

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092324\
 Data File : VX043103.D
 Acq On : 23 Sep 2024 09:56
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/24/2024
 Supervised By : Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 02:49:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93841	47.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	5.379	113	70090	49.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.647	98	237819	49.266	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	96039	49.403	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	61663	49.112	ug/l	100
3) Chloromethane	1.301	50	59962	46.777	ug/l	100
4) Vinyl Chloride	1.374	62	62530	48.023	ug/l	100
5) Bromomethane	1.605	94	43385	57.917	ug/l	100
6) Chloroethane	1.685	64	39788	47.726	ug/l	100
7) Trichlorofluoromethane	1.886	101	111737	48.345	ug/l	100
8) Diethyl Ether	2.136	74	37632	48.496	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	62572	47.966	ug/l	100
10) Methyl Iodide	2.453	142	77009	49.668	ug/l	100
11) Tert butyl alcohol	2.959	59	104694	239.769	ug/l	100
12) 1,1-Dichloroethene	2.319	96	59750	47.885	ug/l	100
13) Acrolein	2.240	56	9106	162.149	ug/l	100
14) Allyl chloride	2.666	41	107464	46.381	ug/l	100
15) Acrylonitrile	3.063	53	181569	239.720	ug/l	100
16) Acetone	2.380	43	232054	253.728	ug/l	100
17) Carbon Disulfide	2.514	76	144694	46.652	ug/l	100
18) Methyl Acetate	2.703	43	125759	51.088	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	228276	48.013	ug/l	100
20) Methylene Chloride	2.788	84	66793	45.904	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	60075	46.530	ug/l	100
22) Diisopropyl ether	3.764	45	204986	47.249	ug/l	100
23) Vinyl Acetate	3.721	43	1210428	237.176	ug/l	100
24) 1,1-Dichloroethane	3.611	63	120070	47.868	ug/l	100
25) 2-Butanone	4.550	43	287310	243.700	ug/l	100
26) 2,2-Dichloropropane	4.471	77	119272	46.980	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	76220	47.421	ug/l	100
28) Bromochloromethane	4.898	49	50897	46.096	ug/l	100
29) Tetrahydrofuran	5.001	42	166793	235.246	ug/l	100
30) Chloroform	5.093	83	130663	47.244	ug/l	100
31) Cyclohexane	5.471	56	91962	47.816	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	124223	47.416	ug/l	100
36) 1,1-Dichloropropene	5.690	75	82849	47.255	ug/l	100
37) Ethyl Acetate	4.715	43	100509	45.641	ug/l	100
38) Carbon Tetrachloride	5.678	117	106302	47.069	ug/l	100
39) Methylcyclohexane	7.379	83	104104	47.314	ug/l	100
40) Benzene	6.038	78	248502	48.035	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 02:22:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55768	50.939	ug/l	100
42) 1,2-Dichloroethane	6.086	62	105472	48.015	ug/l	100
43) Isopropyl Acetate	6.336	43	175804	47.796	ug/l	100
44) Trichloroethene	7.123	130	67925	47.987	ug/l	100
45) 1,2-Dichloropropane	7.428	63	62707	48.664	ug/l	100
46) Dibromomethane	7.580	93	51340	47.316	ug/l	100
47) Bromodichloromethane	7.818	83	109886	48.703	ug/l	100
48) Methyl methacrylate	7.690	41	84090	46.544	ug/l	100
49) 1,4-Dioxane	7.659	88	34220	1003.349	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	544248	240.855	ug/l	100
52) Toluene	8.714	92	162207	48.687	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	112888	48.740	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	112919	48.818	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	66277	48.316	ug/l	100
56) Ethyl methacrylate	9.116	69	116103	48.640	ug/l	100
57) 1,3-Dichloropropane	9.305	76	110704	47.449	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	244288	253.107	ug/l	100
59) 2-Hexanone	9.427	43	439958	249.003	ug/l	100
60) Dibromochloromethane	9.519	129	86353	48.204	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71867	47.881	ug/l	100
64) Tetrachloroethene	9.269	164	62891	47.621	ug/l	100
65) Chlorobenzene	10.080	112	185385	47.148	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	69331	47.803	ug/l	100
67) Ethyl Benzene	10.189	91	327155	48.099	ug/l	100
68) m/p-Xylenes	10.299	106	244673	96.662	ug/l	100
69) o-Xylene	10.640	106	119746	47.166	ug/l	100
70) Styrene	10.653	104	207709	49.047	ug/l	100
71) Bromoform	10.799	173	62441	48.950	ug/l #	100
73) Isopropylbenzene	10.964	105	321340	46.888	ug/l	100
74) N-amyl acetate	10.842	43	154458	47.967	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	103809	47.072	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	92335m	47.525	ug/l	
77) Bromobenzene	11.195	156	78130	47.488	ug/l	100
78) n-propylbenzene	11.305	91	369241	47.488	ug/l	100
79) 2-Chlorotoluene	11.360	91	226327	46.407	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	269488	47.526	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38491	47.202	ug/l	100
82) 4-Chlorotoluene	11.451	91	265245	47.583	ug/l	100
83) tert-Butylbenzene	11.713	119	271271	46.427	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	270066	47.873	ug/l	100
85) sec-Butylbenzene	11.890	105	338165	47.090	ug/l	100
86) p-Isopropyltoluene	12.006	119	284049	47.643	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	142321	47.442	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	140649	46.755	ug/l	100
89) n-Butylbenzene	12.329	91	254607	49.001	ug/l	100
90) Hexachloroethane	12.536	117	57839	48.679	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	138432	46.857	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27996	46.954	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	87290	47.657	ug/l	100
94) Hexachlorobutadiene	13.719	225	36338	47.219	ug/l	100
95) Naphthalene	13.774	128	303177	47.621	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	86731	47.659	ug/l	100

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ClientSampleId :
VSTDICCC050

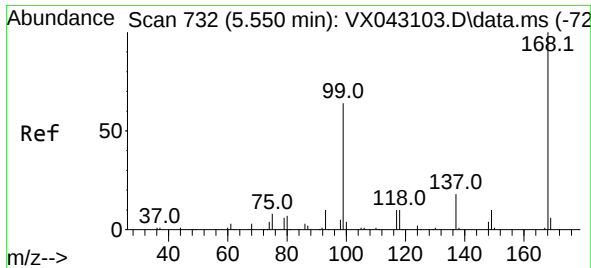
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

Quant Time: Sep 24 02:49:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 02:22:33 2024
Response via : Initial Calibration

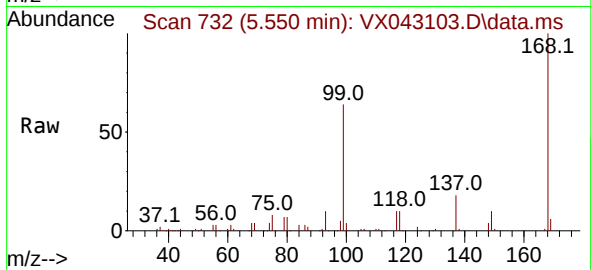
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043103.D
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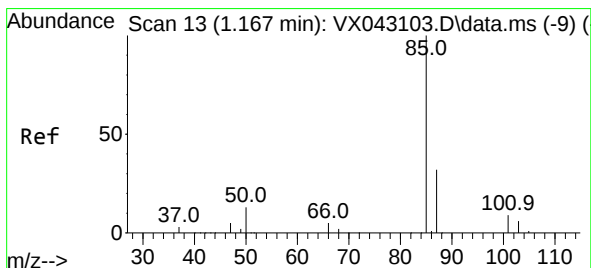
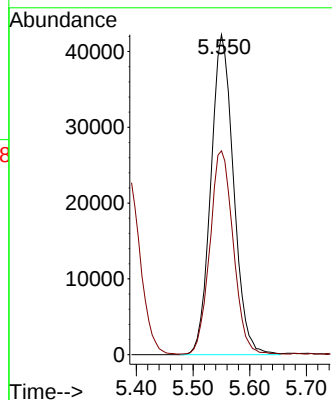
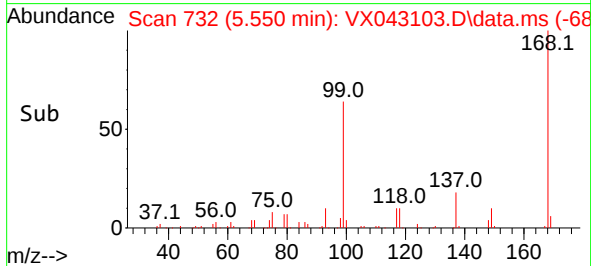
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 11773
Ion Ratio Lower Upper
168 100
99 63.5 50.8 76.2

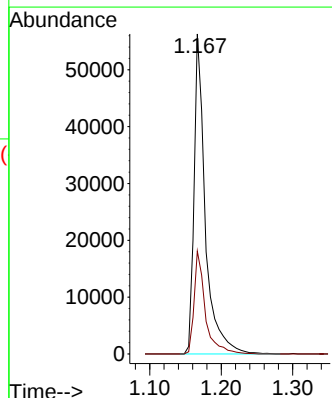
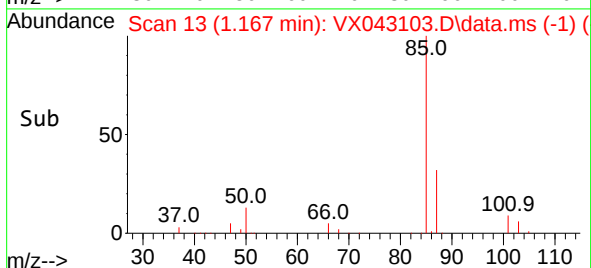
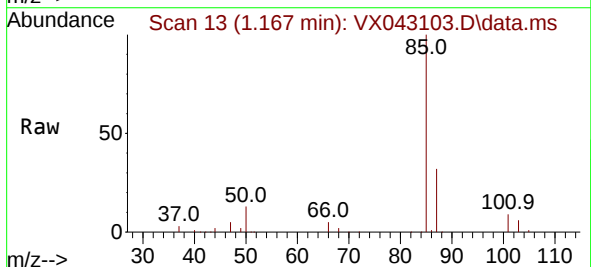
Manual Integrations
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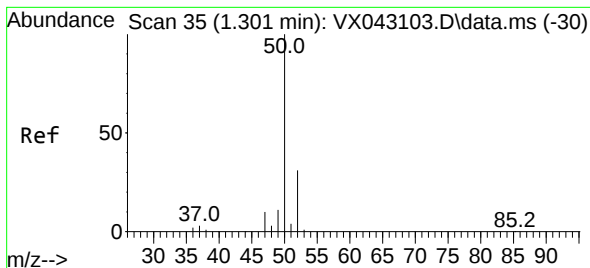
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#2
Dichlorodifluoromethane
Concen: 49.112 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 85 Resp: 61663
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





