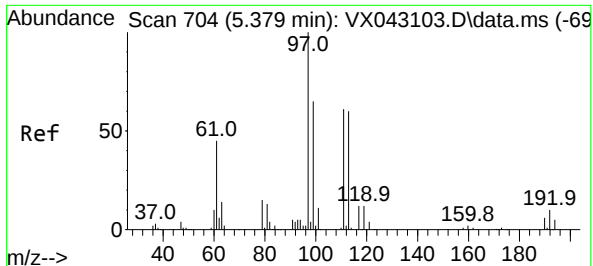
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.881 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 113 Resp: 66830

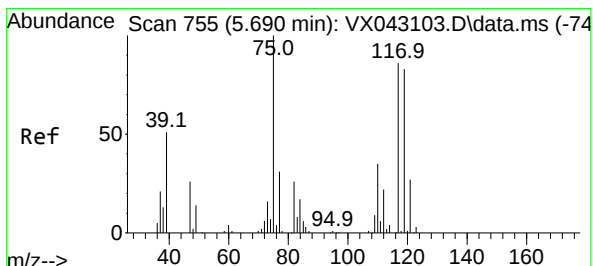
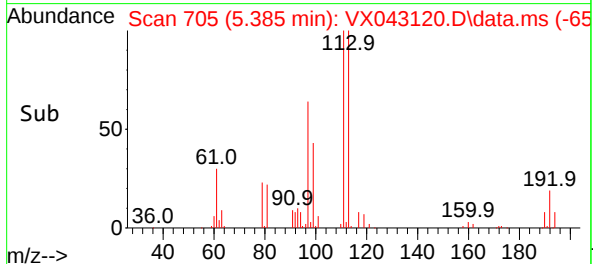
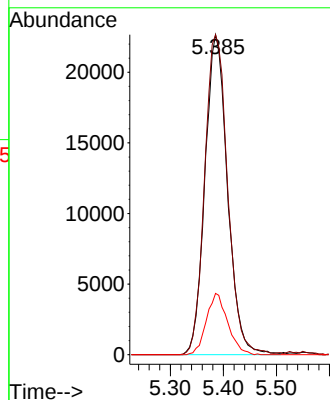
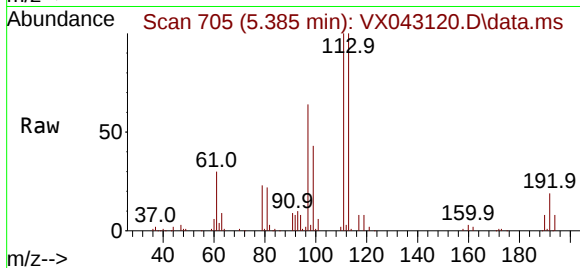
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	18.1	14.6	22.0

Manual Integrations

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Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#36

1,1-Dichloropropene

Concen: 18.060 ug/l

RT: 5.696 min Scan# 756

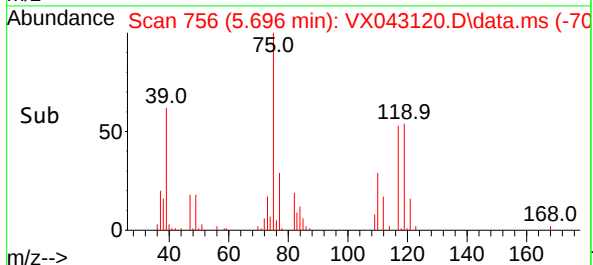
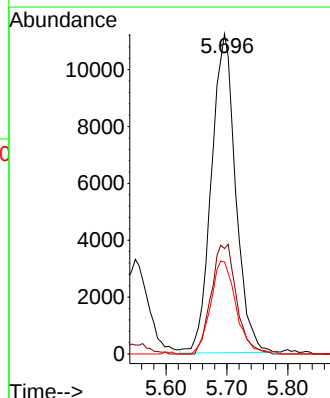
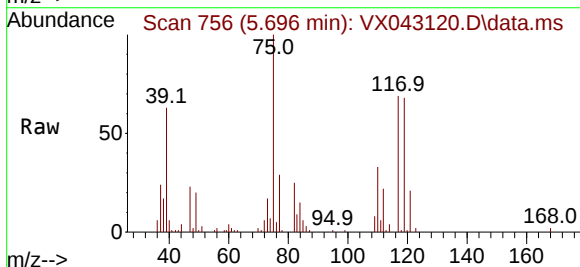
Delta R.T. 0.006 min

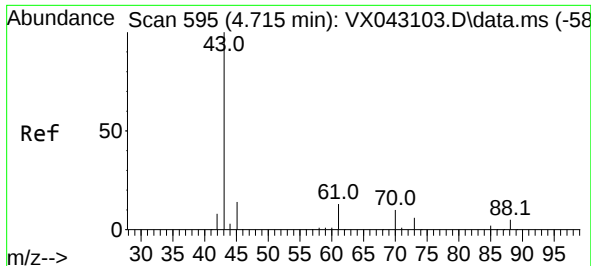
Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Tgt Ion: 75 Resp: 30973

Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.4
77	30.6	25.2	37.8





#37

Ethyl Acetate

Concen: 19.083 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

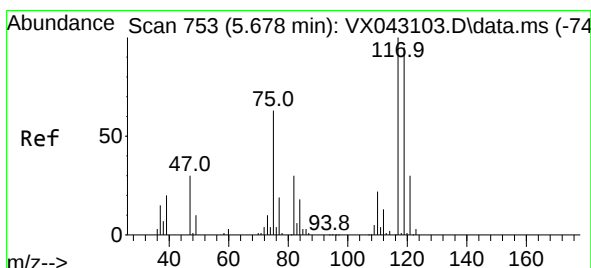
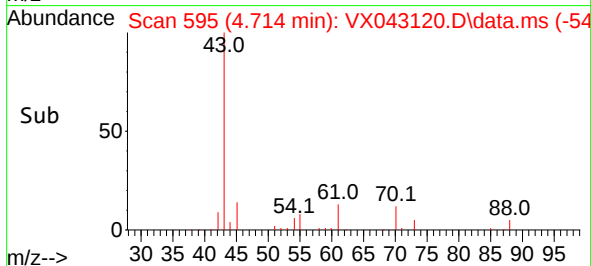
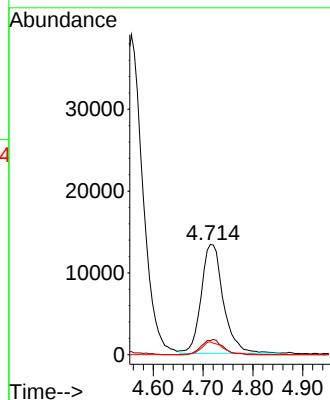
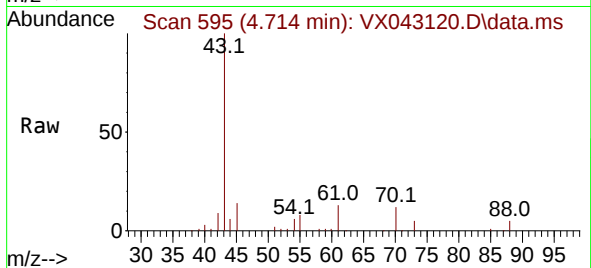
Tgt Ion: 43	Resp: 41109
Ion Ratio	Lower Upper
43 100	
61 13.5	10.9 16.3
70 11.4	8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#38

Carbon Tetrachloride

Concen: 17.198 ug/l

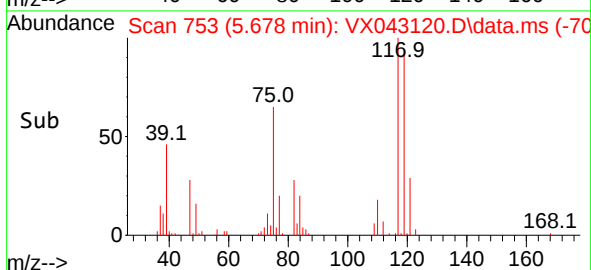
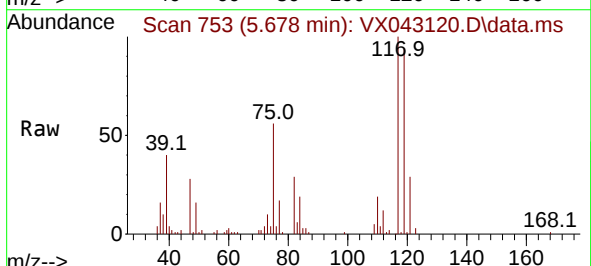
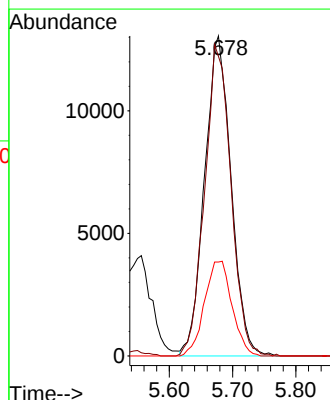
RT: 5.678 min Scan# 753

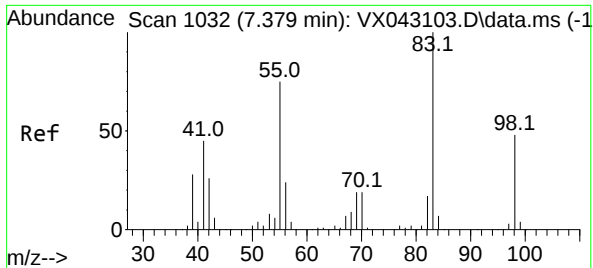
Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

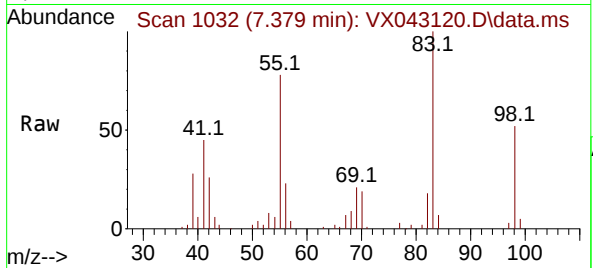
Tgt Ion:117	Resp: 37995
Ion Ratio	Lower Upper
117 100	
119 93.6	75.5 113.3
121 29.3	24.2 36.2





#39
Methylcyclohexane
Concen: 16.917 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

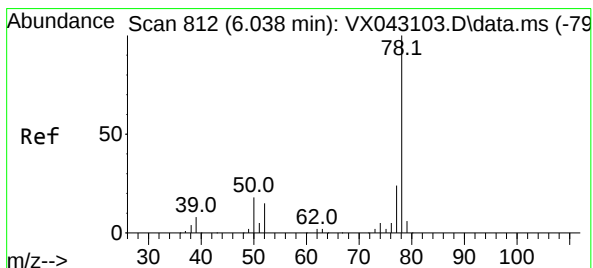
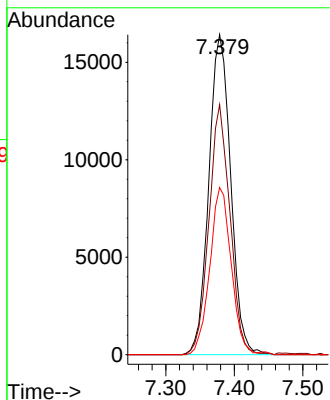
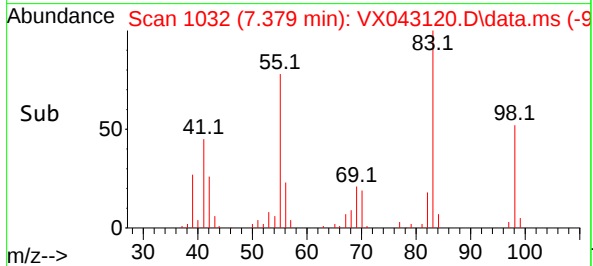
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion: 83 Resp: 3641
Ion Ratio Lower Upper
83 100
55 78.2 60.2 90.4
98 52.3 38.6 58.0

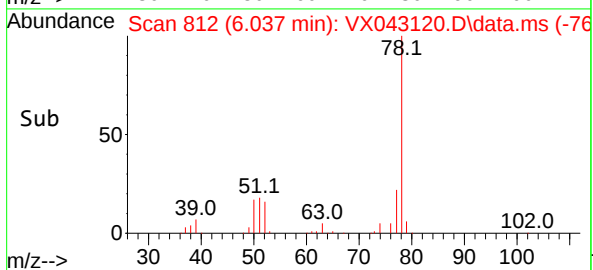
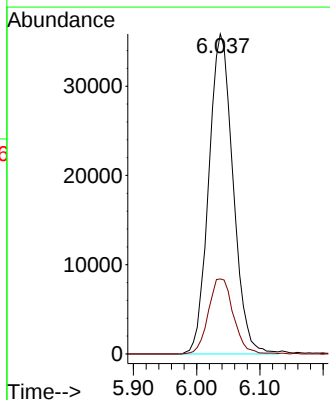
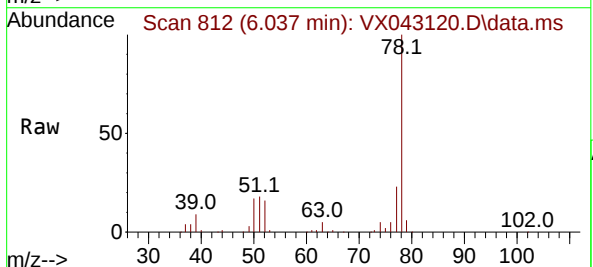
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#40
Benzene
Concen: 18.929 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 78 Resp: 95795
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 21.645 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

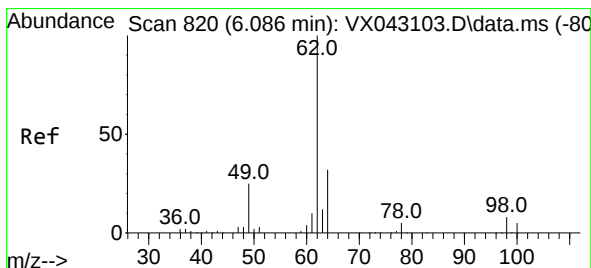
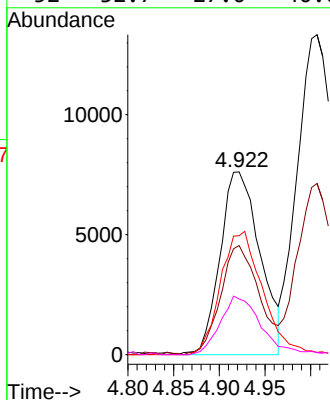
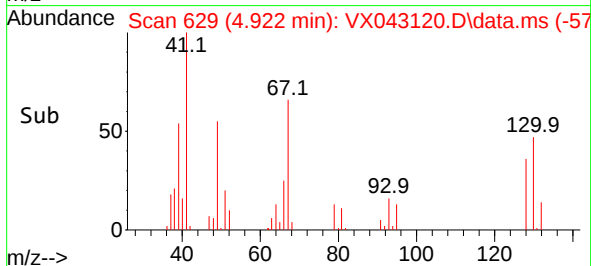
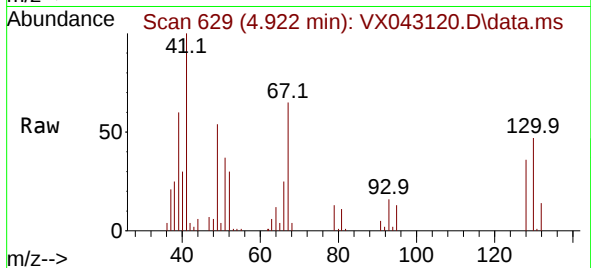
Tgt Ion: 41 Resp: 2318
Ion Ratio Lower Upper
41 100
39 57.9 46.8 70.2
67 71.0 57.0 85.6
52 32.7 27.0 40.6

Manual Integrations

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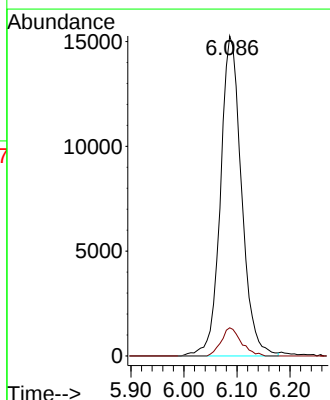
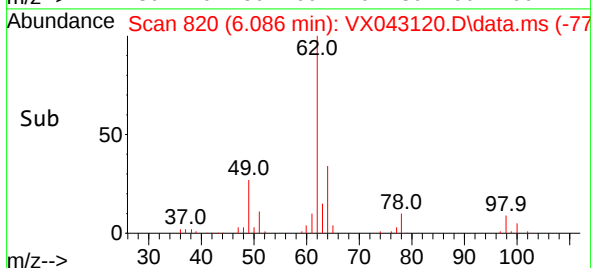
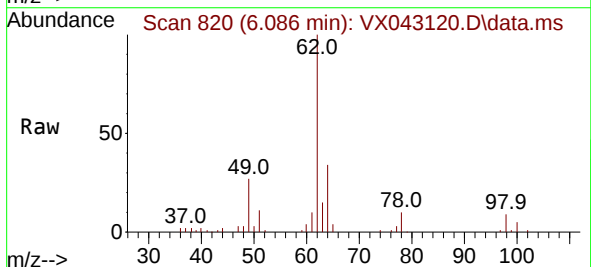
Reviewed By :John Carlone 09/25/2024