#3

Chloromethane

Concen: 46.777 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 5996

Ion Ratio Lower Upper

50 100

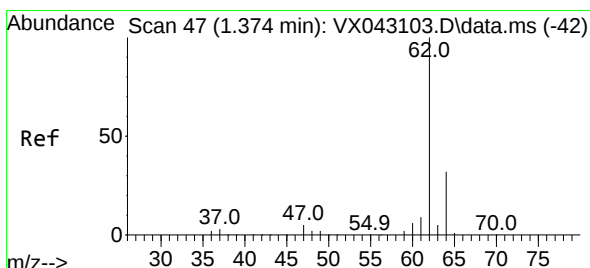
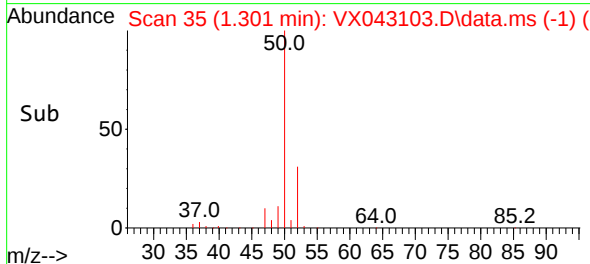
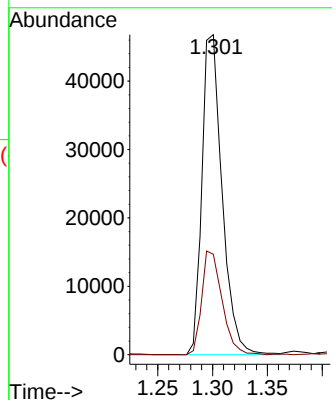
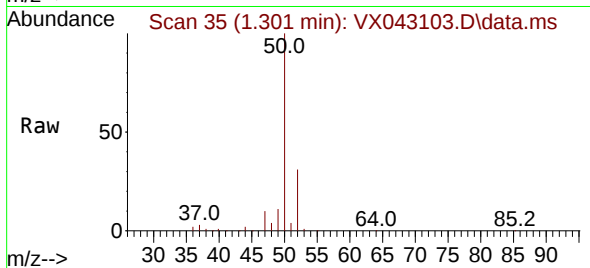
52 31.4 25.1 37.7

Manual Integrations

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Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#4

Vinyl Chloride

Concen: 48.023 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX043103.D

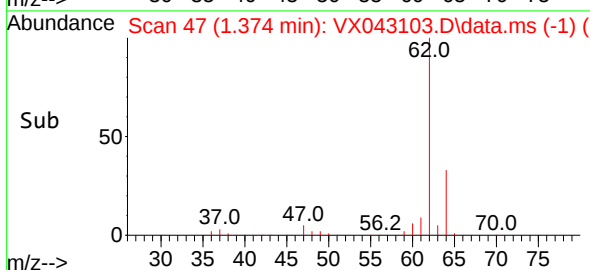
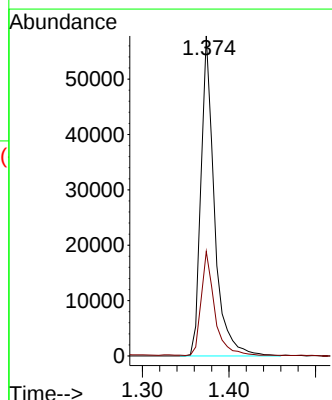
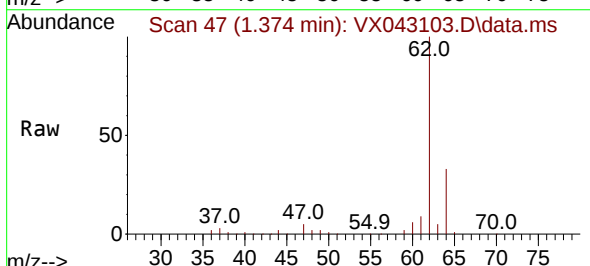
Acq: 23 Sep 2024 09:56

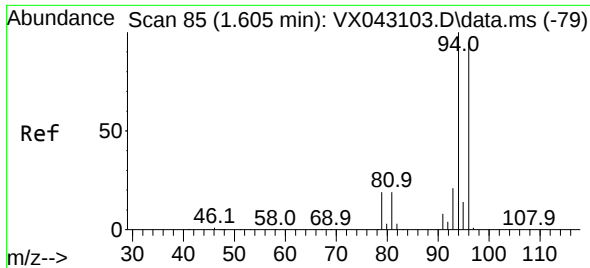
Tgt Ion: 62 Resp: 62530

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





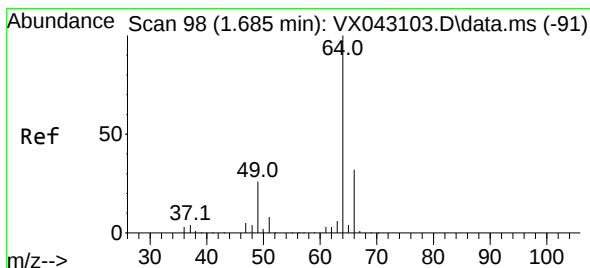
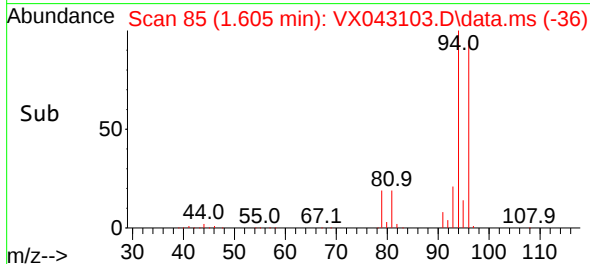
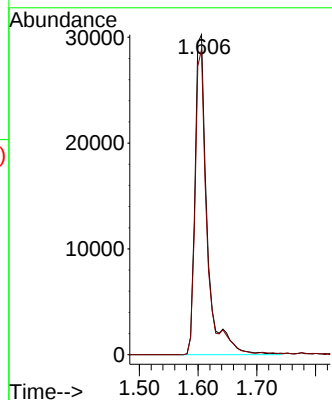
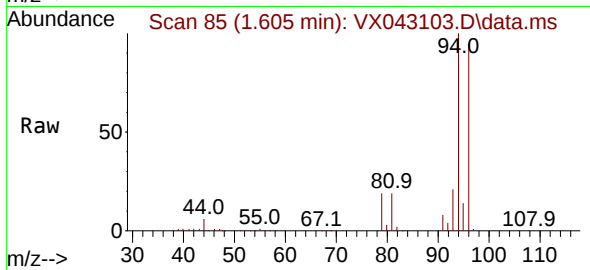
#5
Bromomethane
Concen: 57.917 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4338
Ion Ratio Lower Upper
94 100
96 95.3 76.2 114.4

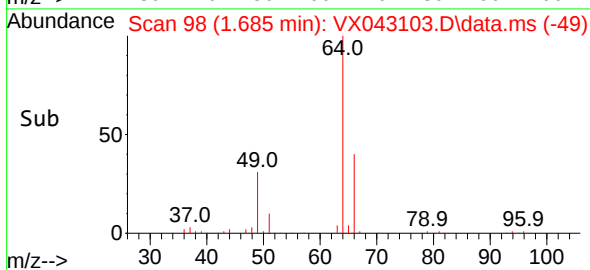
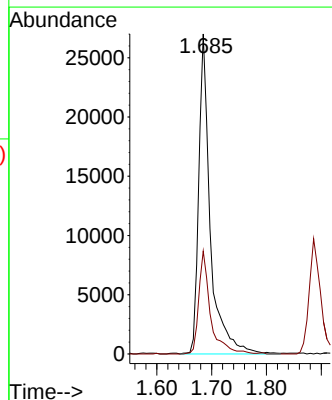
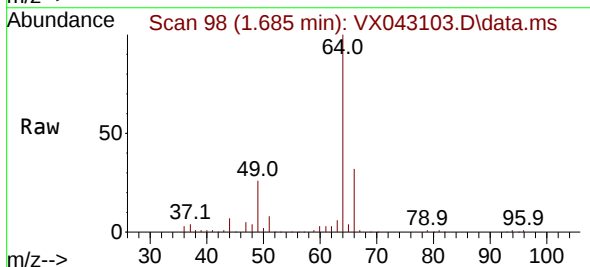
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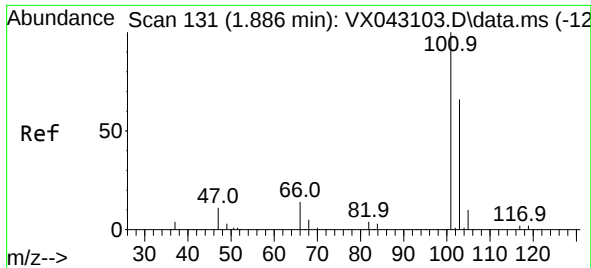
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#6
Chloroethane
Concen: 47.726 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 64 Resp: 39788
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6





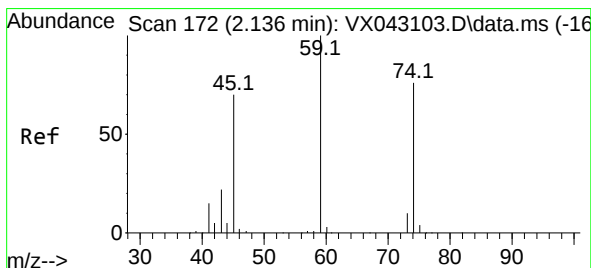
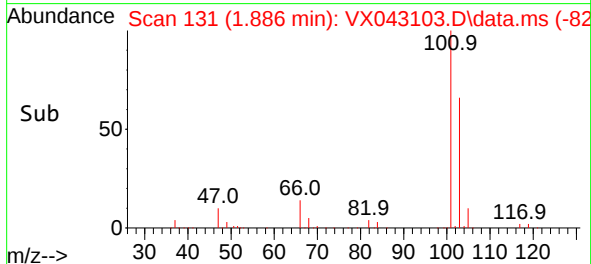
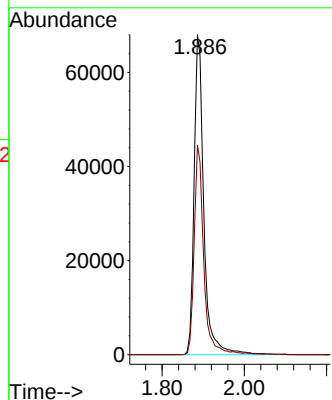
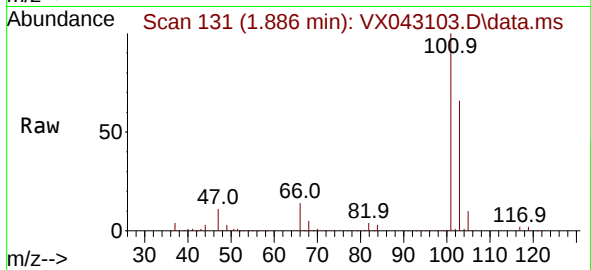
#7
Trichlorofluoromethane
Concen: 48.345 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 11173
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6