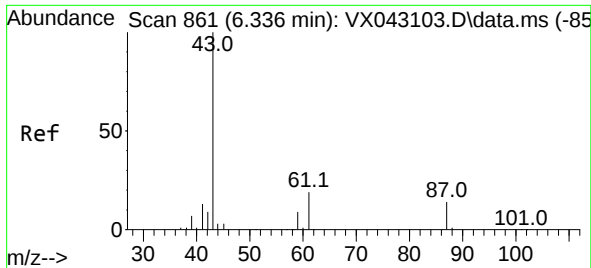
Supervised By :Mahesh Dadoda 09/25/2024



#42
1,2-Dichloroethane
Concen: 19.593 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 62 Resp: 42101
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.6





#43

Isopropyl Acetate

Concen: 20.073 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 43 Resp: 72220

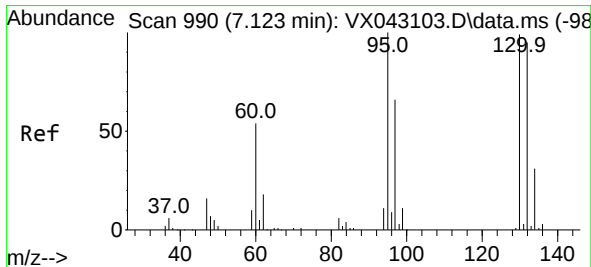
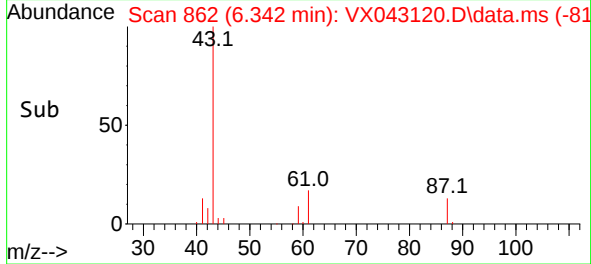
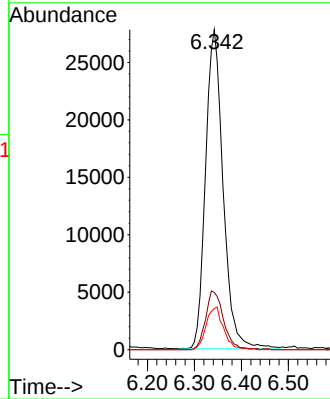
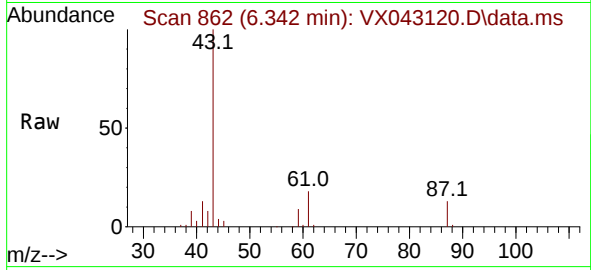
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.0	22.6
87	13.2	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#44

Trichloroethene

Concen: 18.352 ug/l

RT: 7.123 min Scan# 990

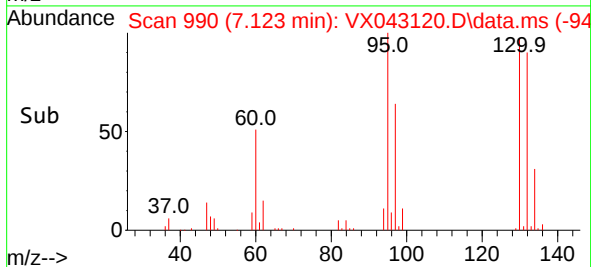
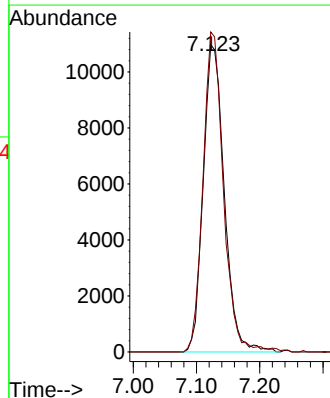
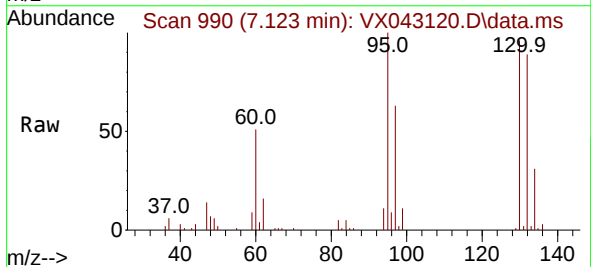
Delta R.T. -0.000 min

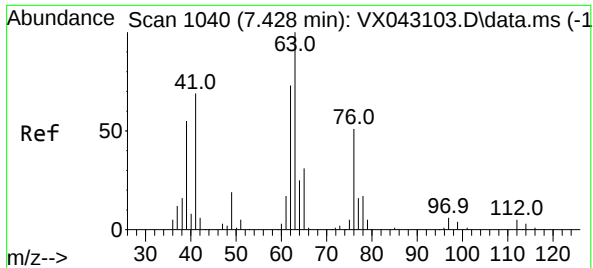
Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Tgt Ion:130 Resp: 25411

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	201.6





#45

1,2-Dichloropropane

Concen: 19.712 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 63 Resp: 2484

Ion Ratio Lower Upper

63 100

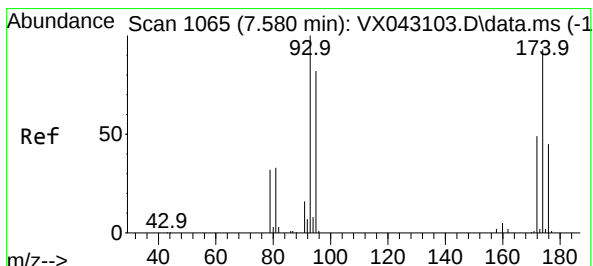
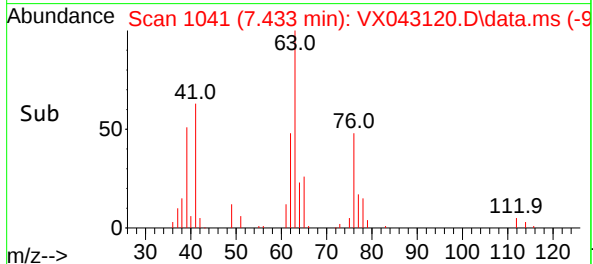
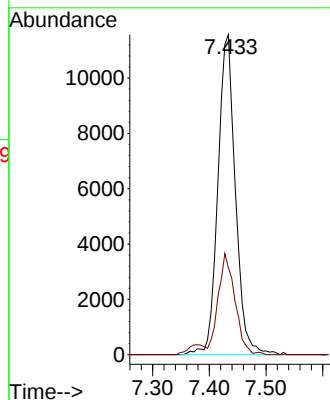
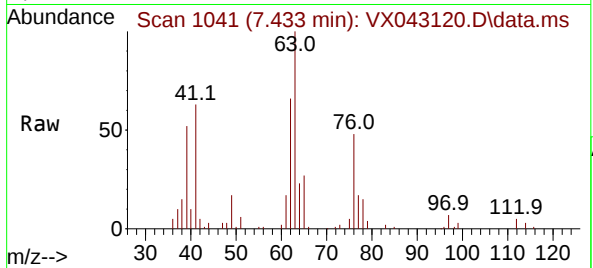
65 27.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#46

Dibromomethane

Concen: 19.338 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

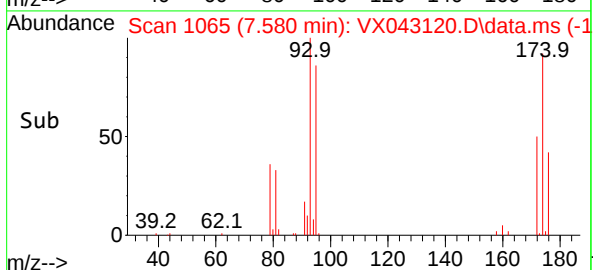
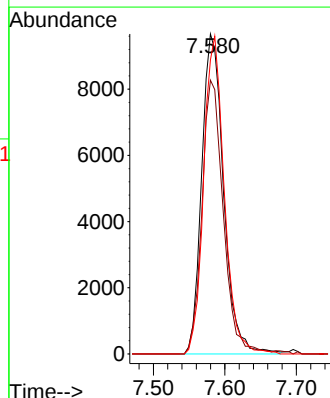
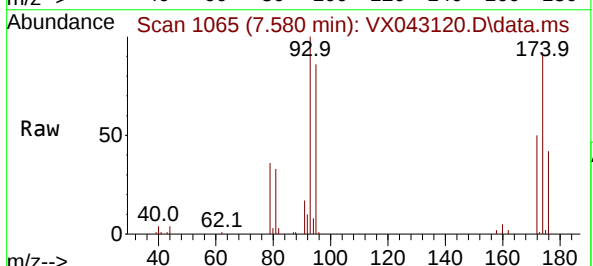
Tgt Ion: 93 Resp: 20526

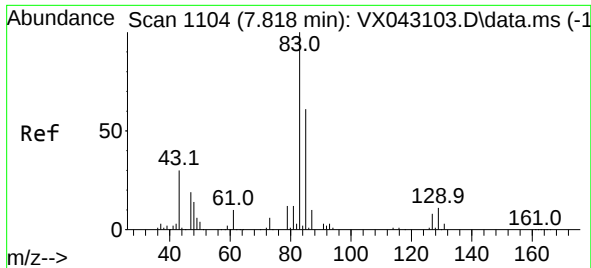
Ion Ratio Lower Upper

93 100

95 83.4 67.1 100.7

174 93.7 75.4 113.2





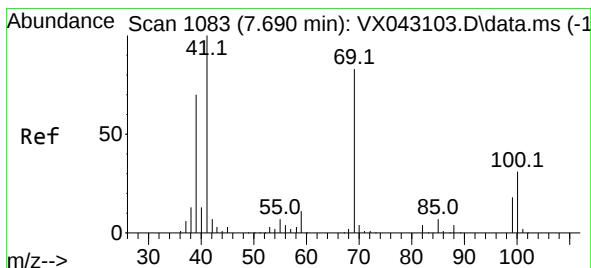
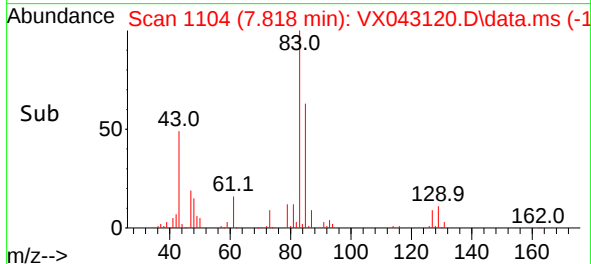
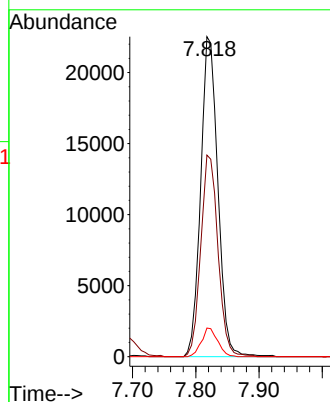
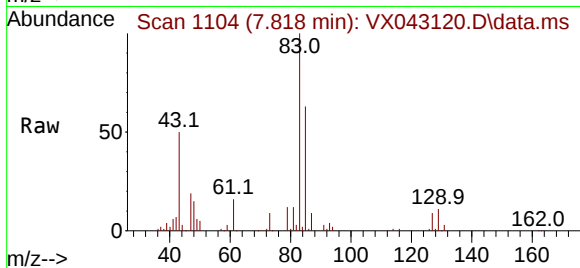
#47
Bromodichloromethane
Concen: 19.322 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion: 83 Resp: 4264
Ion Ratio Lower Upper
83 100
85 63.0 49.1 73.7
127 9.0 6.6 9.8

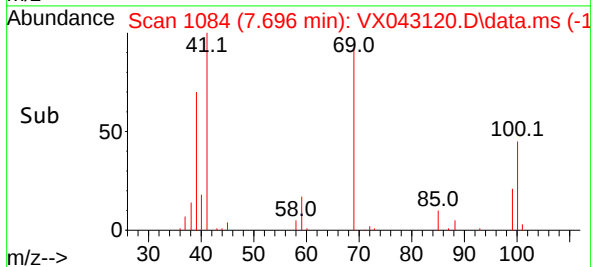
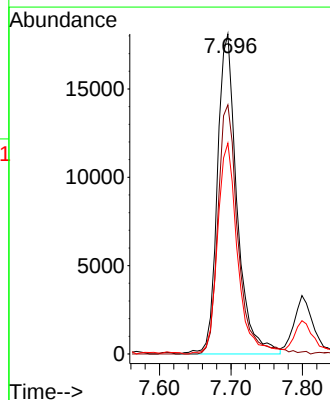
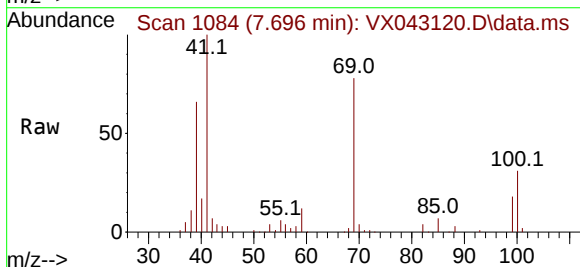
Manual Integrations
APPROVED

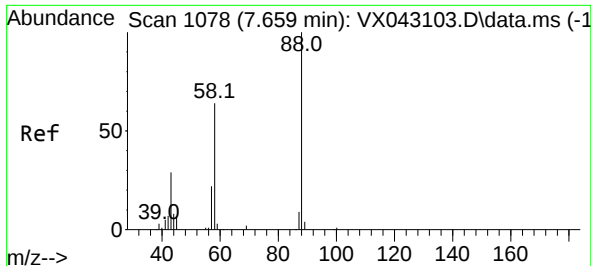
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#48
Methyl methacrylate
Concen: 19.531 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 41 Resp: 34517
Ion Ratio Lower Upper
41 100
69 79.5 65.0 97.6
39 67.0 55.0 82.6





#49

1,4-Dioxane

Concen: 409.164 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 88 Resp: 1365

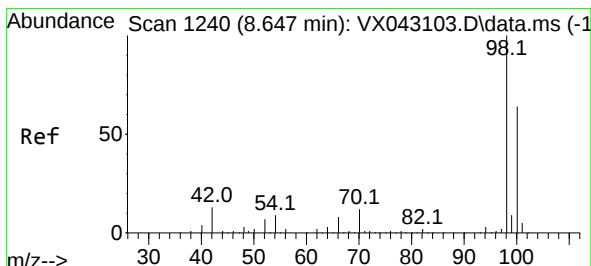
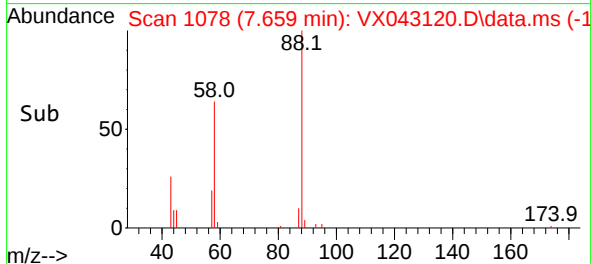
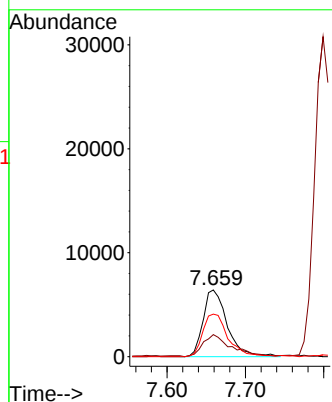
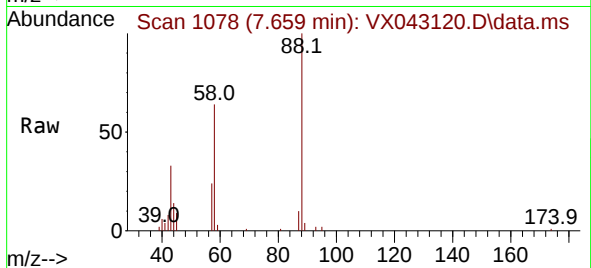
Ion	Ratio	Lower	Upper
88	100		
43	40.0	29.5	44.3
58	66.8	52.5	78.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#50