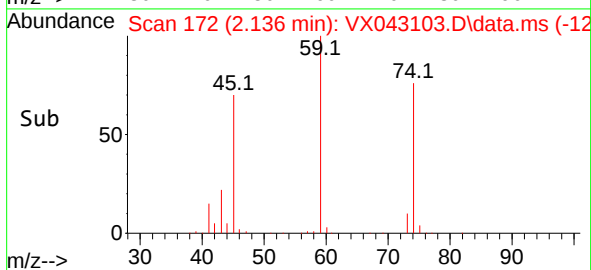
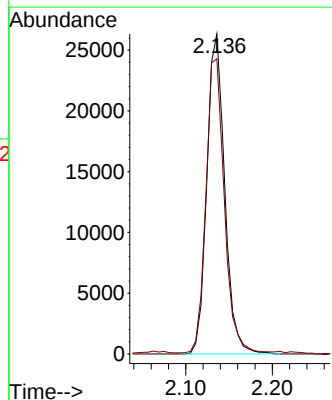
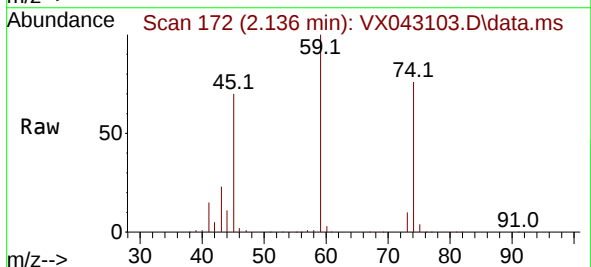
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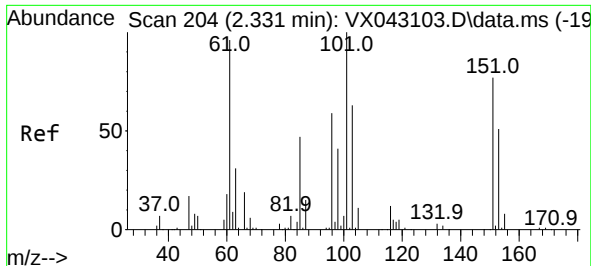
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#8
Diethyl Ether
Concen: 48.496 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

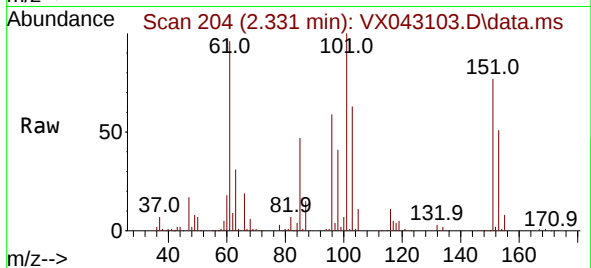
Tgt Ion: 74 Resp: 37632
Ion Ratio Lower Upper
74 100
45 97.2 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.966 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX043103.D
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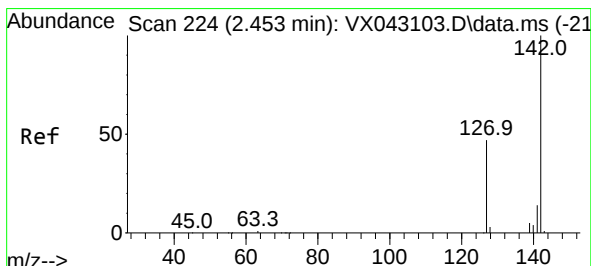
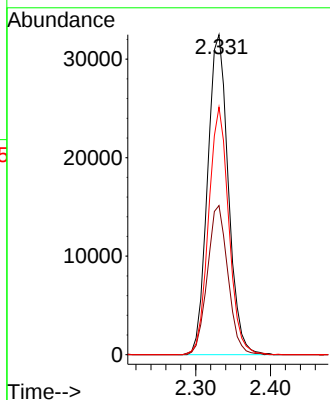
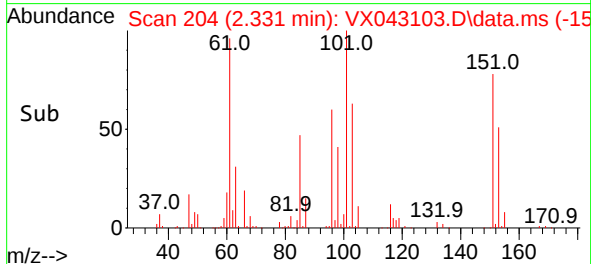
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 62572
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.4
151 75.3 60.2 90.4

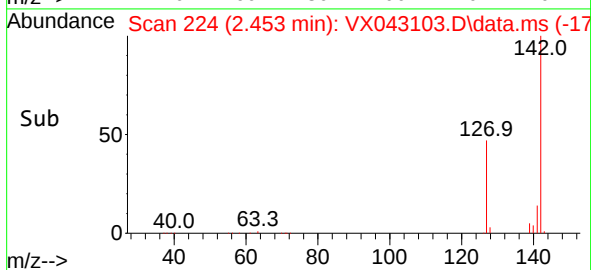
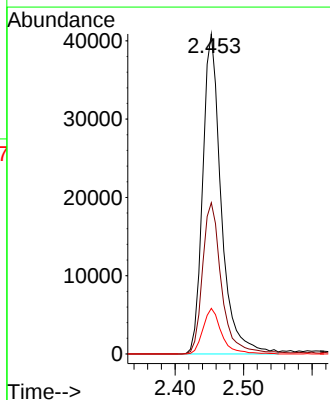
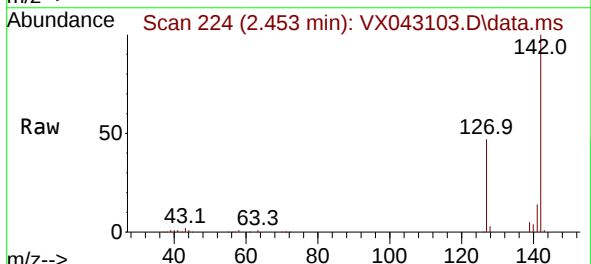
Manual Integrations
APPROVED

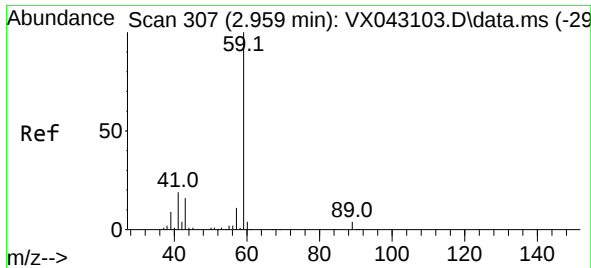
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#10
Methyl Iodide
Concen: 49.668 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:142 Resp: 77009
Ion Ratio Lower Upper
142 100
127 48.6 38.9 58.3
141 14.3 11.4 17.2





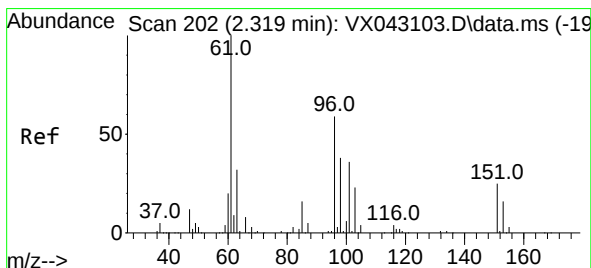
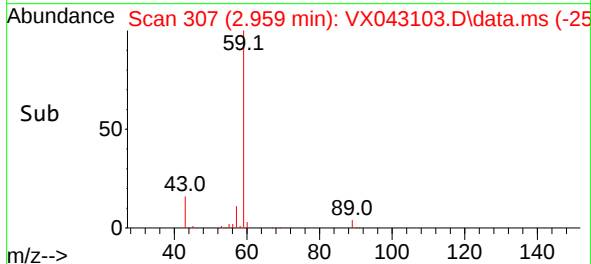
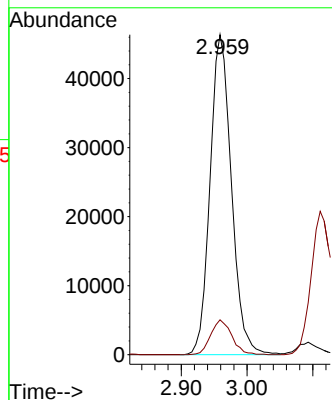
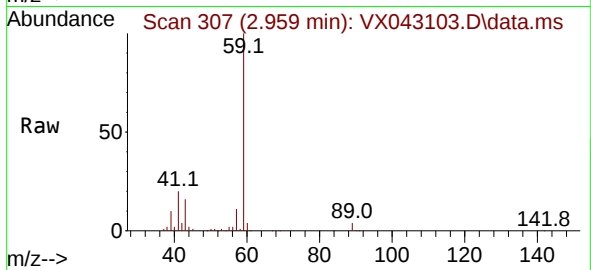
#11
Tert butyl alcohol
Concen: 239.769 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 104694
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

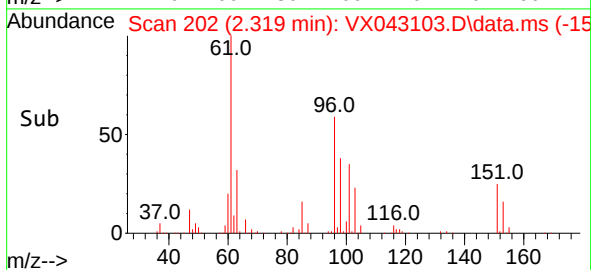
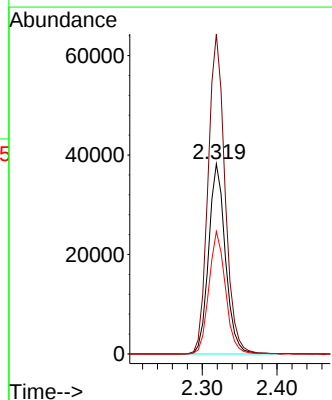
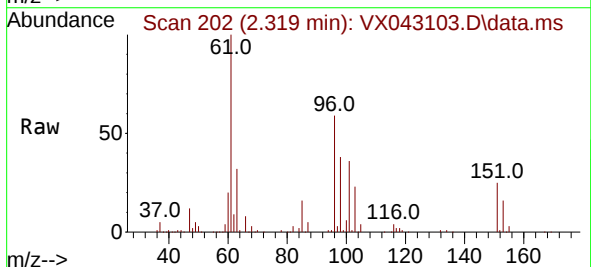
Manual Integrations
APPROVED