Toluene-d8

Concen: 46.597 ug/l

RT: 8.647 min Scan# 1240

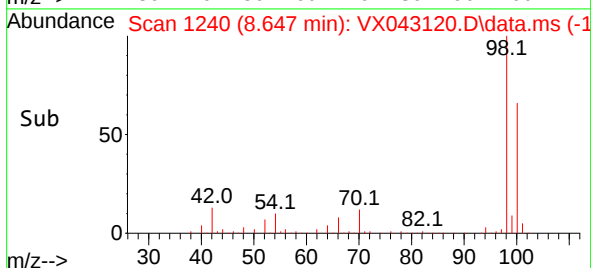
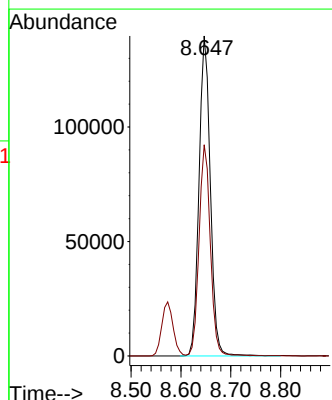
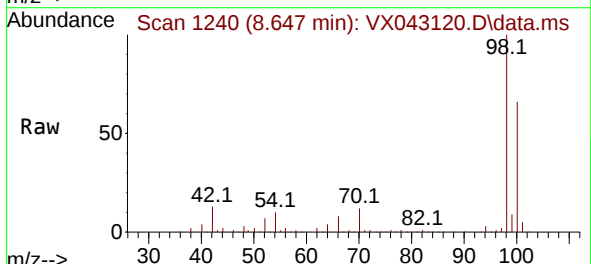
Delta R.T. -0.000 min

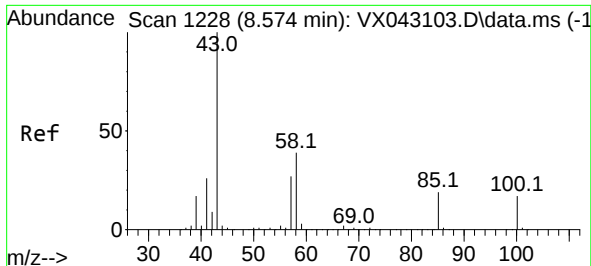
Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Tgt Ion: 98 Resp: 220037

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 100.813 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 43 Resp: 22284

Ion Ratio Lower Upper

43 100

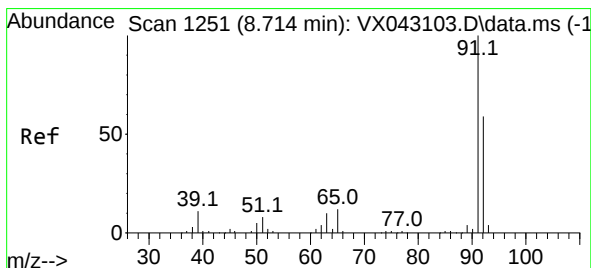
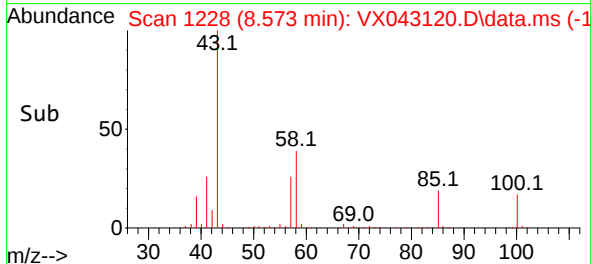
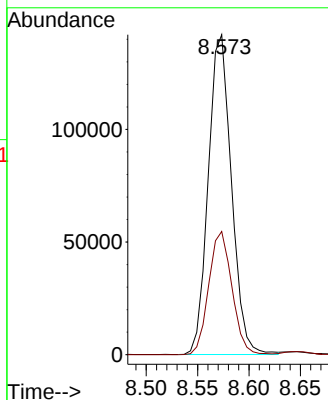
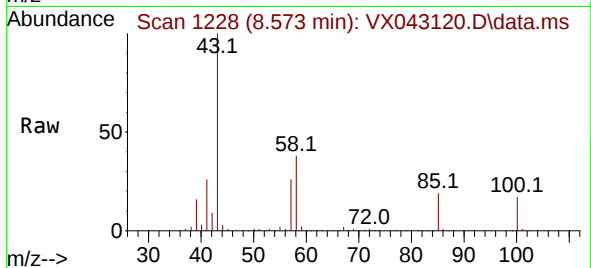
58 38.6 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#52

Toluene

Concen: 19.052 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043120.D

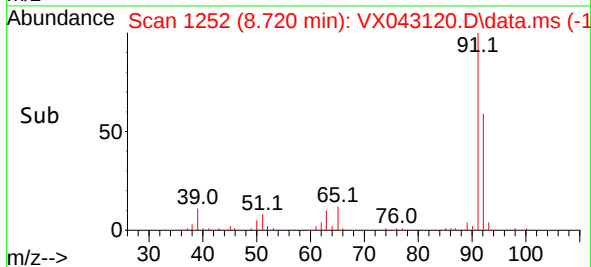
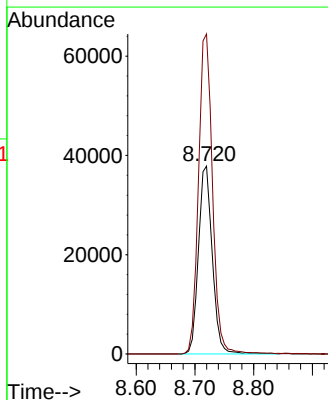
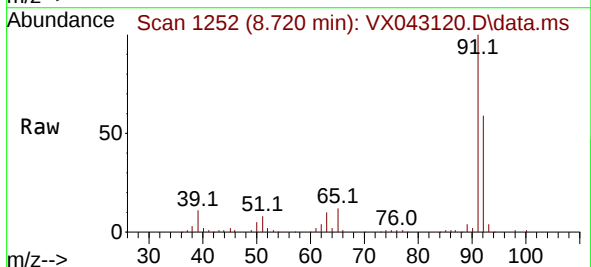
Acq: 24 Sep 2024 14:16

Tgt Ion: 92 Resp: 62093

Ion Ratio Lower Upper

92 100

91 172.2 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.076 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 75 Resp: 43220

Ion Ratio Lower Upper

75 100

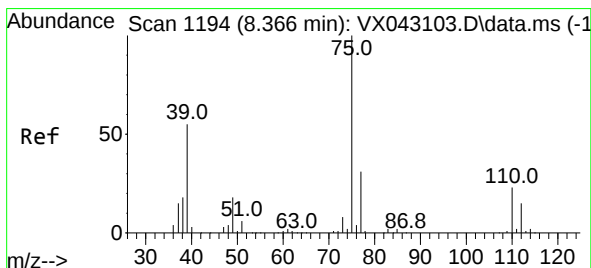
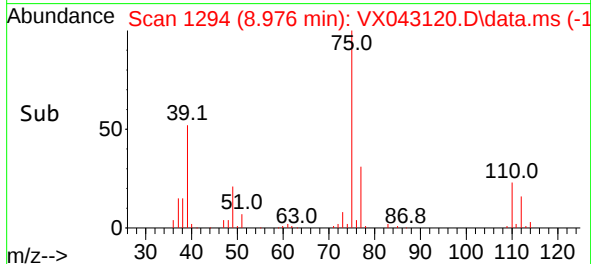
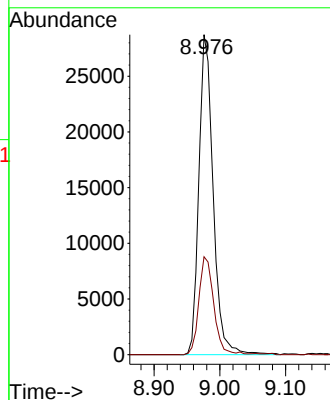
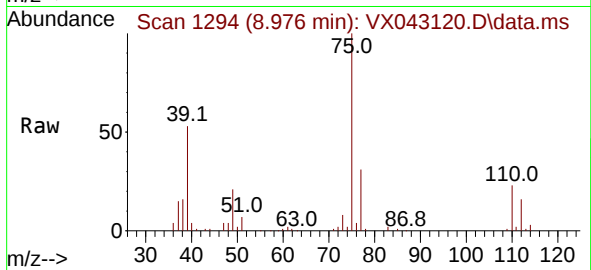
77 30.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#54

cis-1,3-Dichloropropene

Concen: 19.523 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

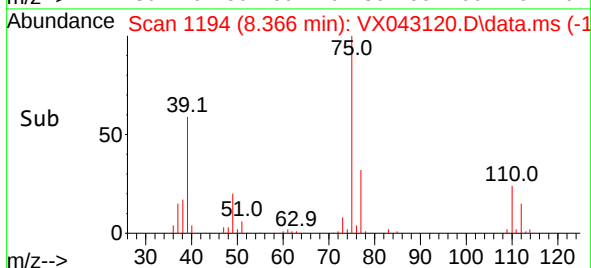
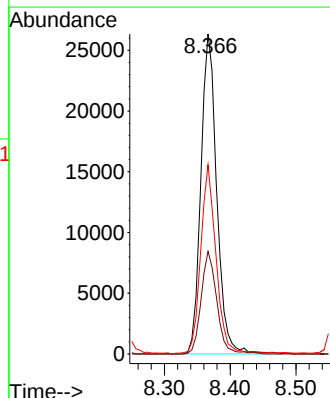
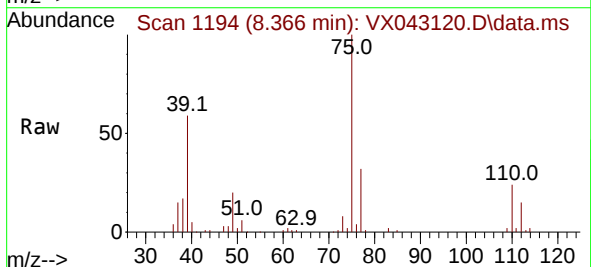
Tgt Ion: 75 Resp: 44175

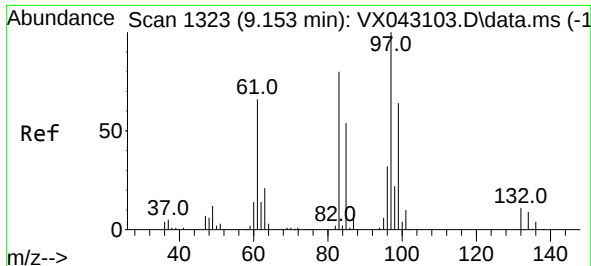
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

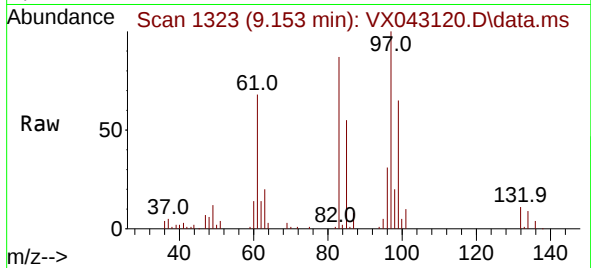
39 58.8 43.8 65.8





#55
1,1,2-Trichloroethane
Concen: 20.422 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

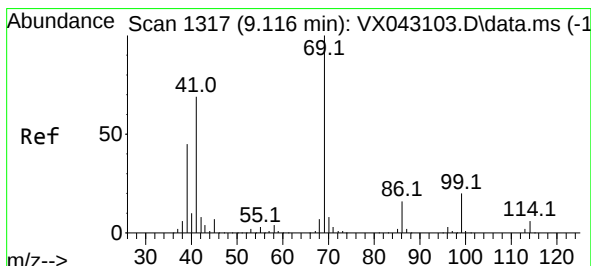
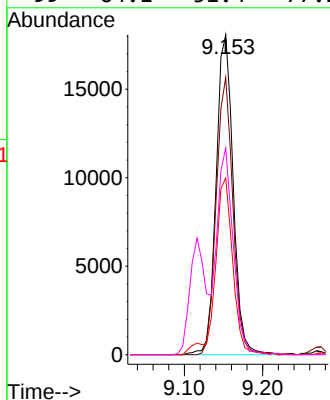
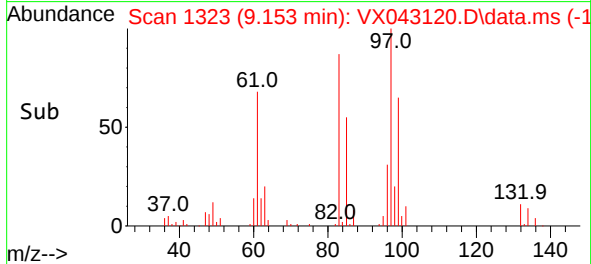
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



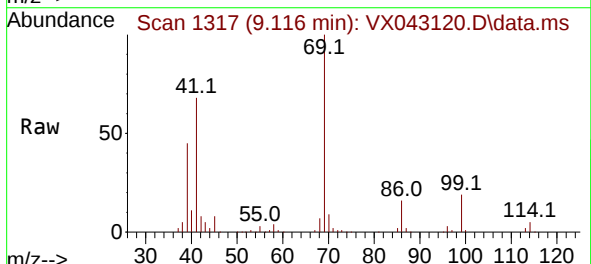
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	64.2	96.4
85	55.2	43.0	64.6
99	64.1	51.4	77.2

Manual Integrations
APPROVED

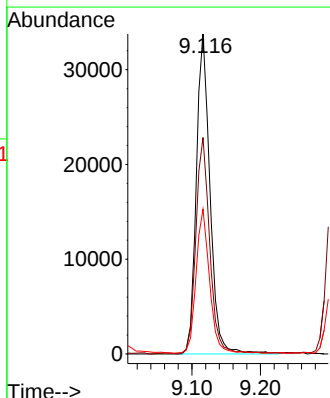
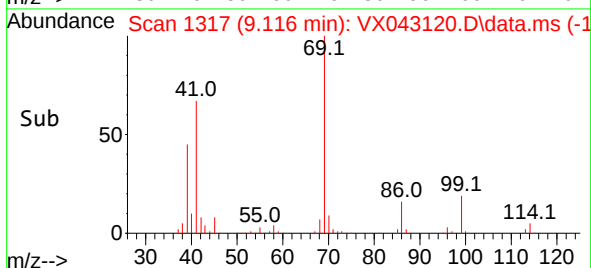
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

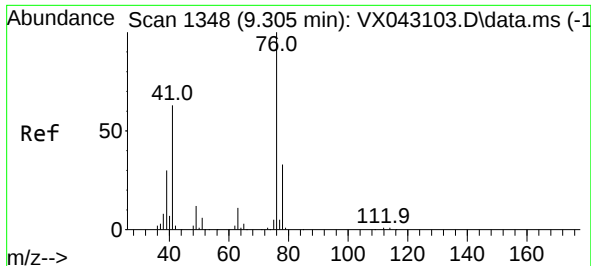


#56
Ethyl methacrylate
Concen: 20.137 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16



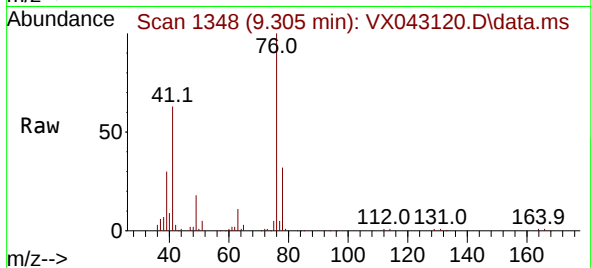
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.4	83.2
39	44.6	36.3	54.5





#57
1,3-Dichloropropane
Concen: 19.817 ug/l
RT: 9.305 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

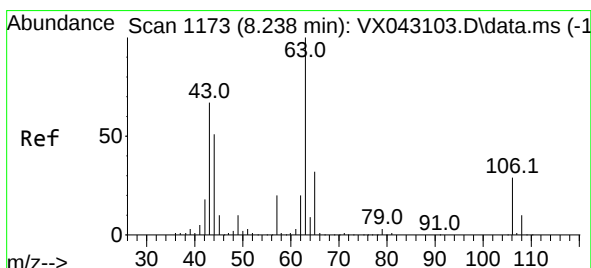
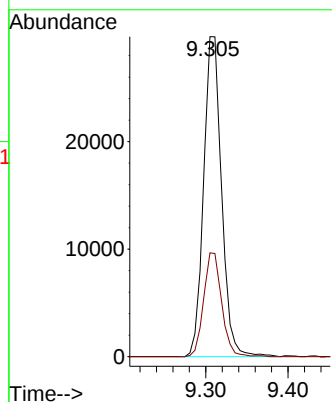
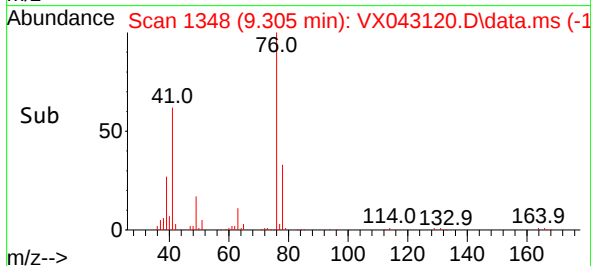
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion: 76 Resp: 45228
Ion Ratio Lower Upper
76 100
78 32.6 26.5 39.7