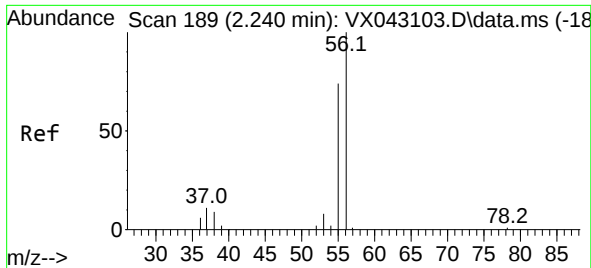
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#12
1,1-Dichloroethene
Concen: 47.885 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

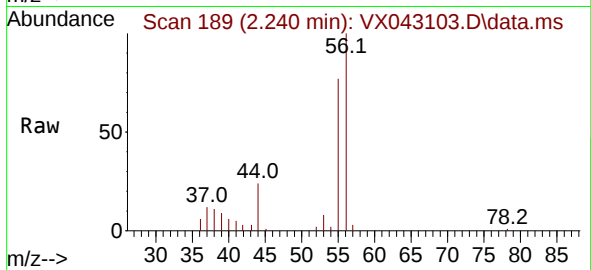
Tgt Ion: 96 Resp: 59750
Ion Ratio Lower Upper
96 100
61 168.4 134.7 202.1
98 64.5 51.6 77.4





#13
Acrolein
Concen: 162.149 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

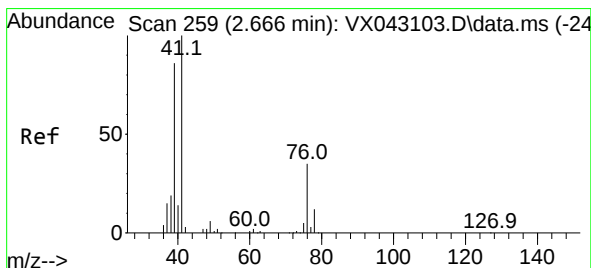
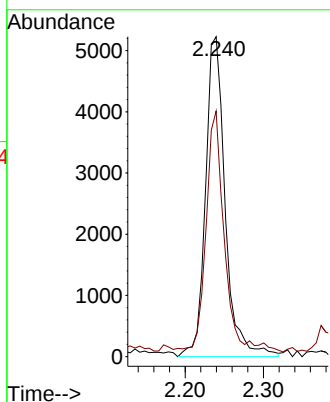
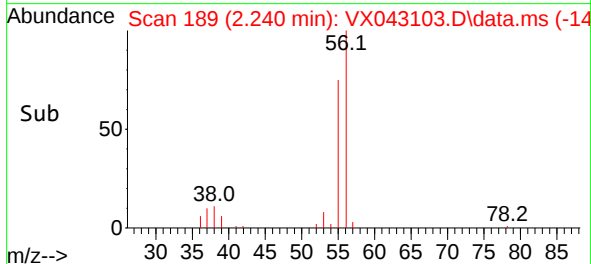
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 9100
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.6

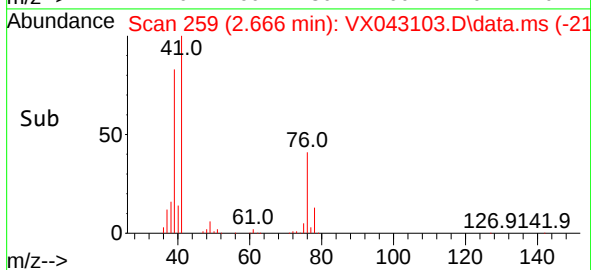
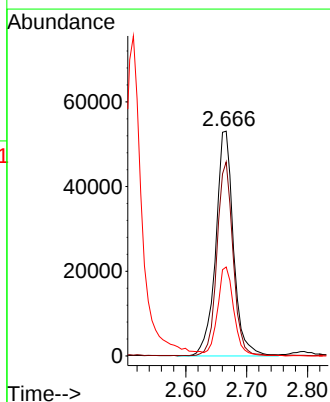
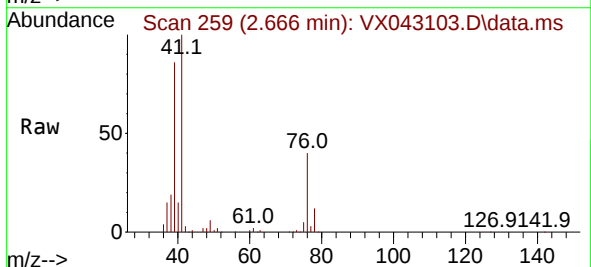
Manual Integrations
APPROVED

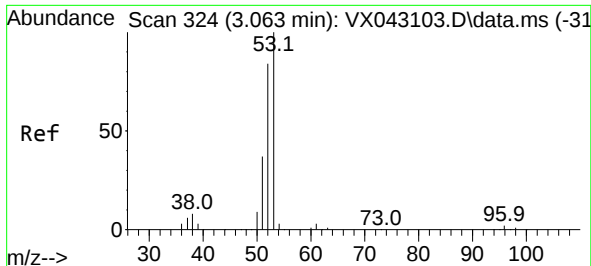
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#14
Allyl chloride
Concen: 46.381 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 41 Resp: 107464
Ion Ratio Lower Upper
41 100
39 77.1 61.7 92.5
76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 239.720 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 53 Resp: 181569

Ion Ratio Lower Upper

53 100

52 84.7 67.8 101.6

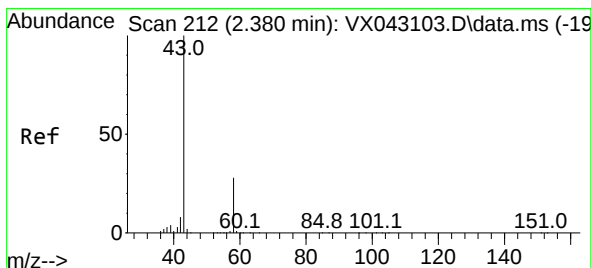
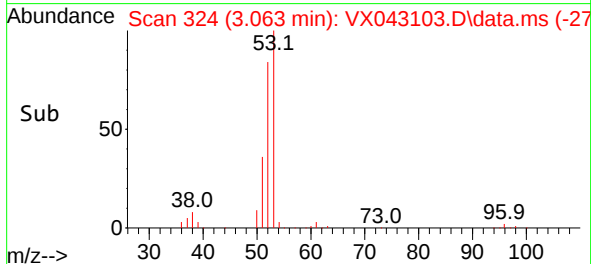
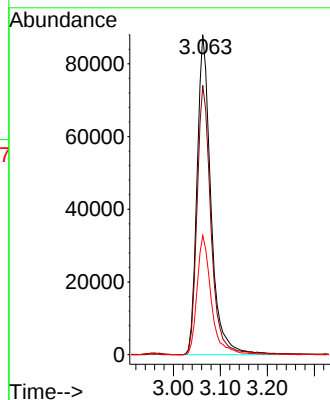
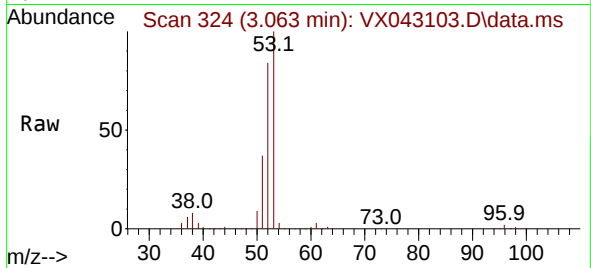
51 38.2 30.6 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#16

Acetone

Concen: 253.728 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX043103.D

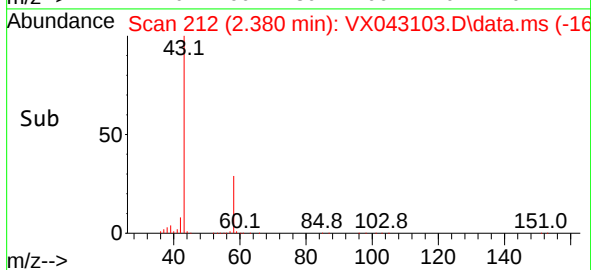
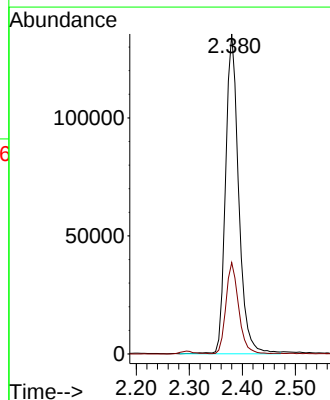
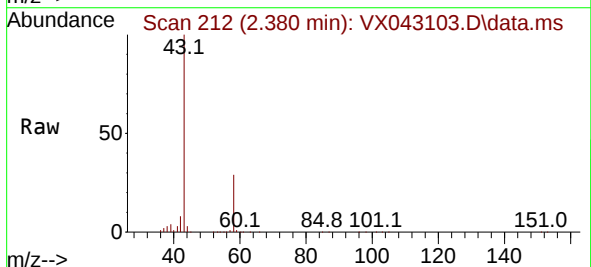
Acq: 23 Sep 2024 09:56

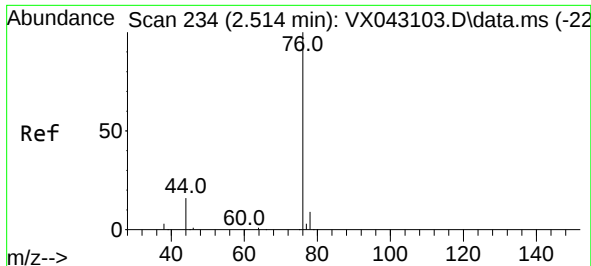
Tgt Ion: 43 Resp: 232054

Ion Ratio Lower Upper

43 100

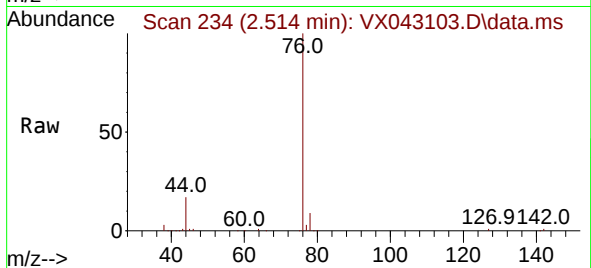
58 28.3 22.6 34.0





#17
Carbon Disulfide
Concen: 46.652 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