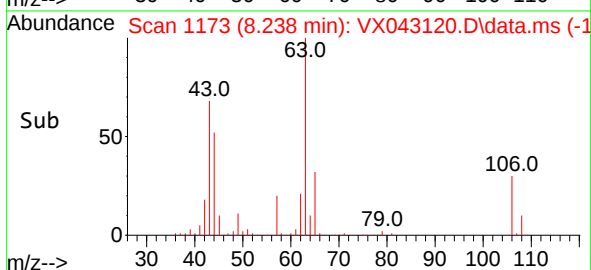
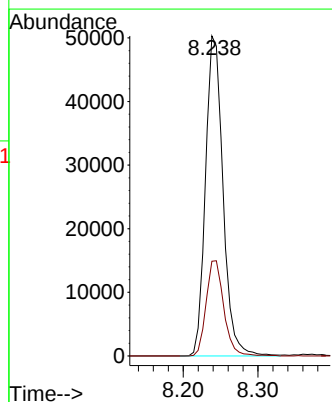
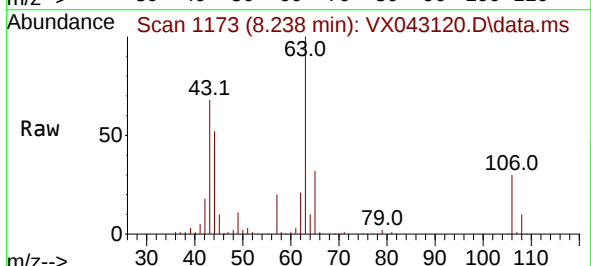
Manual Integrations
APPROVED

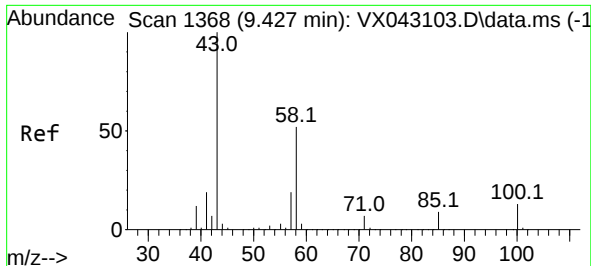
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 86.789 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 63 Resp: 81941
Ion Ratio Lower Upper
63 100
106 30.0 24.0 36.0





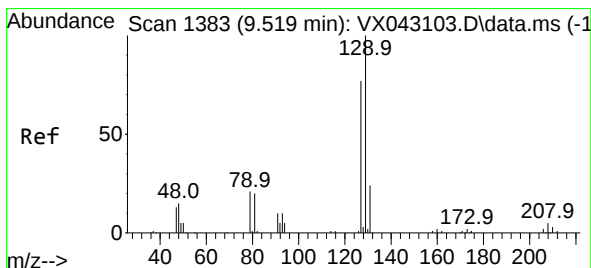
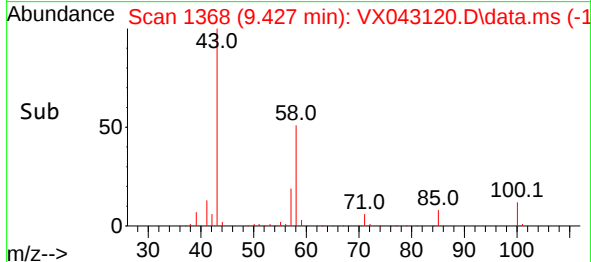
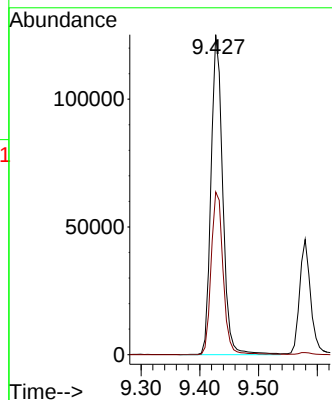
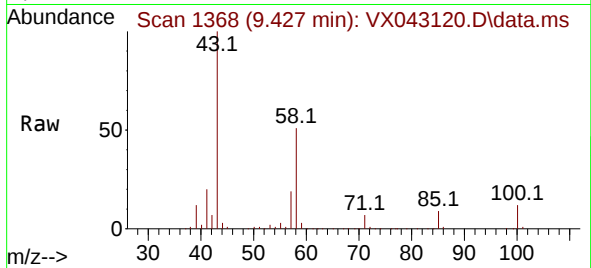
#59
2-Hexanone
Concen: 100.380 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion: 43 Resp: 17349
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.2

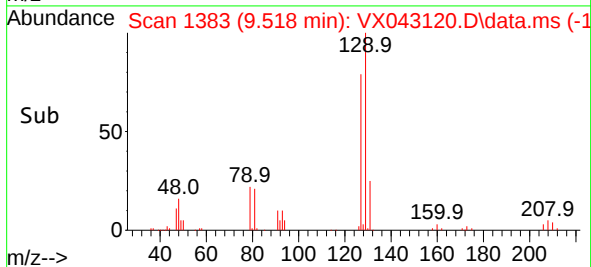
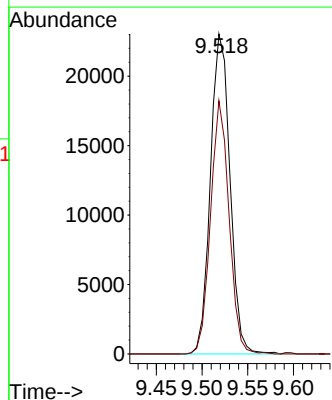
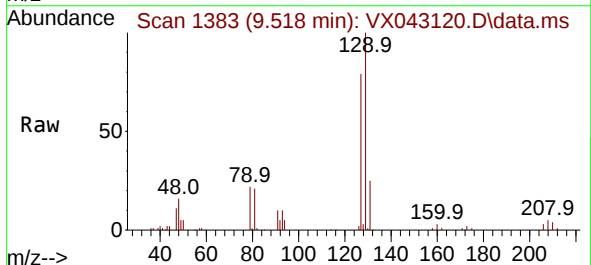
Manual Integrations
APPROVED

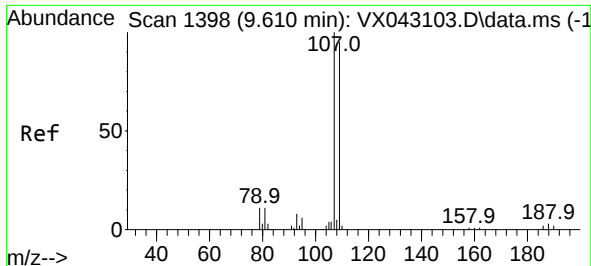
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#60
Dibromochloromethane
Concen: 19.557 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

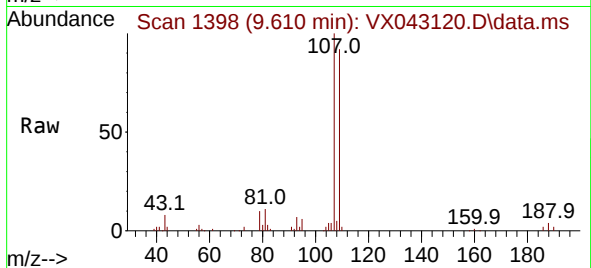
Tgt Ion:129 Resp: 34272
Ion Ratio Lower Upper
129 100
127 74.8 38.4 115.1





#61
1,2-Dibromoethane
Concen: 20.283 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

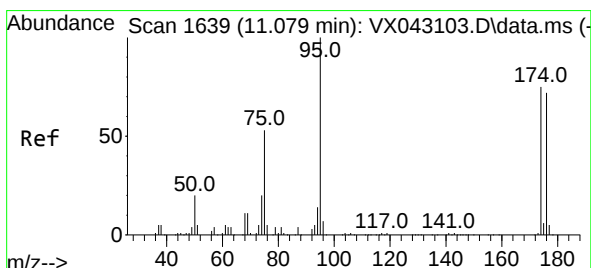
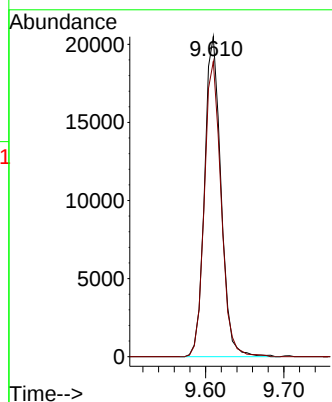
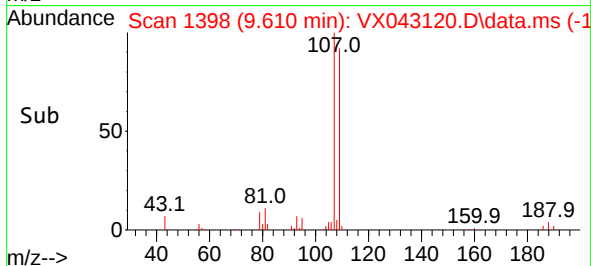
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion:107 Resp: 2978
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7

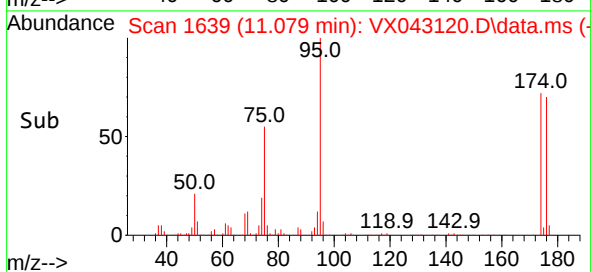
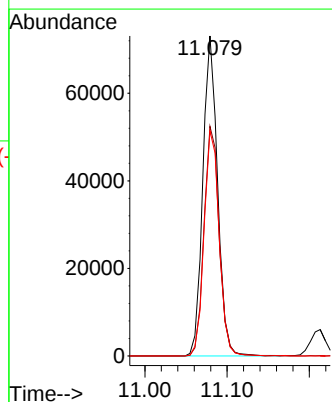
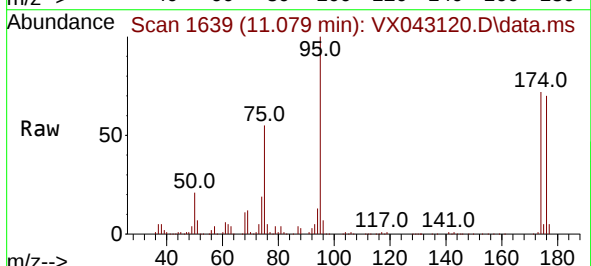
Manual Integrations
APPROVED

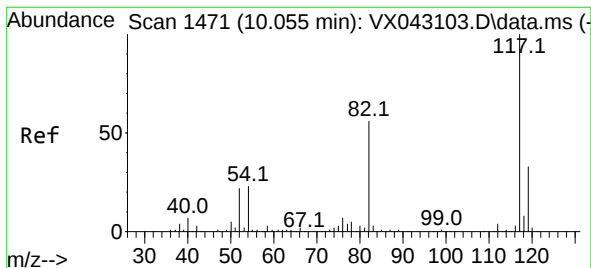
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#62
4-Bromofluorobenzene
Concen: 47.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

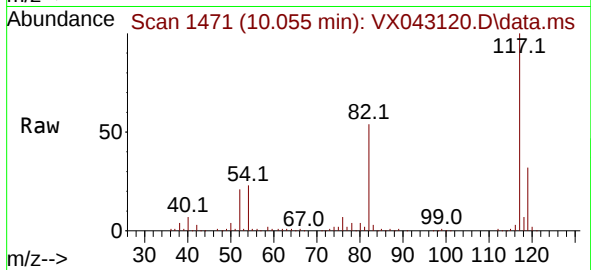
Tgt Ion: 95 Resp: 90927
Ion Ratio Lower Upper
95 100
174 73.7 0.0 146.0
176 71.9 0.0 142.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

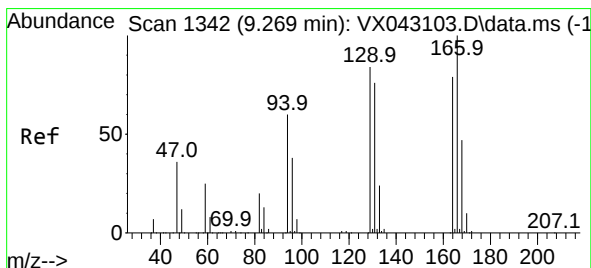
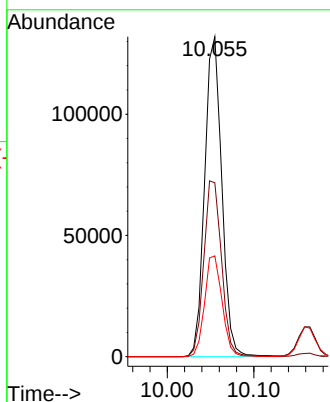
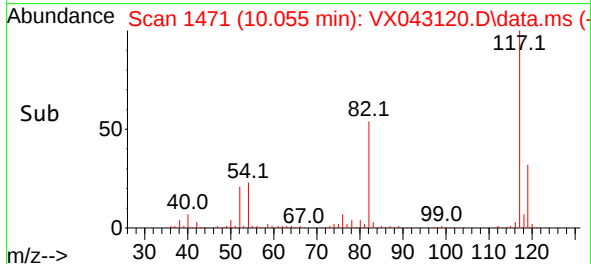
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



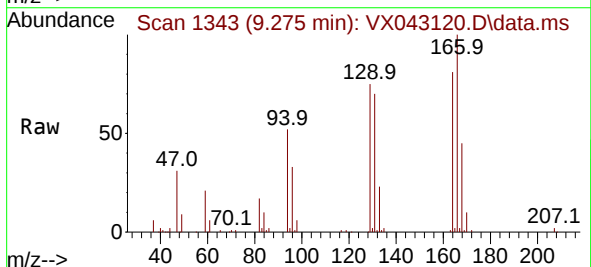
Tgt Ion:117 Resp: 18126
Ion Ratio Lower Upper
117 100
82 54.3 44.7 67.1
119 31.5 26.3 39.5

Manual Integrations
APPROVED

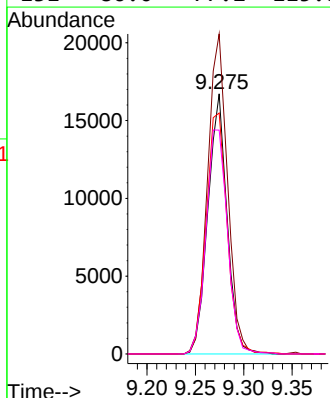
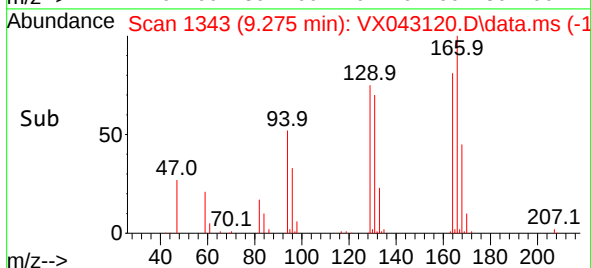
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

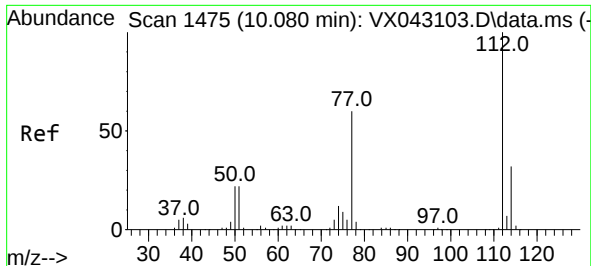


#64
Tetrachloroethene
Concen: 17.494 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16



Tgt Ion:164 Resp: 22976
Ion Ratio Lower Upper
164 100
166 123.0 101.2 151.8
129 92.7 84.7 127.1
131 86.0 77.2 115.8





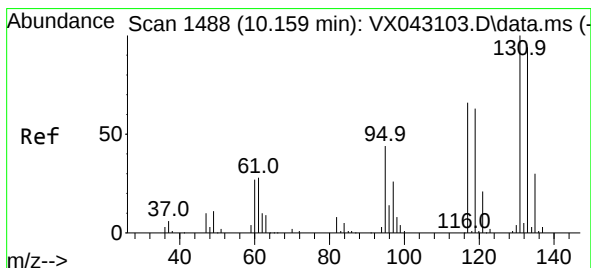
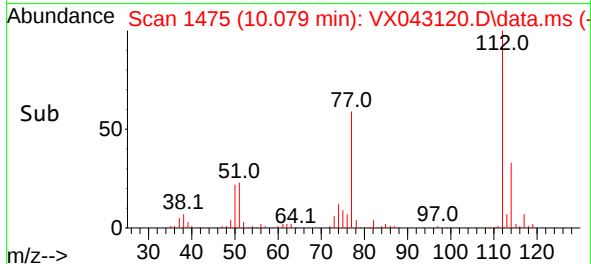
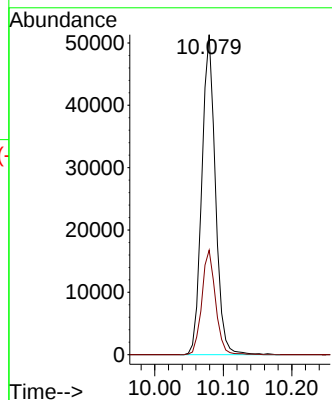
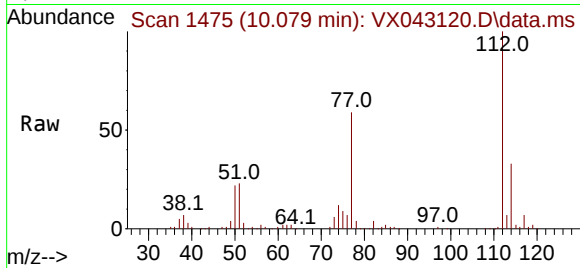
#65
Chlorobenzene
Concen: 18.148 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion:112 Resp: 70962
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8