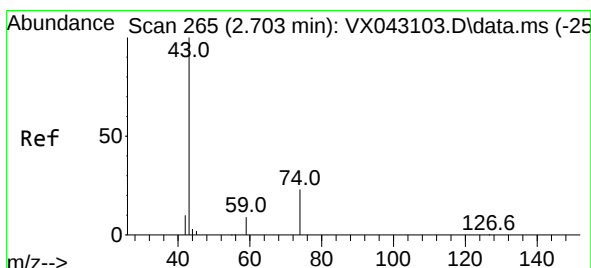
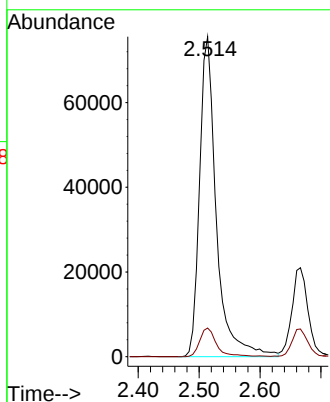
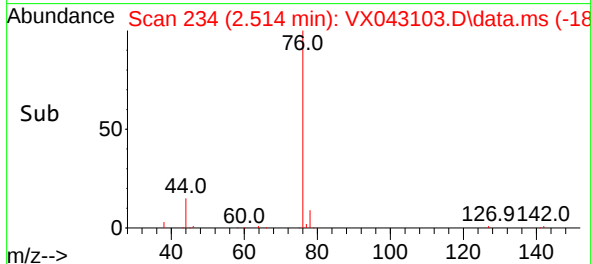
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



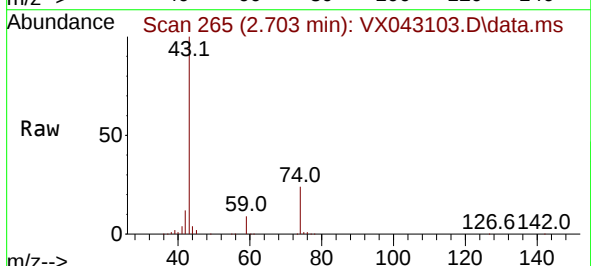
Tgt Ion: 76 Resp: 144694
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

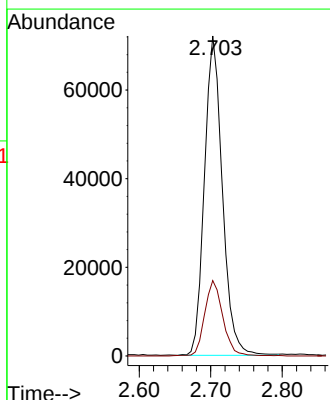
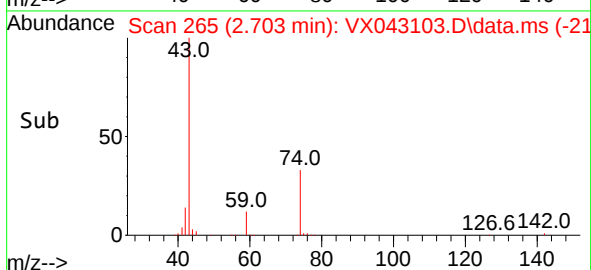
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

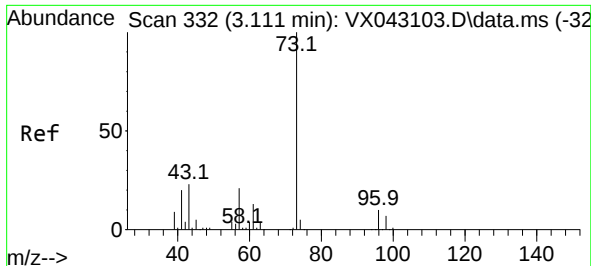


#18
Methyl Acetate
Concen: 51.088 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



Tgt Ion: 43 Resp: 125759
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8





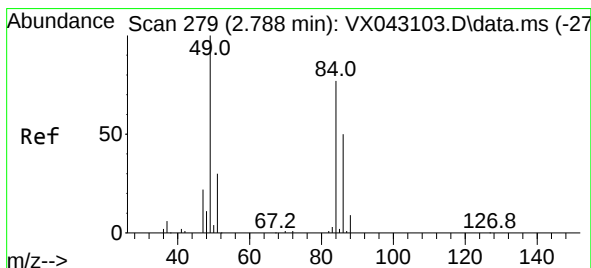
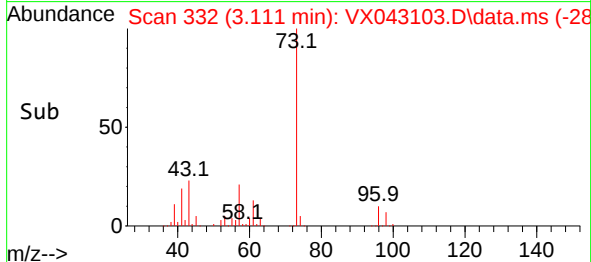
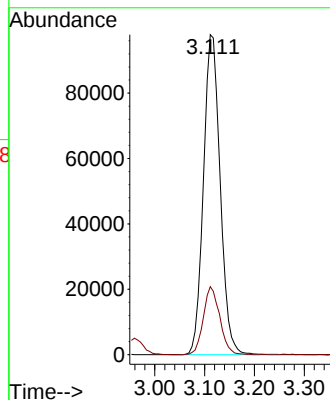
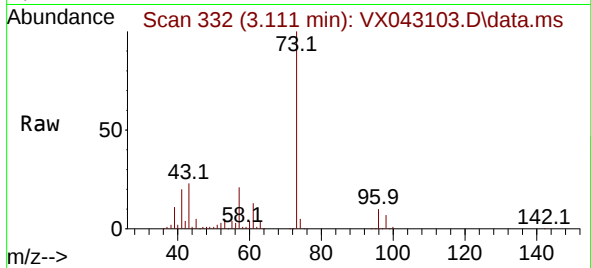
#19
Methyl tert-butyl Ether
Concen: 48.013 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 228270
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

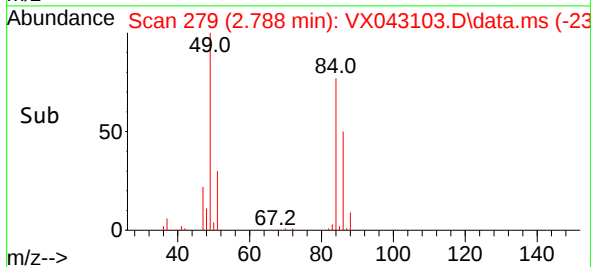
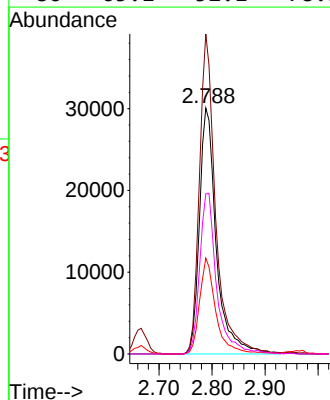
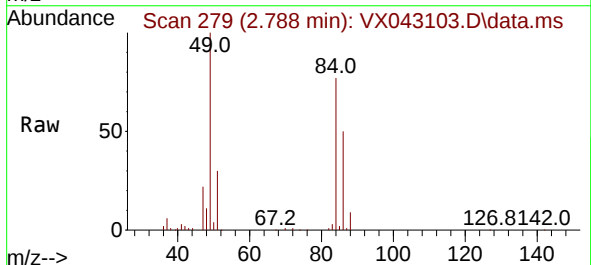
Manual Integrations
APPROVED

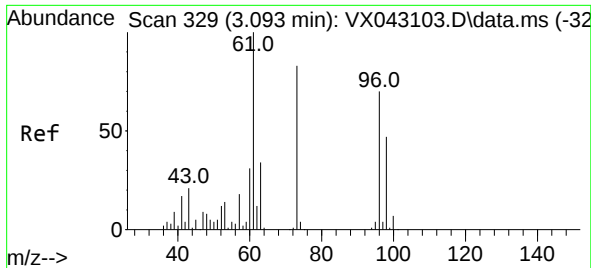
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#20
Methylene Chloride
Concen: 45.904 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

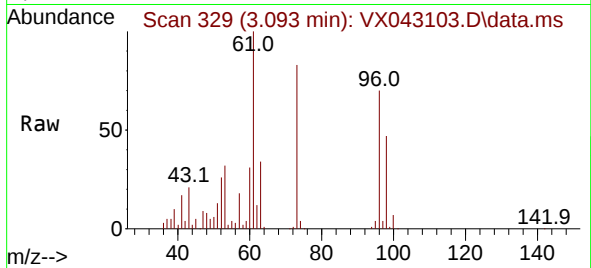
Tgt Ion: 84 Resp: 66793
Ion Ratio Lower Upper
84 100
49 130.1 104.1 156.1
51 38.9 31.1 46.7
86 65.1 52.1 78.1





#21
trans-1,2-Dichloroethene
Concen: 46.530 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

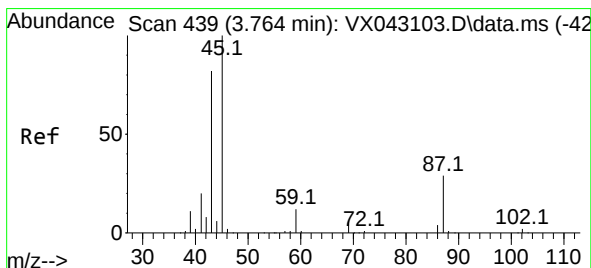
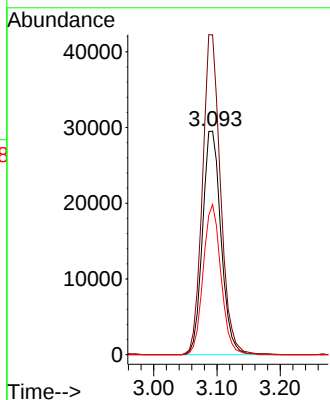
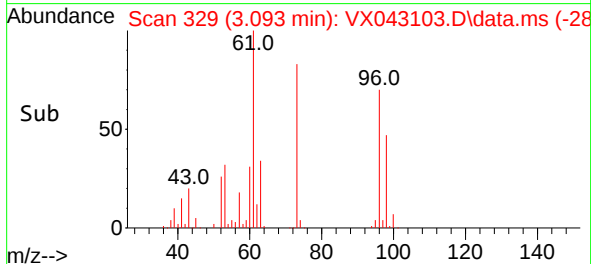
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



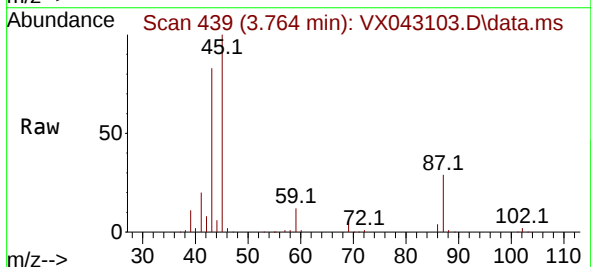
Tgt Ion: 96 Resp: 60075
Ion Ratio Lower Upper
96 100
61 143.1 114.5 171.7
98 67.2 53.8 80.6