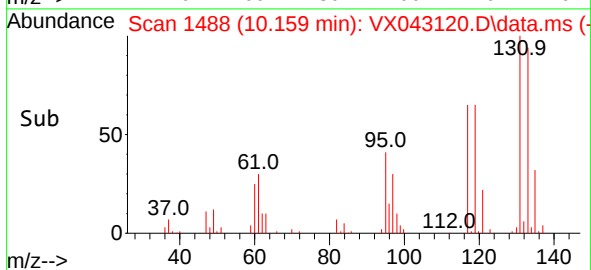
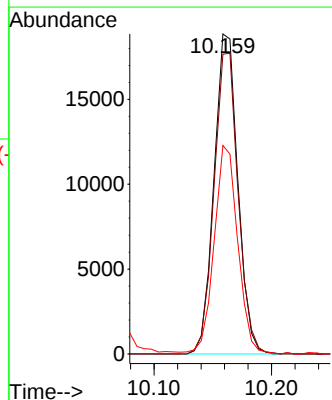
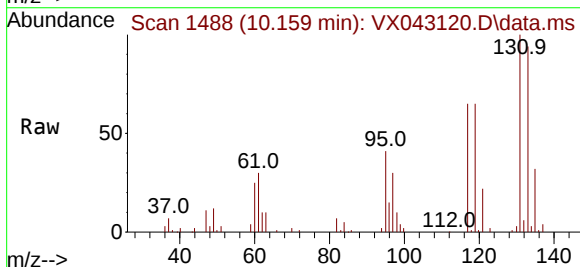
Manual Integrations
APPROVED

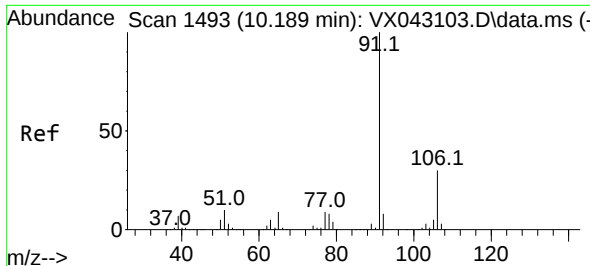
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.402 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

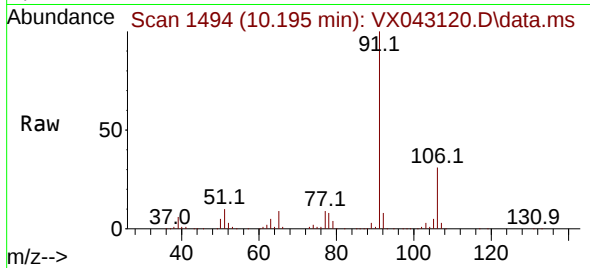
Tgt Ion:131 Resp: 26541
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 64.8 31.8 95.4





#67
Ethyl Benzene
Concen: 18.225 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

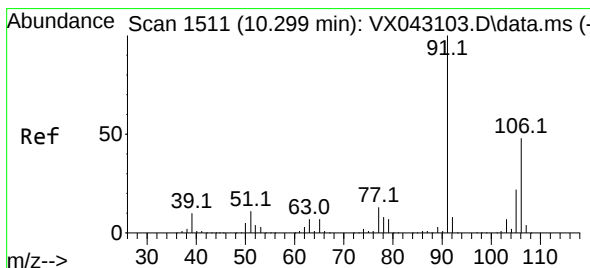
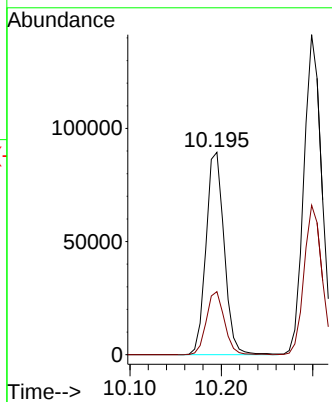
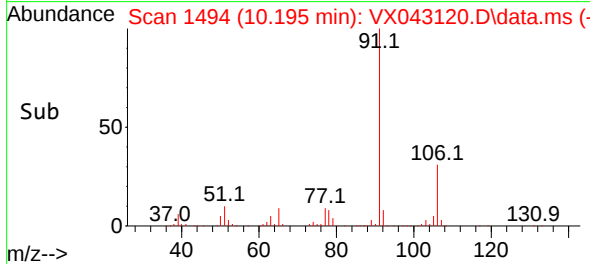
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion: 91 Resp: 123272
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4

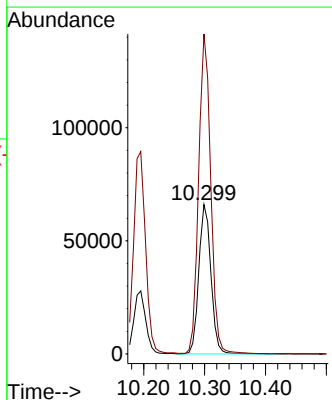
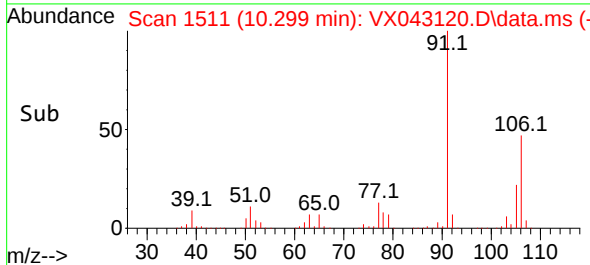
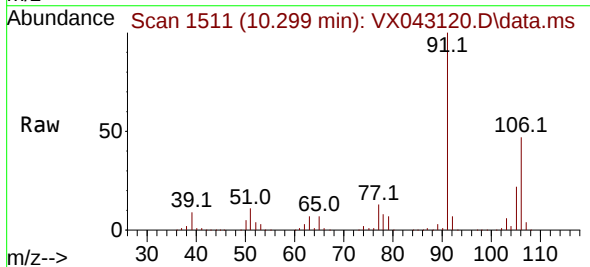
Manual Integrations
APPROVED

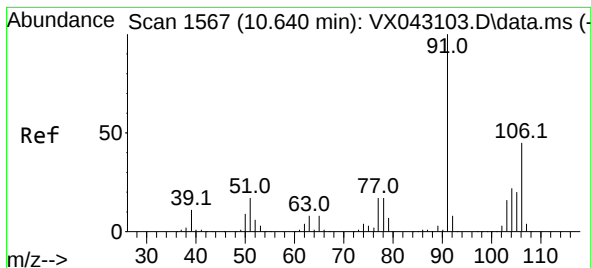
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#68
m/p-Xylenes
Concen: 36.204 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion:106 Resp: 91134
Ion Ratio Lower Upper
106 100
91 213.6 167.5 251.3





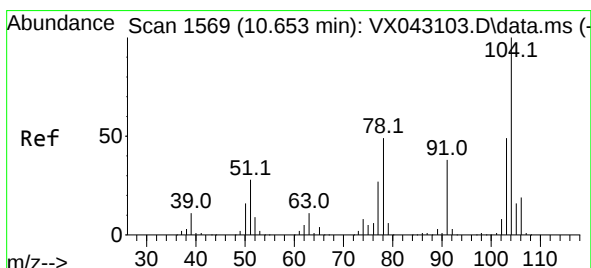
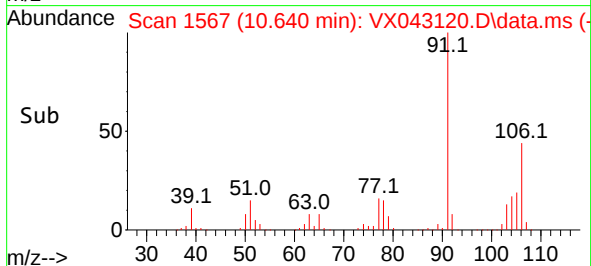
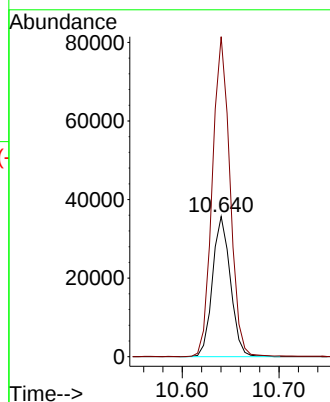
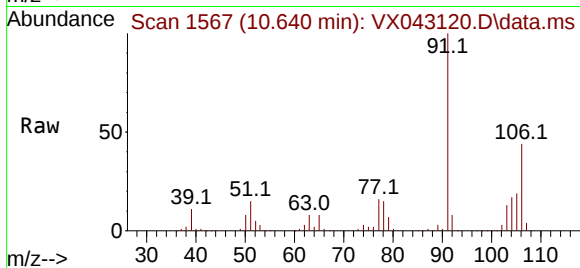
#69
o-Xylene
Concen: 18.211 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion:106 Resp: 4597
Ion Ratio Lower Upper
106 100
91 225.5 112.5 337.4

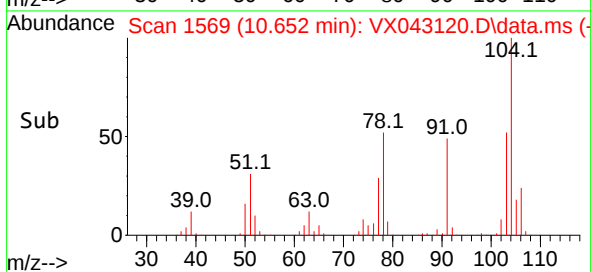
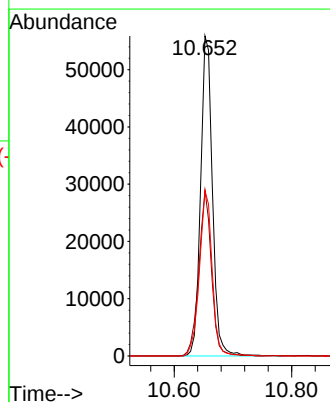
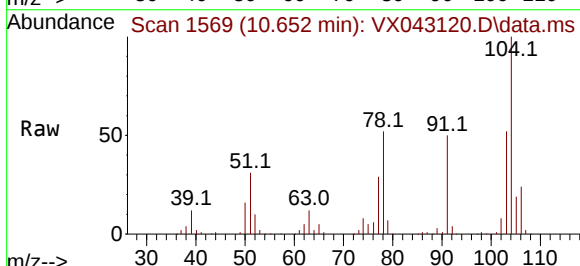
Manual Integrations
APPROVED

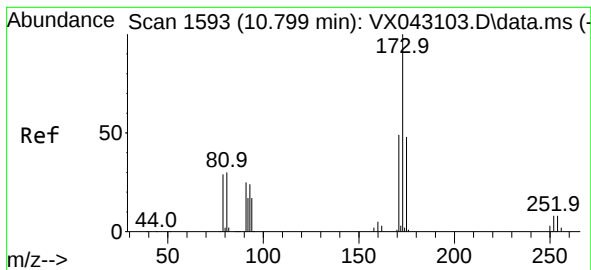
Reviewed By :John Carbone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#70
Styrene
Concen: 18.582 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion:104 Resp: 78256
Ion Ratio Lower Upper
104 100
78 55.4 44.3 66.5
103 55.5 43.4 65.0





#71

Bromoform

Concen: 18.218 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

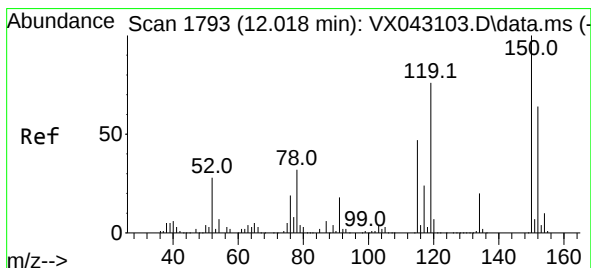
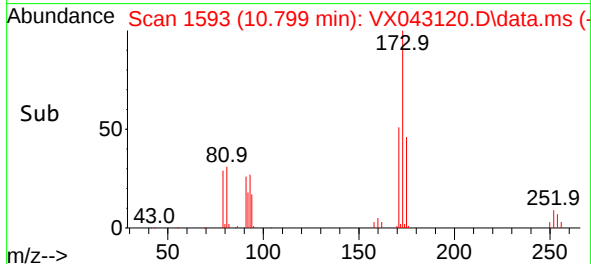
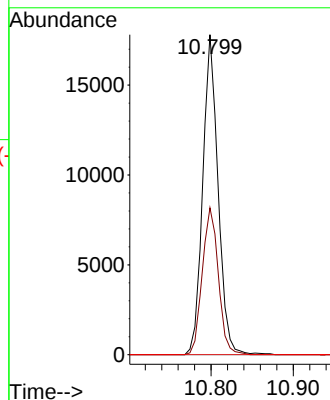
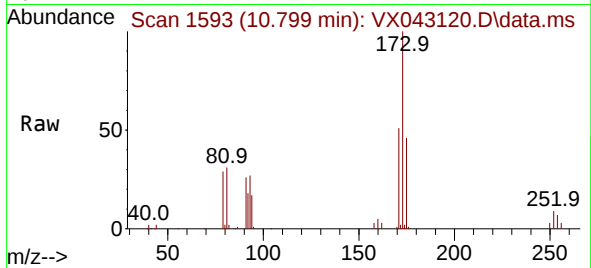
Tgt Ion:173 Resp: 23110
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.6 73.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

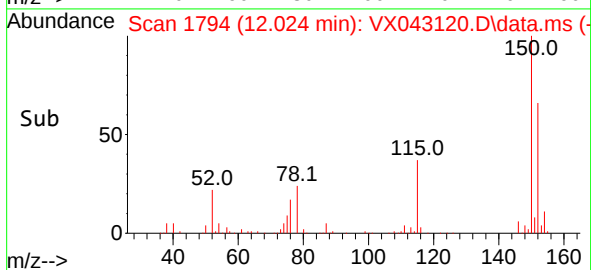
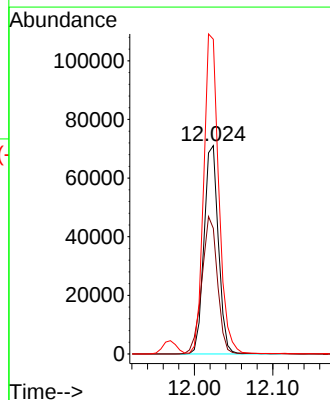
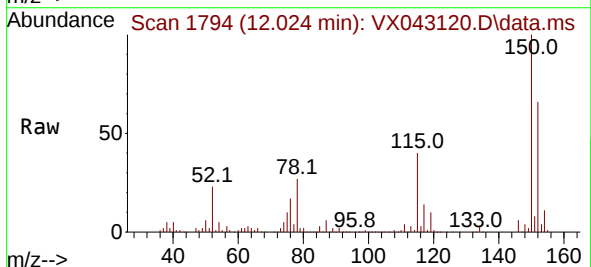
RT: 12.024 min Scan# 1794

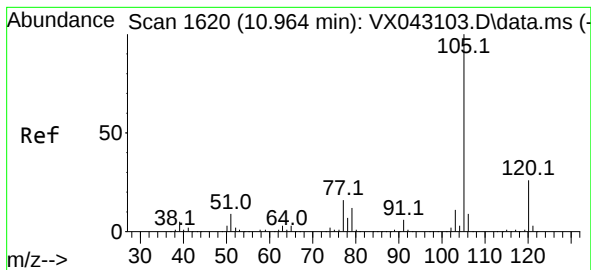
Delta R.T. 0.006 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Tgt Ion:152 Resp: 90701
 Ion Ratio Lower Upper
 152 100
 115 71.3 43.7 131.1
 150 160.4 0.0 344.6





#73

Isopropylbenzene

Concen: 17.851 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion:105 Resp: 121429

Ion Ratio Lower Upper

105 100

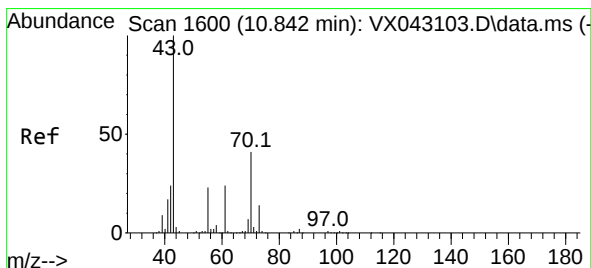
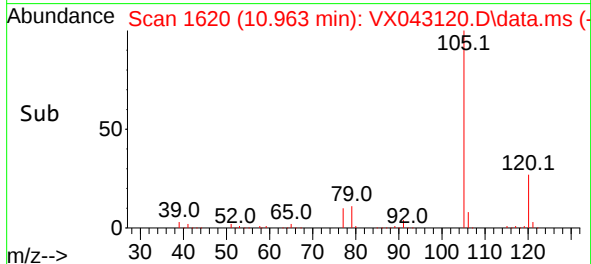
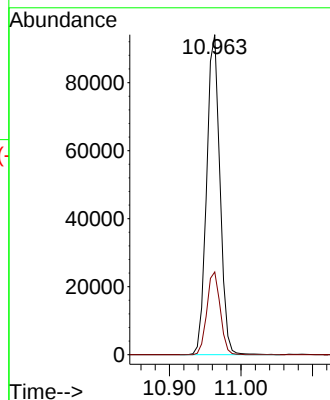
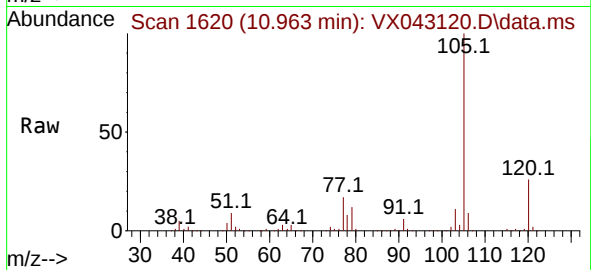
120 25.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#74

N-ethyl acetate

Concen: 19.202 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Tgt Ion: 43 Resp: 61372

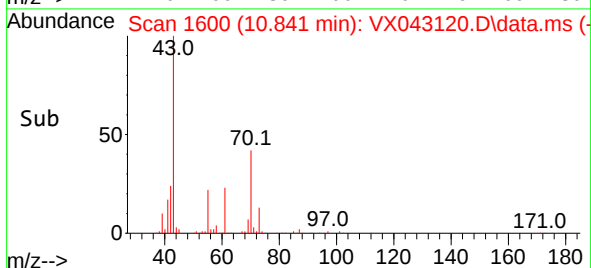
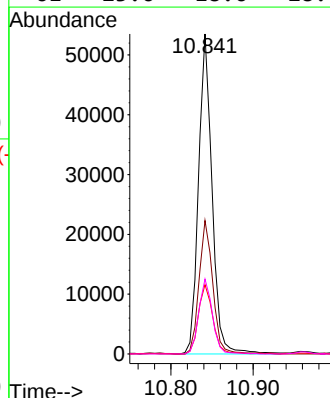
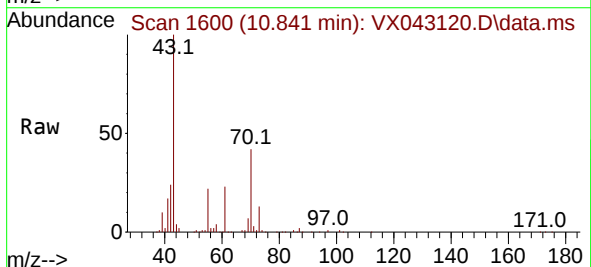
Ion Ratio Lower Upper

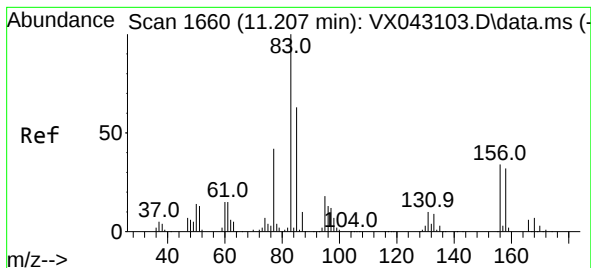
43 100

70 42.4 32.5 48.7

55 23.1 18.2 27.4

61 23.6 18.6 28.0





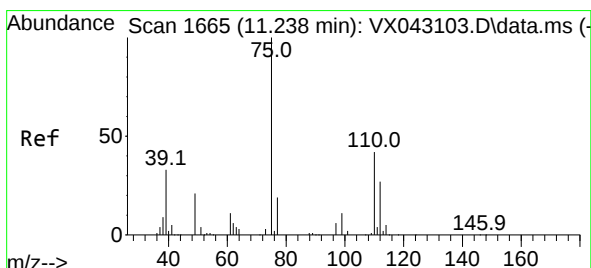
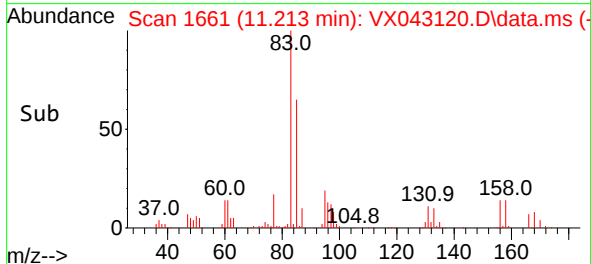
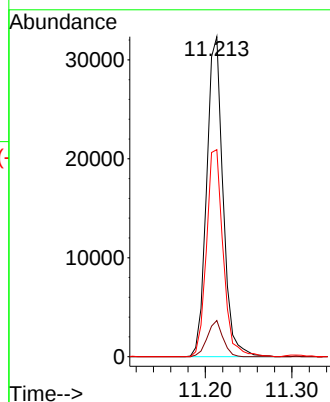
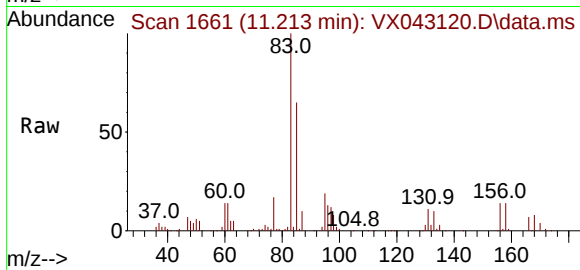
#75
1,1,2,2-Tetrachloroethane
Concen: 19.358 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion: 83 Resp: 42372
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.8
85 66.1 31.9 95.7

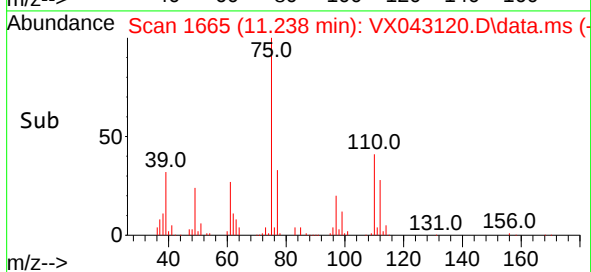
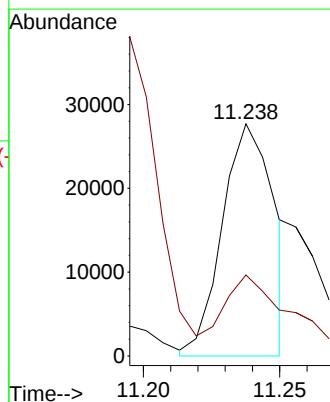
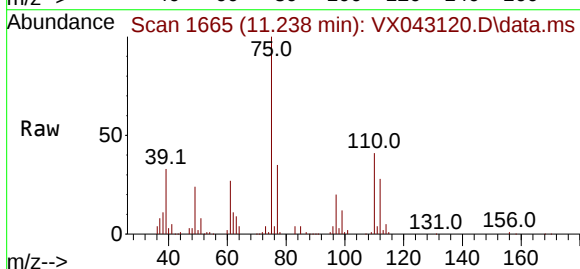
Manual Integrations
APPROVED

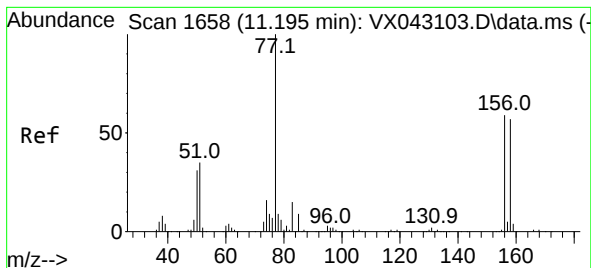
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#76
1,2,3-Trichloropropane
Concen: 18.930 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 75 Resp: 36504
Ion Ratio Lower Upper
75 100
77 45.9 21.9 65.7





#77

Bromobenzene

Concen: 18.570 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

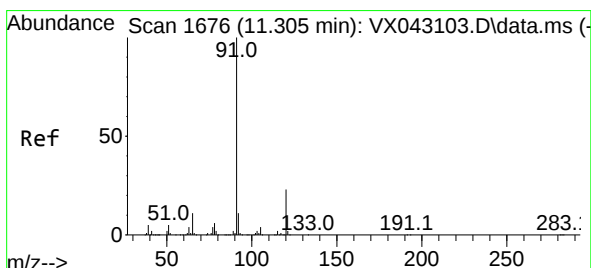
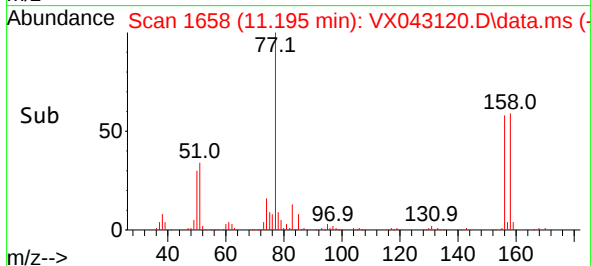
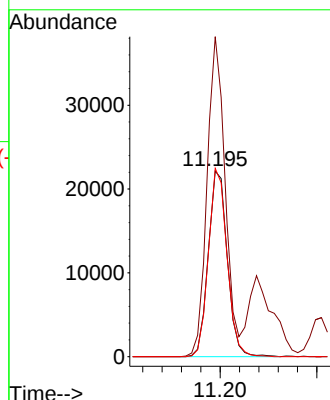
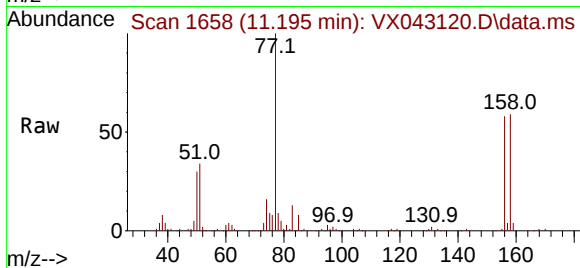
Tgt Ion:	156	Resp:	30324
Ion Ratio	Lower	Upper	
156	100		
77	163.0	82.5	247.3
158	99.0	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#78

n-propylbenzene

Concen: 17.939 ug/l

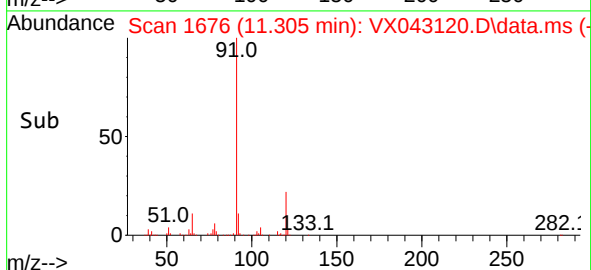
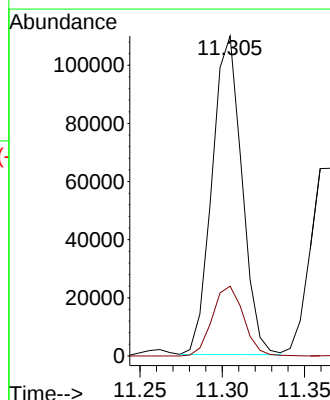
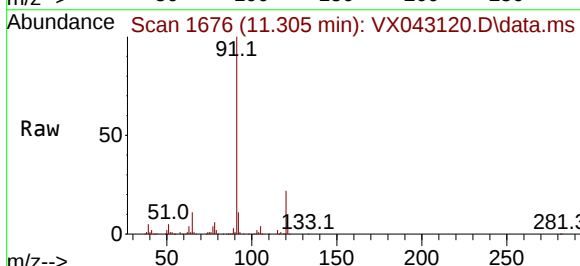
RT: 11.305 min Scan# 1676

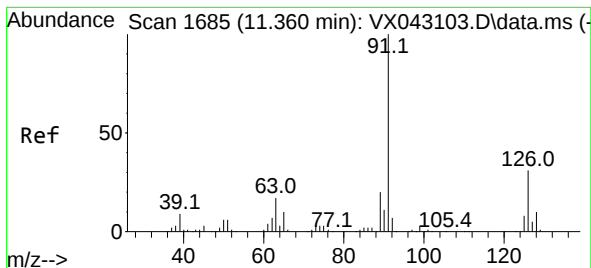
Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Tgt Ion:	91	Resp:	138446
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





#79

2-Chlorotoluene

Concen: 17.650 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion: 91 Resp: 8543

Ion Ratio Lower Upper

91 100

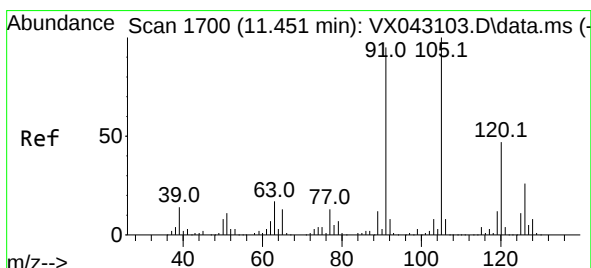
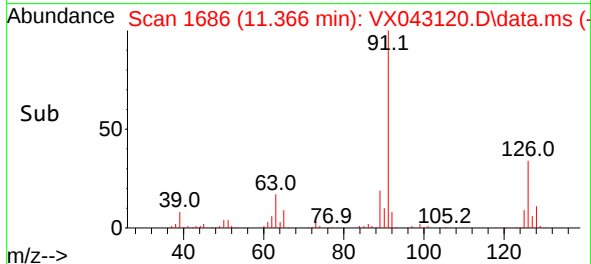
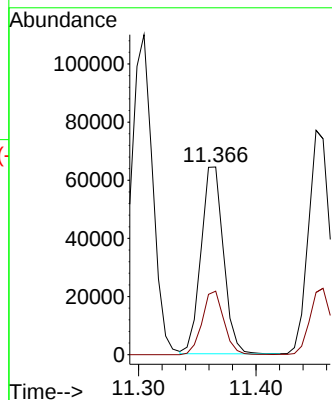
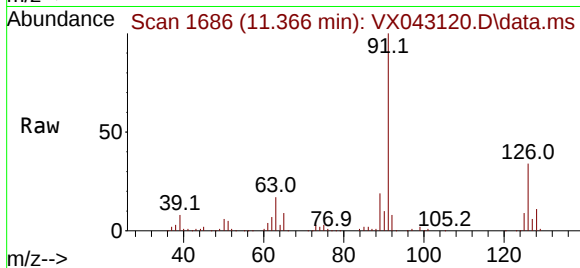
126 32.8 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 17.950 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043120.D

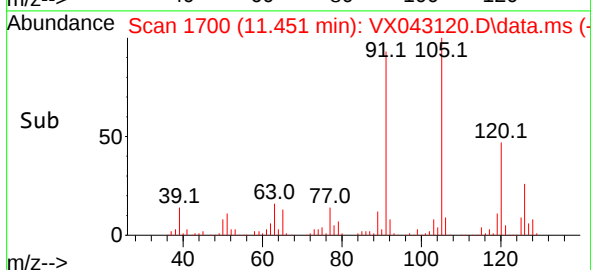
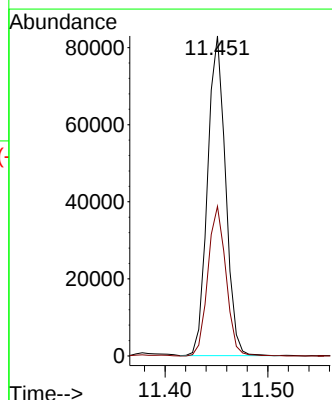
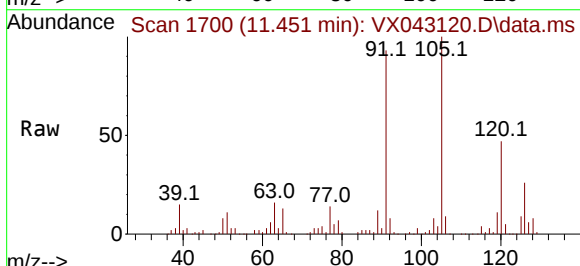
Acq: 24 Sep 2024 14:16