Manual Integrations
APPROVED

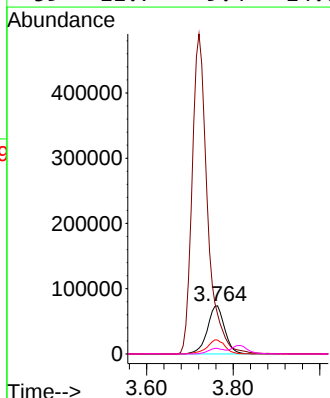
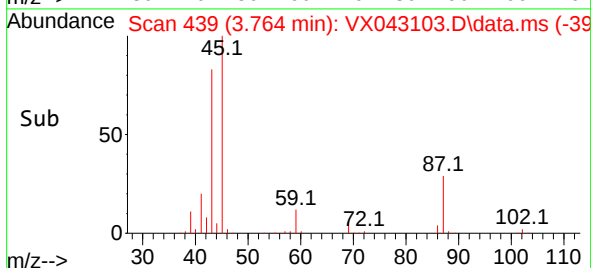
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#22
Diisopropyl ether
Concen: 47.249 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



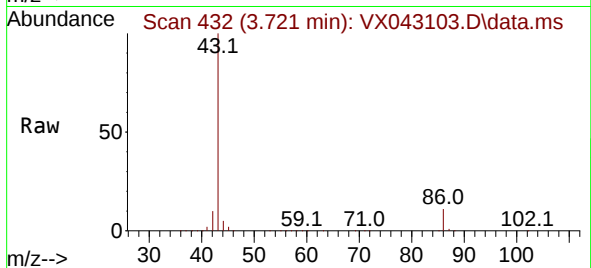
Tgt Ion: 45 Resp: 204986
Ion Ratio Lower Upper
45 100
43 82.2 65.8 98.6
87 28.9 23.1 34.7
59 11.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 237.176 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

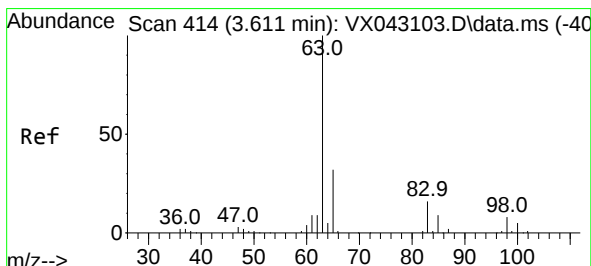
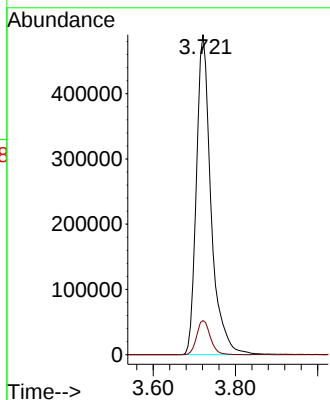
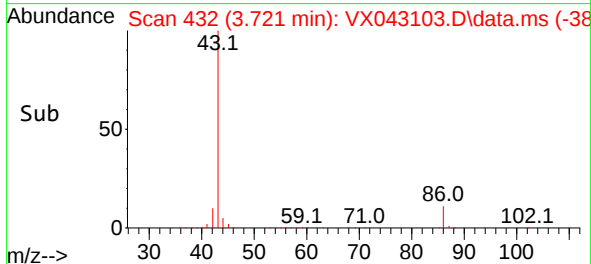
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



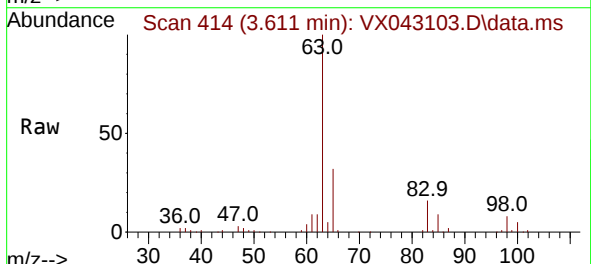
Tgt Ion: 43 Resp: 1210428
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

Manual Integrations
 APPROVED

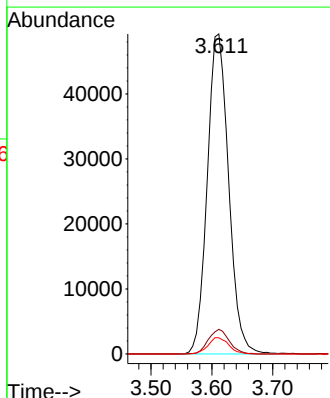
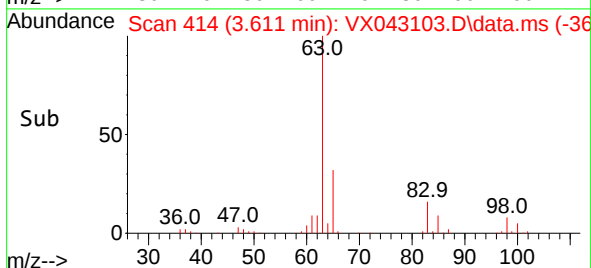
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024

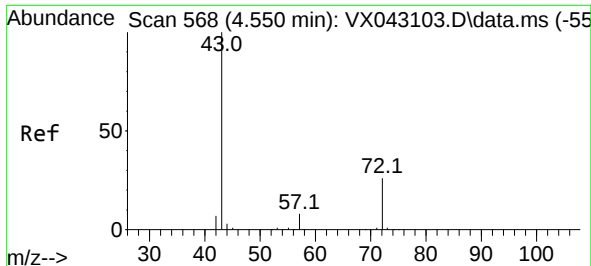


#24
 1,1-Dichloroethane
 Concen: 47.868 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56



Tgt Ion: 63 Resp: 120070
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 5.1 2.5 7.6





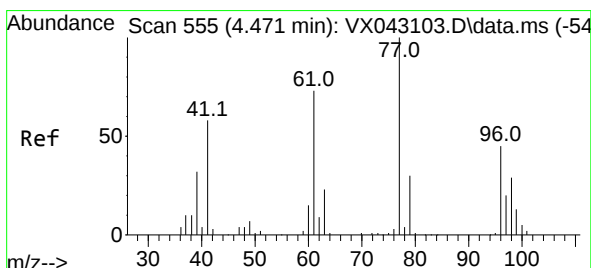
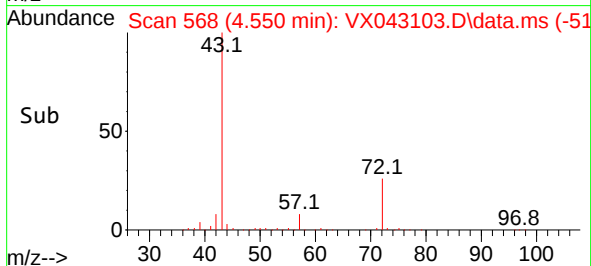
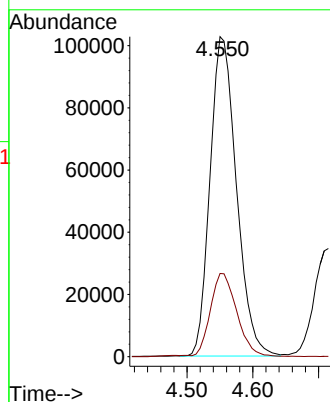
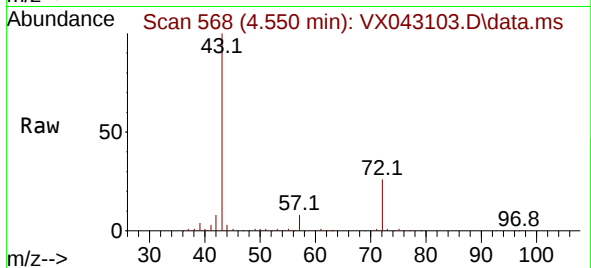
#25
2-Butanone
Concen: 243.700 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 287310
Ion Ratio Lower Upper
43 100
72 25.9 20.7 31.1

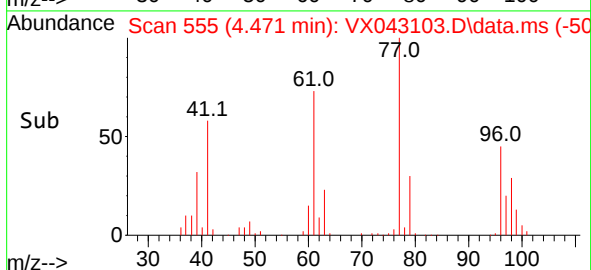
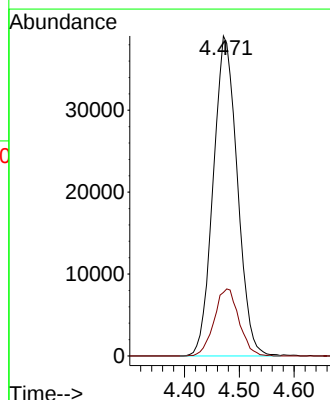
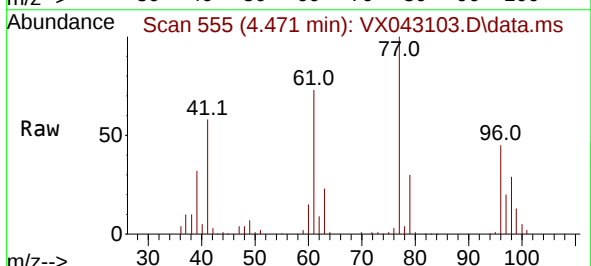
Manual Integrations
APPROVED

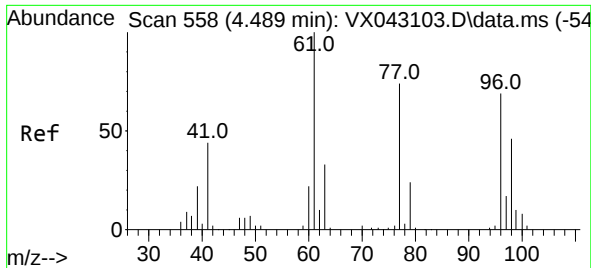
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#26
2,2-Dichloropropane
Concen: 46.980 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 77 Resp: 119272
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





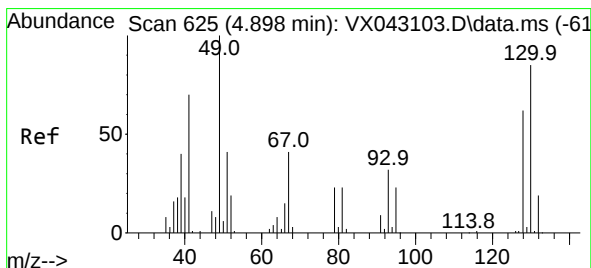
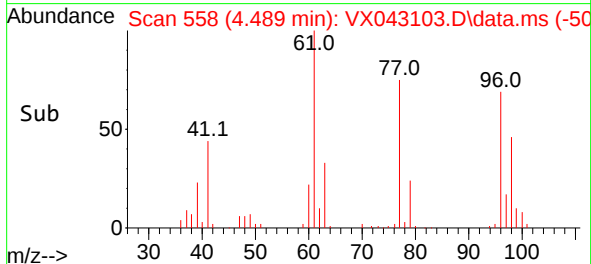
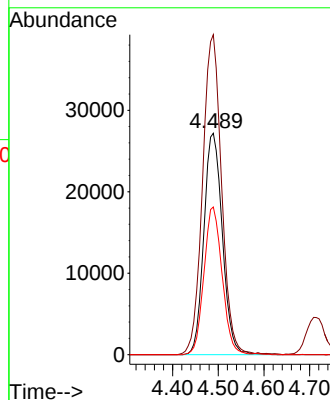
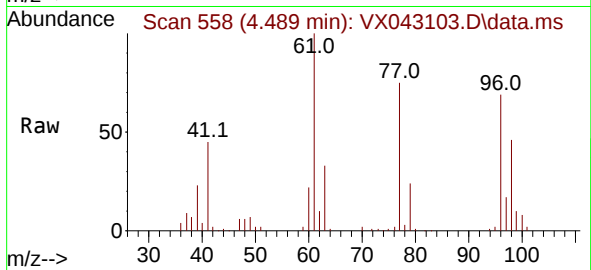
#27
 cis-1,2-Dichloroethene
 Concen: 47.421 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 76220
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 297.8
 98 65.6 0.0 131.2