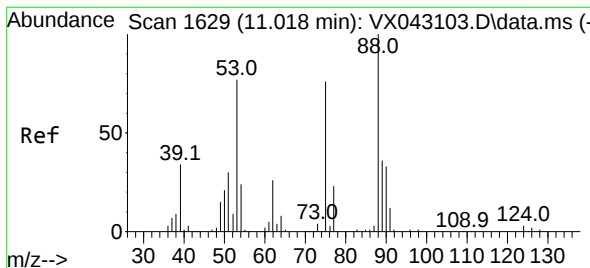
Tgt Ion:105 Resp: 101024

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.5





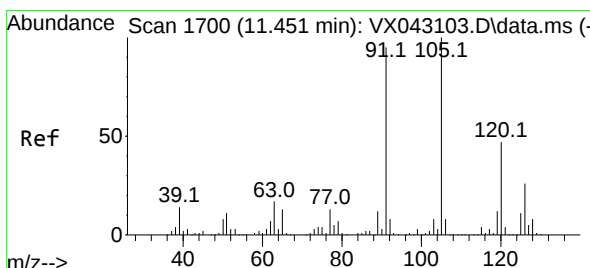
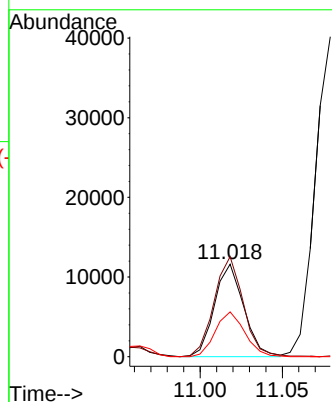
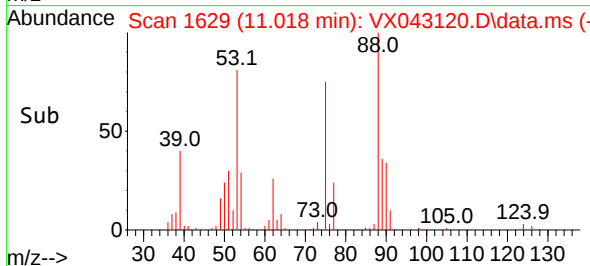
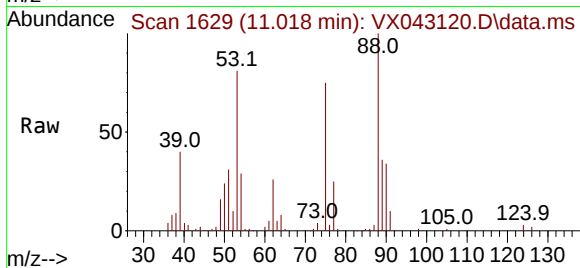
#81
trans-1,4-Dichloro-2-butene
Concen: 17.793 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01

Tgt Ion: 75 Resp: 1440
Ion Ratio Lower Upper
75 100
53 107.7 85.4 128.2
89 48.7 38.8 58.2

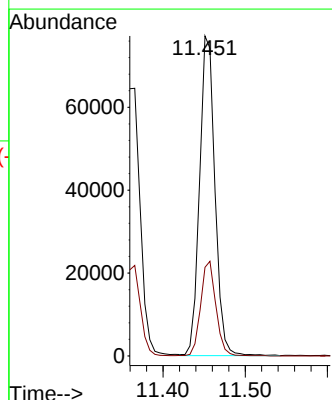
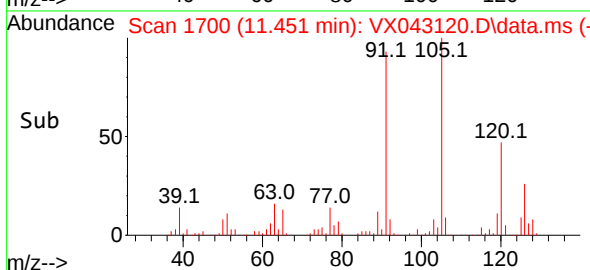
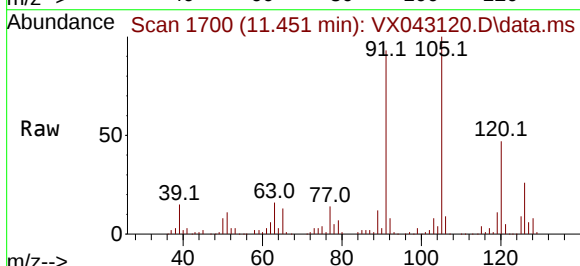
Manual Integrations
APPROVED

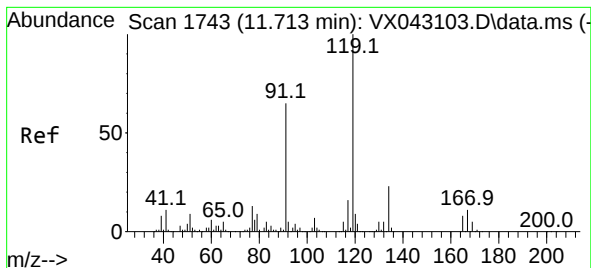
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#82
4-Chlorotoluene
Concen: 18.108 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

Tgt Ion: 91 Resp: 100186
Ion Ratio Lower Upper
91 100
126 29.5 14.1 42.4





#83

tert-Butylbenzene

Concen: 17.510 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion:119 Resp: 10154

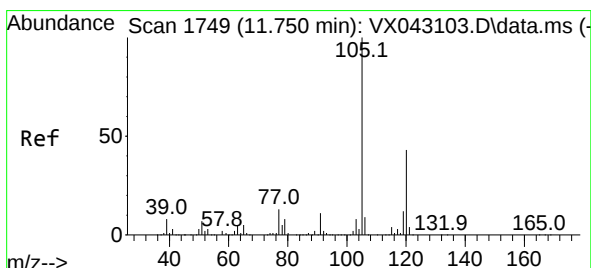
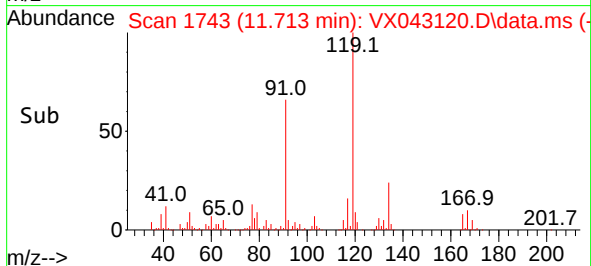
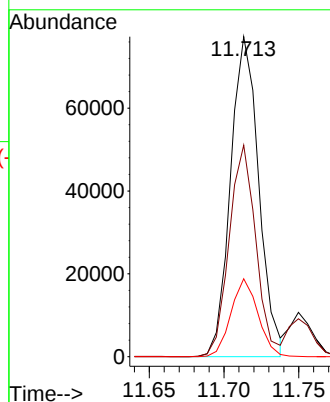
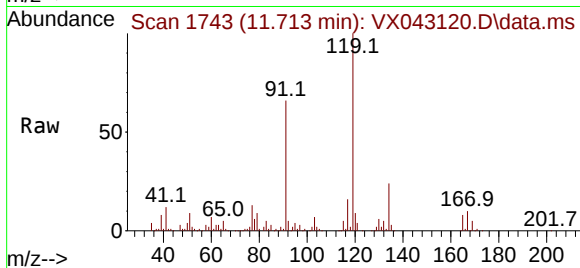
Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.8	95.3
134	23.3	11.6	34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 18.124 ug/l

RT: 11.750 min Scan# 1749

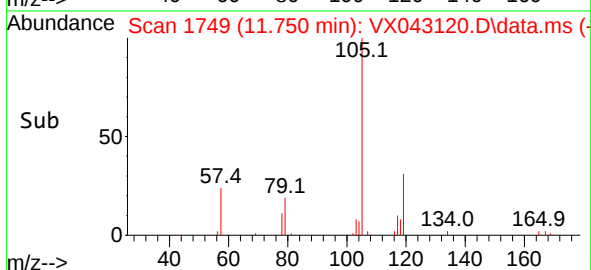
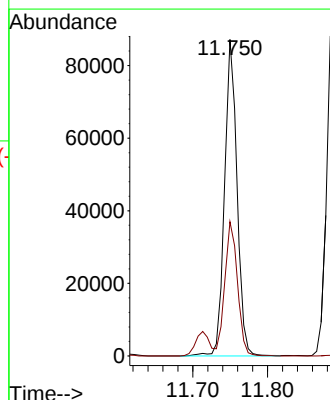
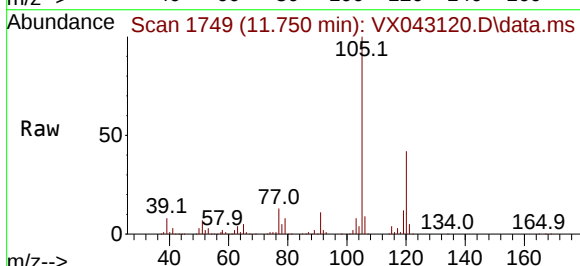
Delta R.T. -0.000 min

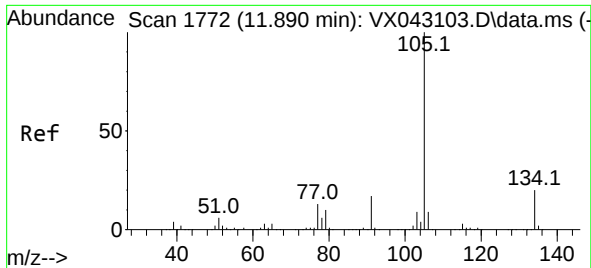
Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Tgt Ion:105 Resp: 101477

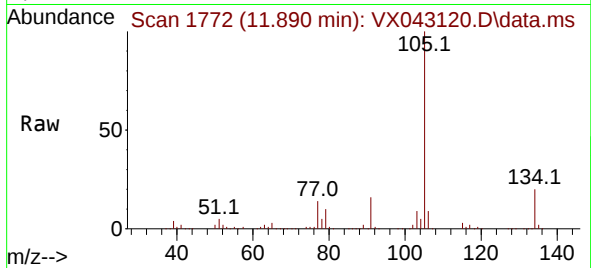
Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.8	65.4





#85
 sec-Butylbenzene
 Concen: 17.310 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043120.D
 Acq: 24 Sep 2024 14:16

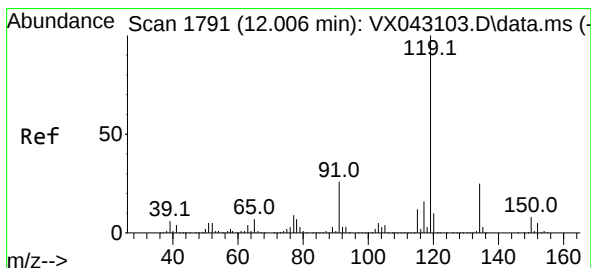
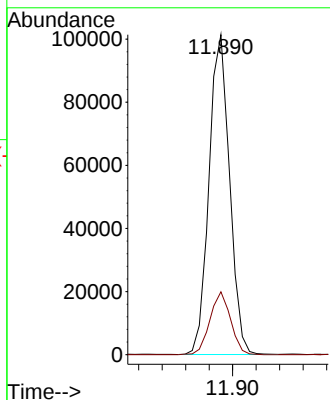
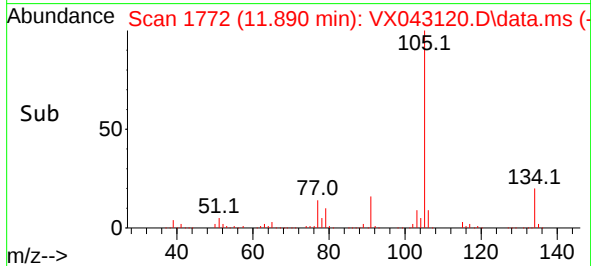
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBSD01



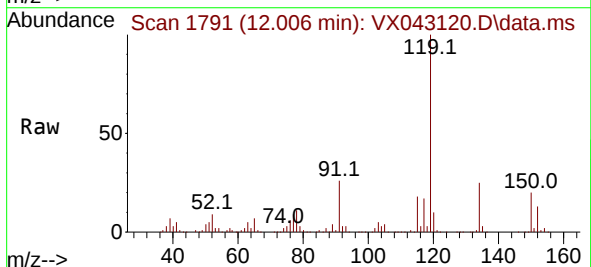
Tgt Ion:105 Resp: 123375
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8

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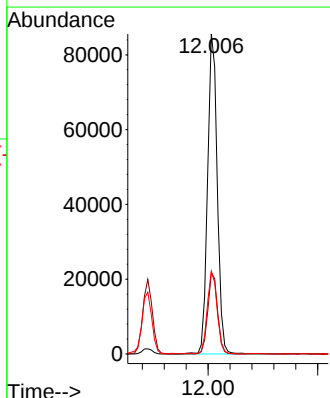
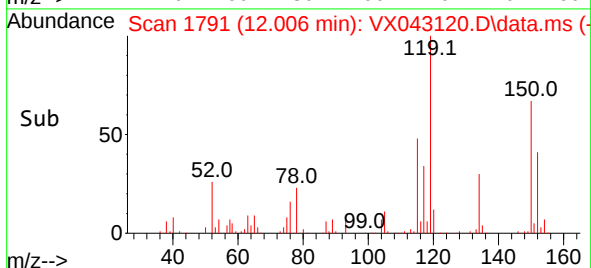
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024

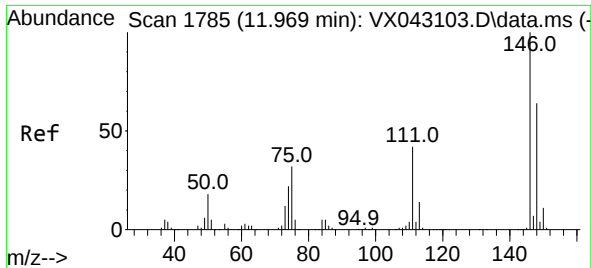


#86
 p-Isopropyltoluene
 Concen: 17.606 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043120.D
 Acq: 24 Sep 2024 14:16



Tgt Ion:119 Resp: 104183
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 26.2 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 18.190 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

Tgt Ion:146 Resp: 54160

Ion Ratio Lower Upper

146 100

111 43.0 21.6 64.6

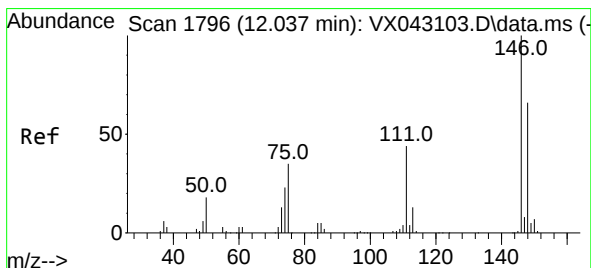
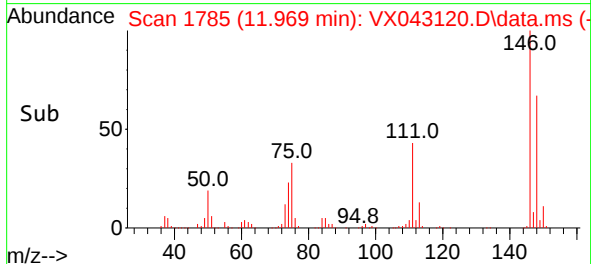
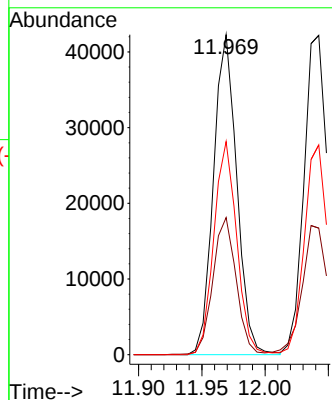
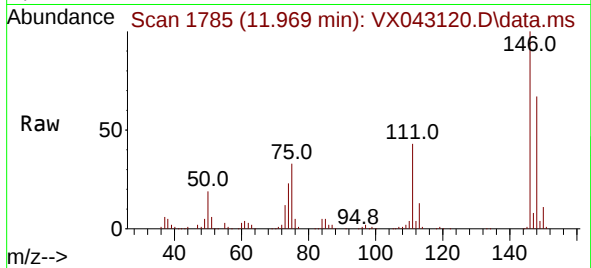
148 65.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#88

1,4-Dichlorobenzene

Concen: 18.544 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

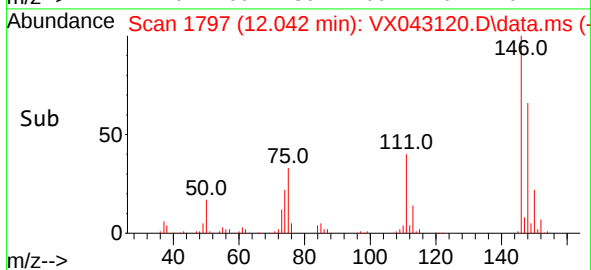
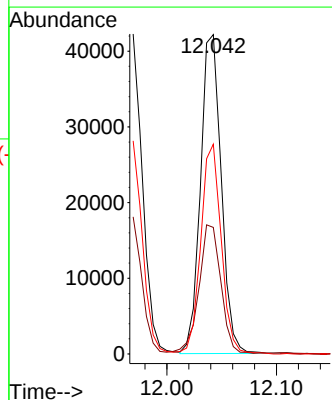
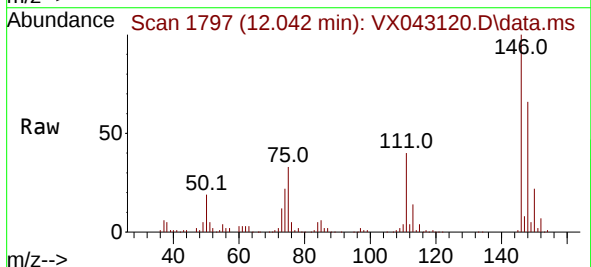
Tgt Ion:146 Resp: 55367

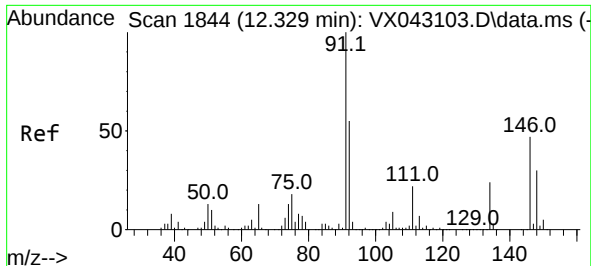
Ion Ratio Lower Upper

146 100

111 42.7 21.2 63.6

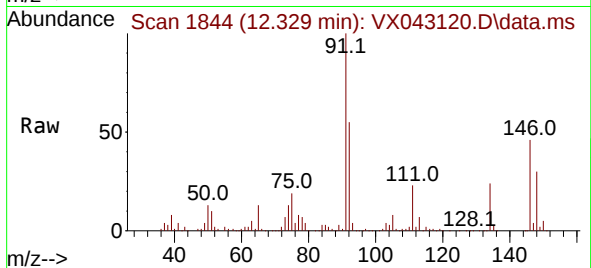
148 65.0 32.6 98.0





#89
n-Butylbenzene
Concen: 17.949 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

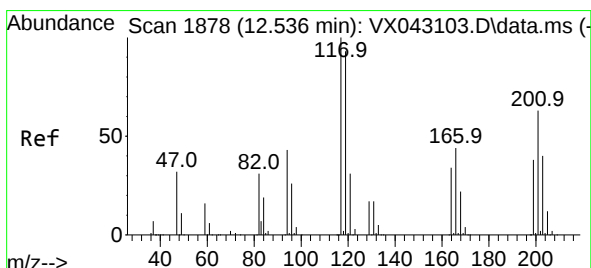
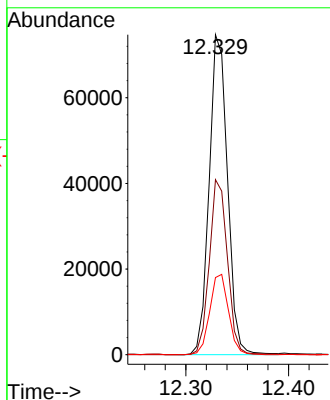
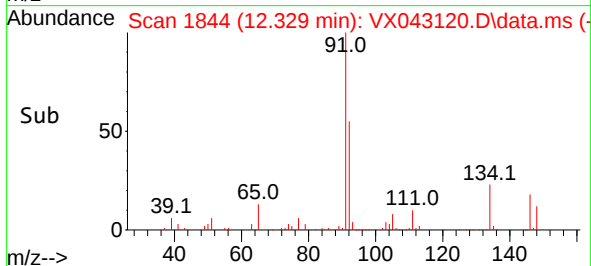
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



Tgt Ion: 91 Resp: 9256
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 25.6 12.6 37.6

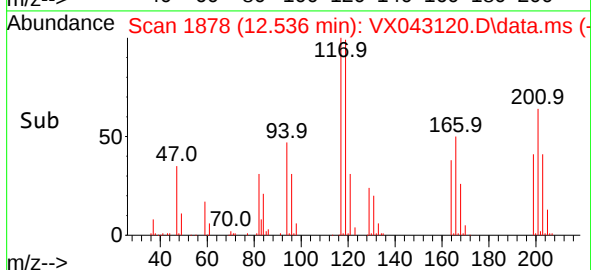
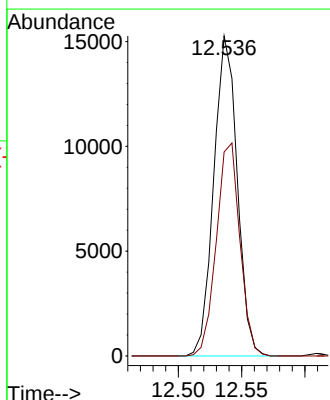
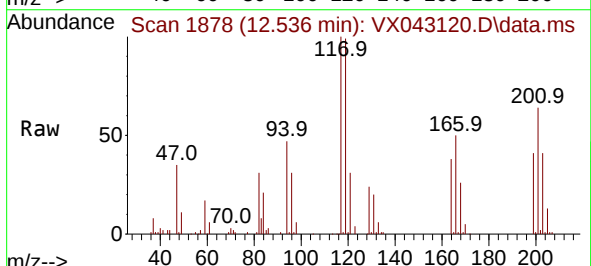
Manual Integrations
APPROVED

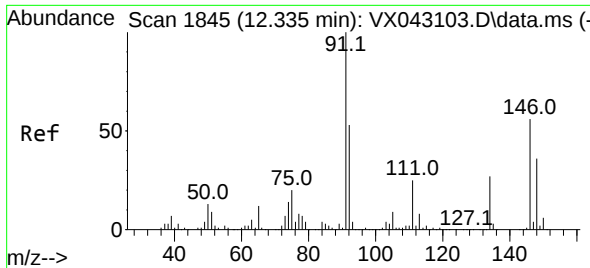
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#90
Hexachloroethane
Concen: 16.645 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

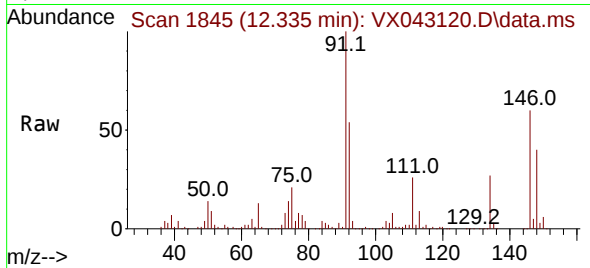
Tgt Ion:117 Resp: 19629
Ion Ratio Lower Upper
117 100
201 67.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 18.463 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

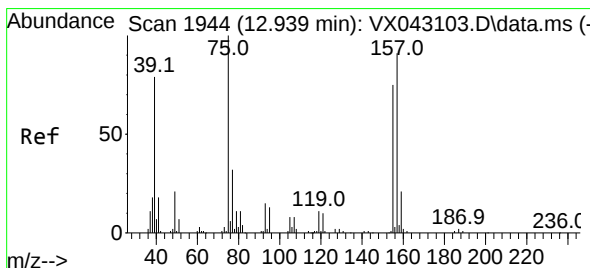
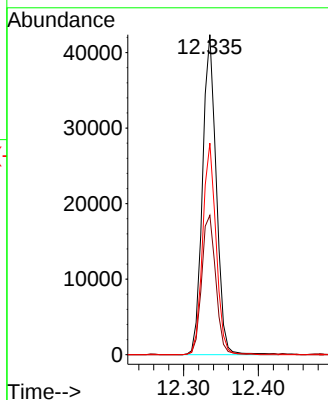
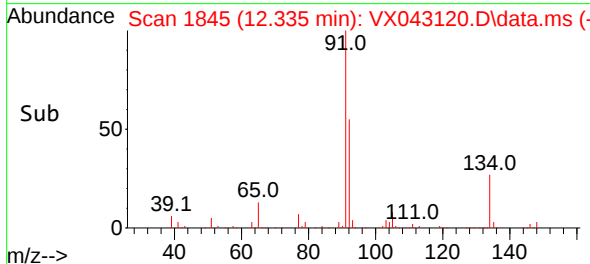
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



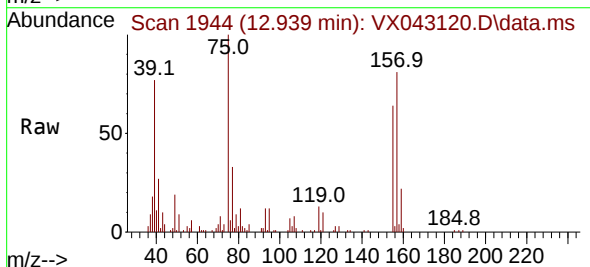
Tgt Ion:146 Resp: 54139
Ion Ratio Lower Upper
146 100
111 44.7 22.6 67.8
148 64.4 32.0 96.2

Manual Integrations
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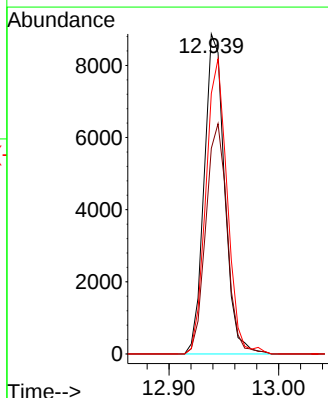
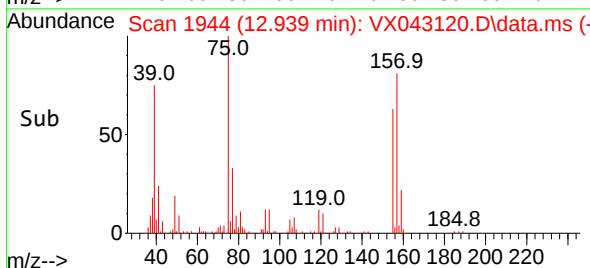
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

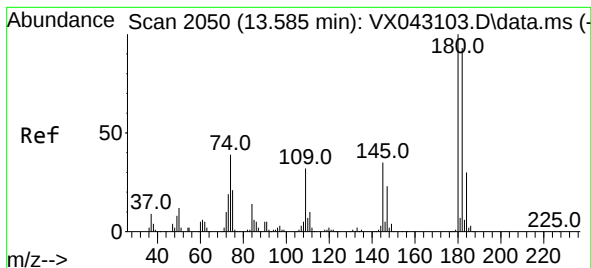


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.380 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16



Tgt Ion: 75 Resp: 11469
Ion Ratio Lower Upper
75 100
155 75.7 38.6 115.8
157 96.3 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 18.106 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBSD01

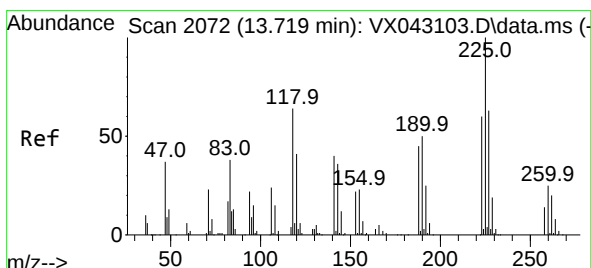
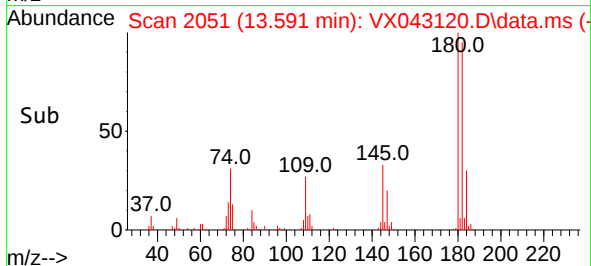
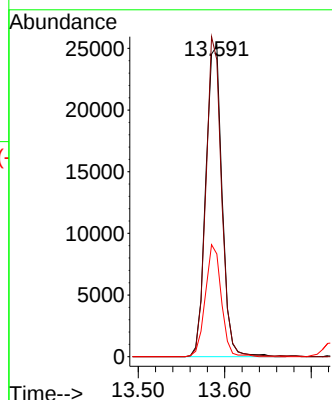
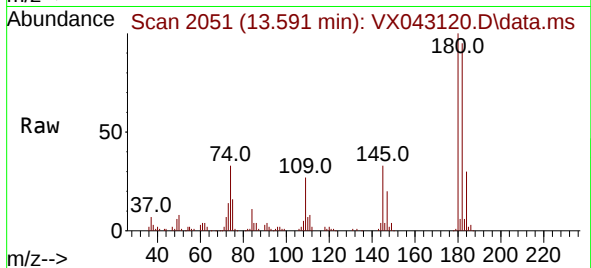
Tgt Ion:	180	Resp:	32910
Ion Ratio	Lower	Upper	
180	100		
182	98.3	46.7	140.0
145	35.3	17.0	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#94

Hexachlorobutadiene

Concen: 16.100 ug/l

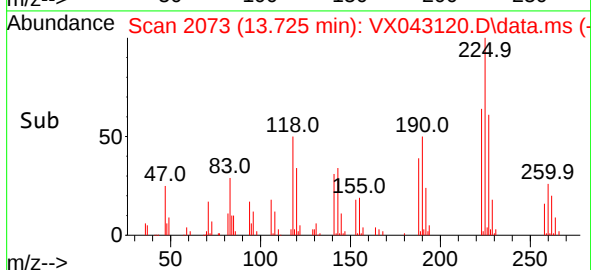
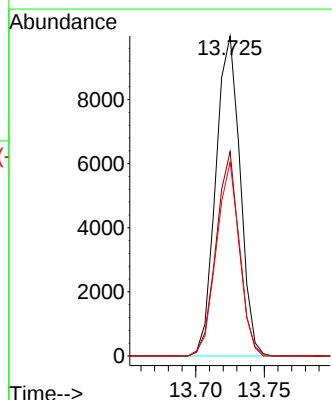
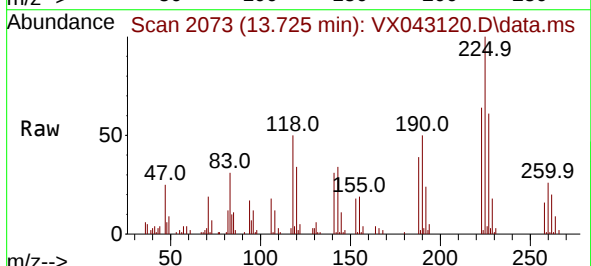
RT: 13.725 min Scan# 2073

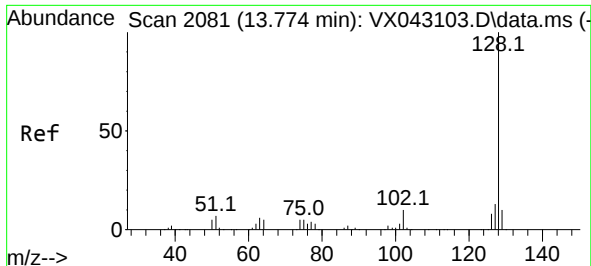
Delta R.T. 0.006 min

Lab File: VX043120.D

Acq: 24 Sep 2024 14:16

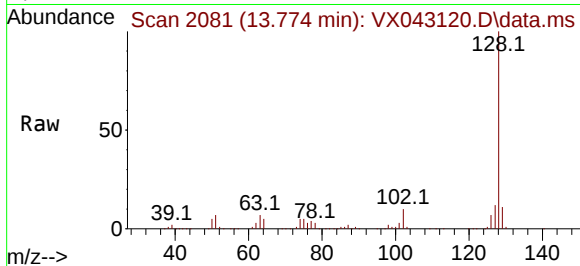
Tgt Ion:	225	Resp:	12297
Ion Ratio	Lower	Upper	
225	100		
223	60.2	31.8	95.4
227	58.2	31.9	95.7





#95
Naphthalene
Concen: 19.550 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16

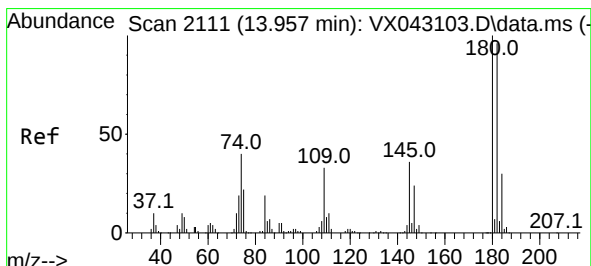
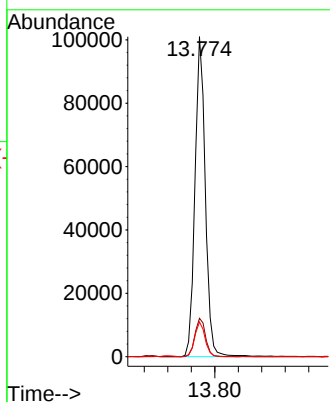
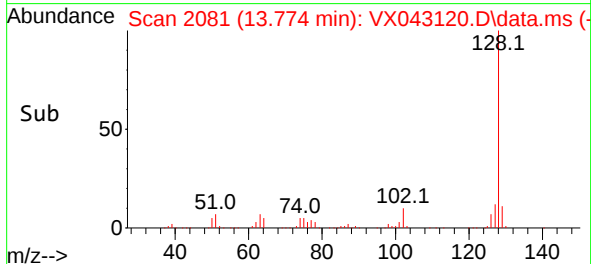
Instrument :
MSVOA_X
ClientSampleId :
VX0924WBSD01



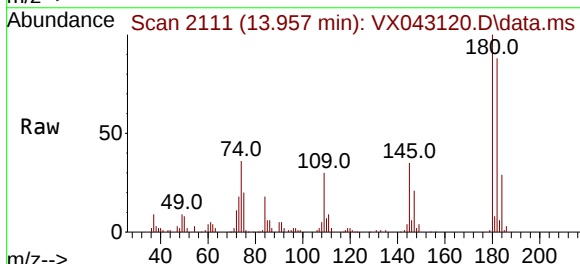
Tgt Ion:128 Resp: 123534
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.702 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX043120.D
Acq: 24 Sep 2024 14:16



Tgt Ion:180 Resp: 33780
Ion Ratio Lower Upper
180 100
182 92.8 47.8 143.4
145 35.8 17.7 53.1