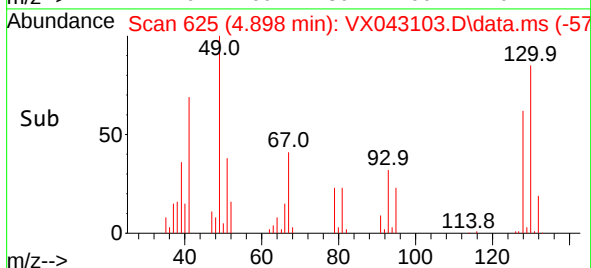
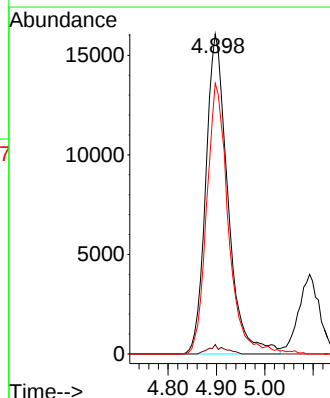
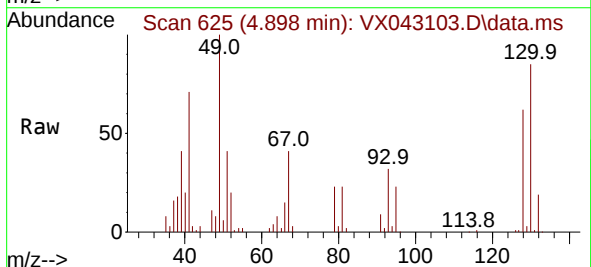
Manual Integrations
 APPROVED

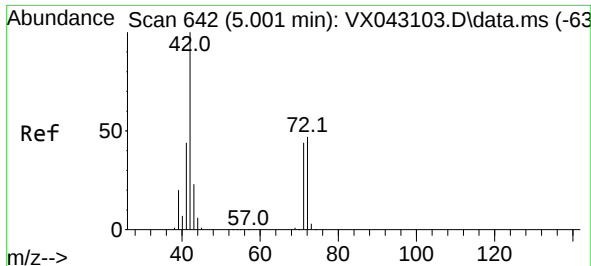
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#28
 Bromochloromethane
 Concen: 46.096 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

Tgt Ion: 49 Resp: 50897
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.3 66.6 100.0





#29

Tetrahydrofuran

Concen: 235.246 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 166793

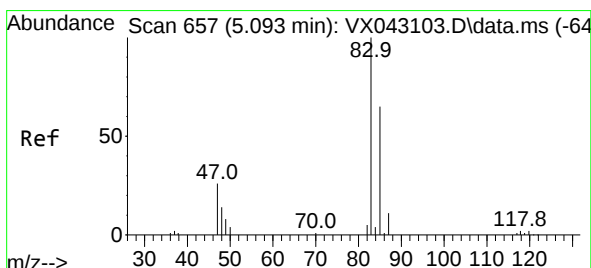
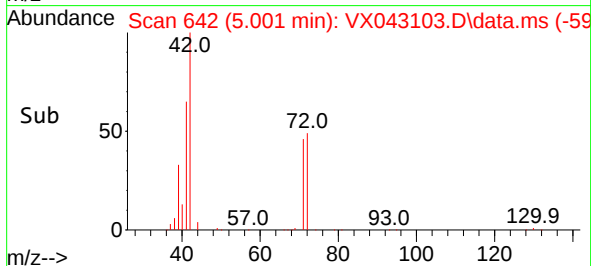
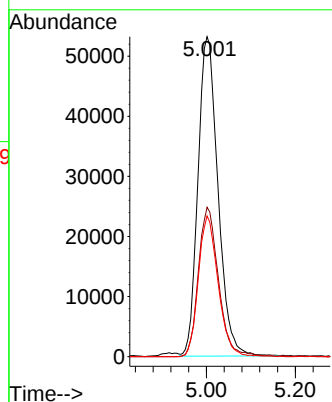
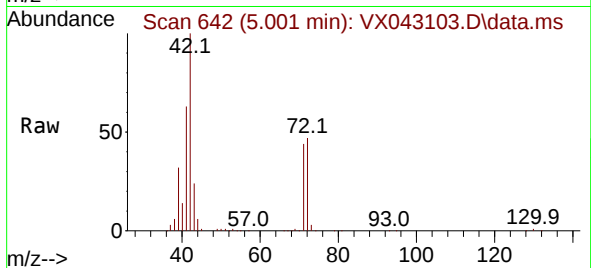
Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.6	56.4
71	43.6	34.8	52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#30

Chloroform

Concen: 47.244 ug/l

RT: 5.093 min Scan# 657

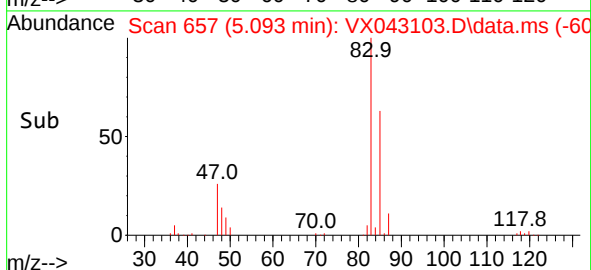
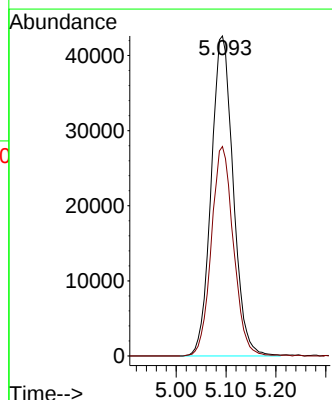
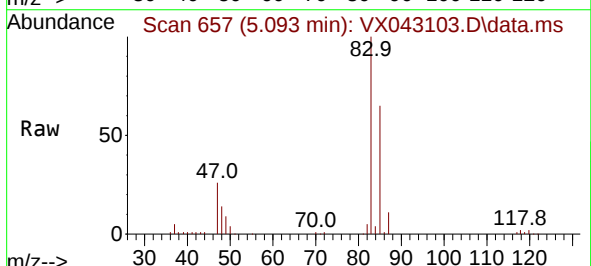
Delta R.T. 0.000 min

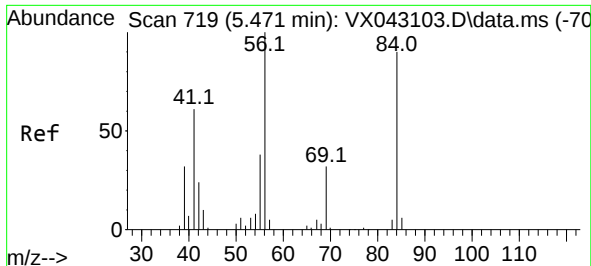
Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Tgt Ion: 83 Resp: 130663

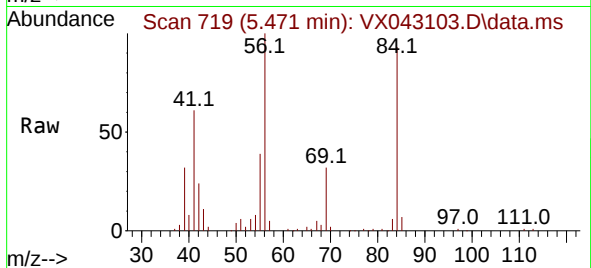
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





#31
Cyclohexane
Concen: 47.816 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

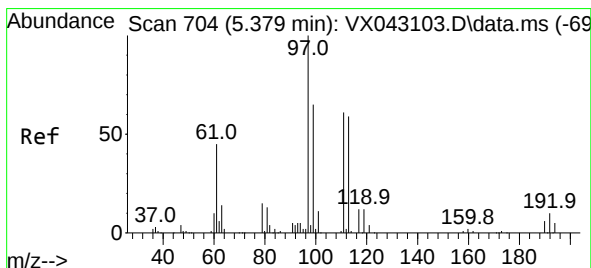
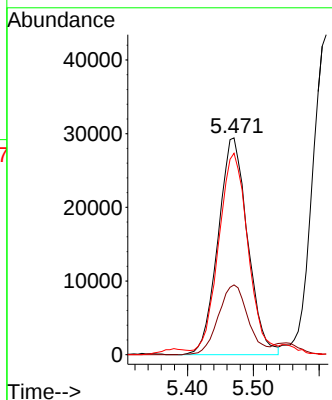
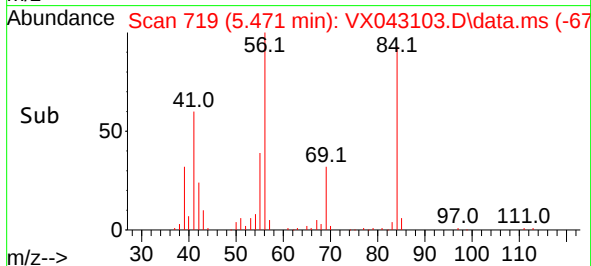
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



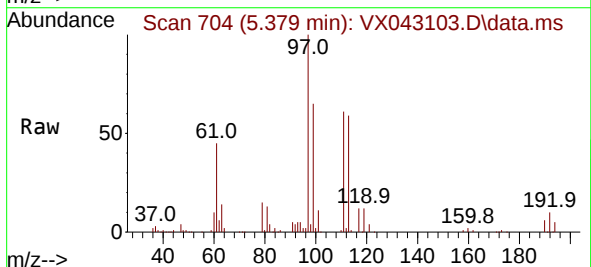
Tgt Ion: 56 Resp: 91962
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 90.5 72.4 108.6

Manual Integrations
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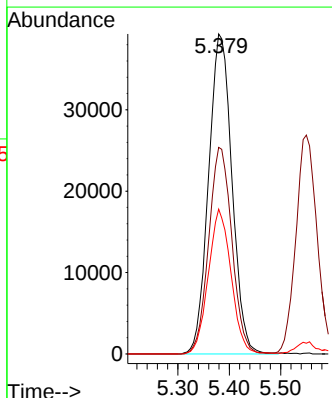
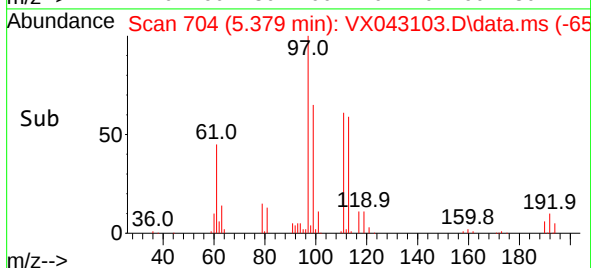
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

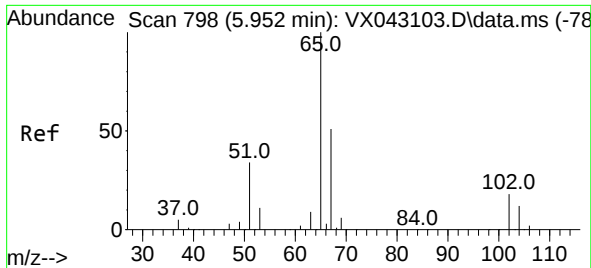


#32
1,1,1-Trichloroethane
Concen: 47.416 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



Tgt Ion: 97 Resp: 124223
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 43.9 35.1 52.7





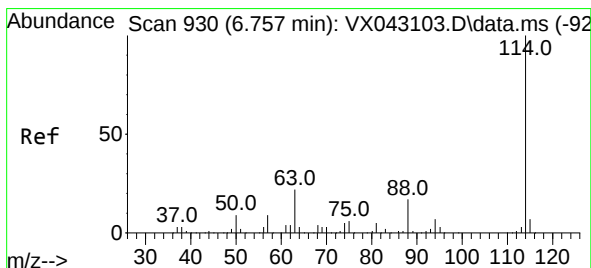
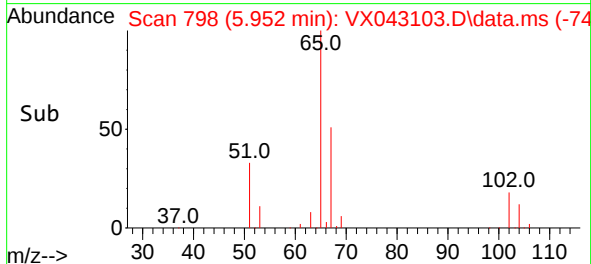
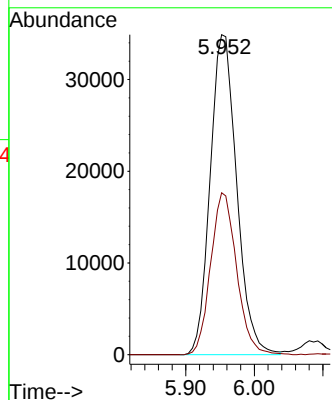
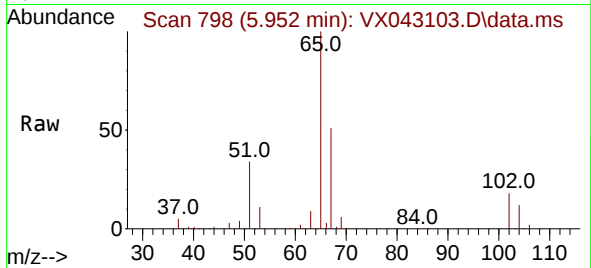
#33
1,2-Dichloroethane-d4
Concen: 47.985 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 9384
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

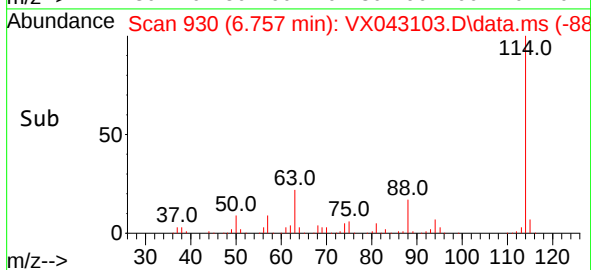
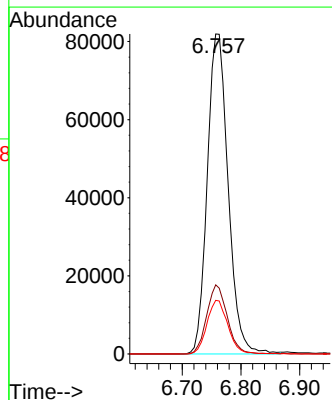
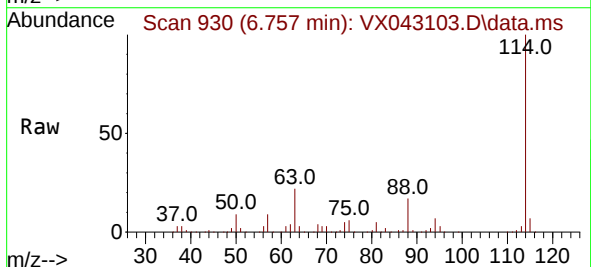
Manual Integrations
APPROVED

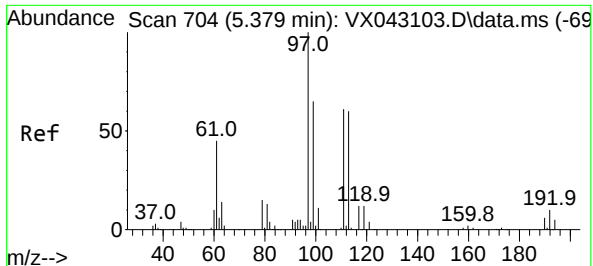
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

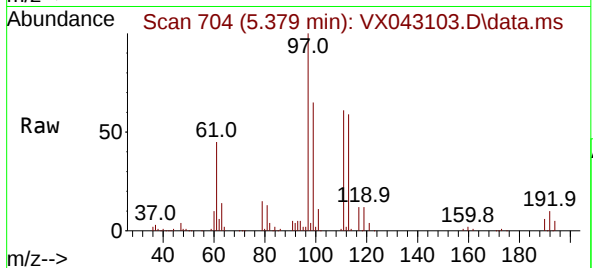
Tgt Ion:114 Resp: 202260
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.7 0.0 33.4





#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

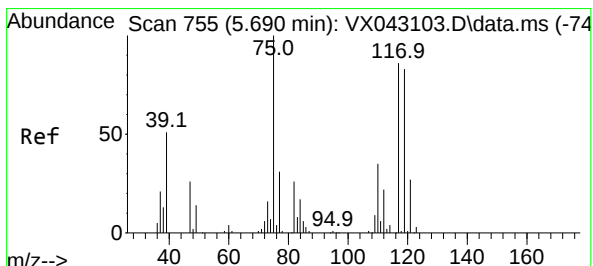
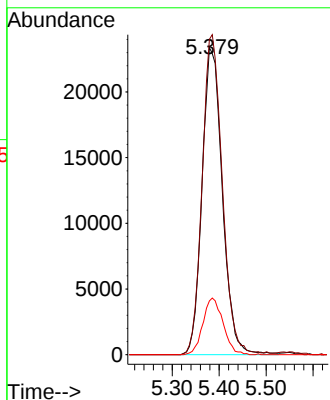
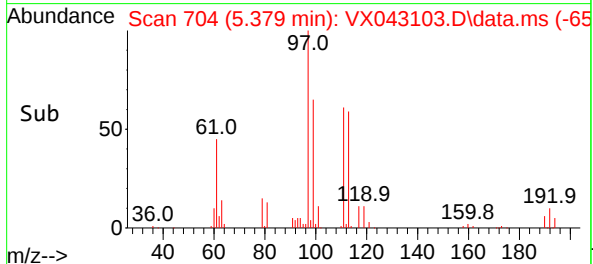
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 70090
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.3 14.6 22.0

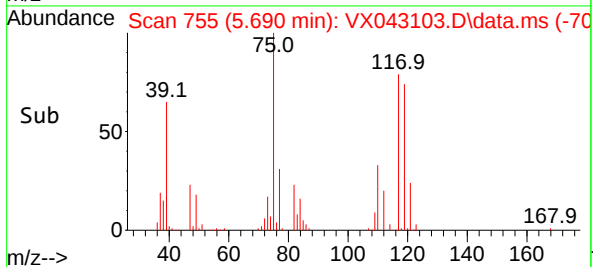
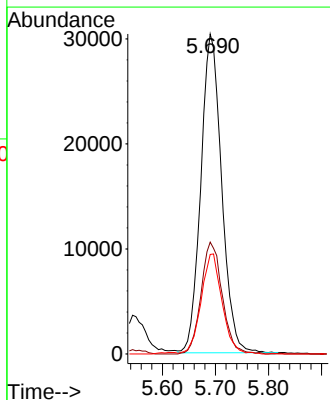
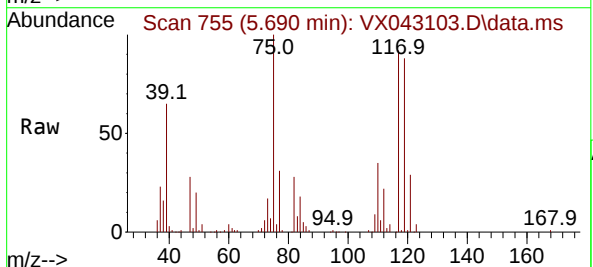
Manual Integrations
APPROVED

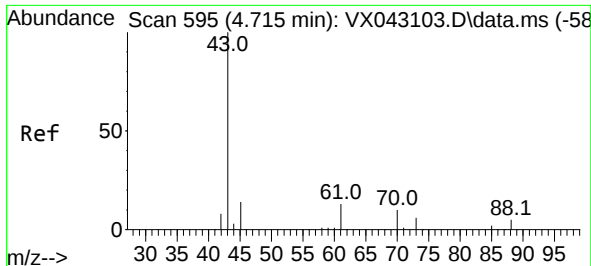
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#36
1,1-Dichloropropene
Concen: 47.255 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

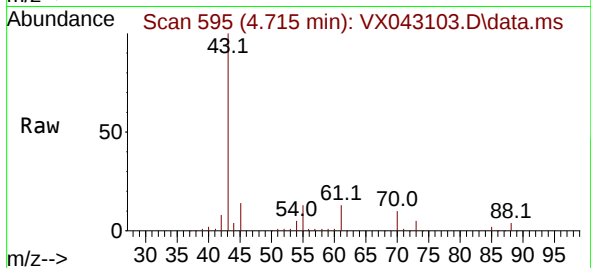
Tgt Ion: 75 Resp: 82849
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.4
77 31.5 25.2 37.8





#37
Ethyl Acetate
Concen: 45.641 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

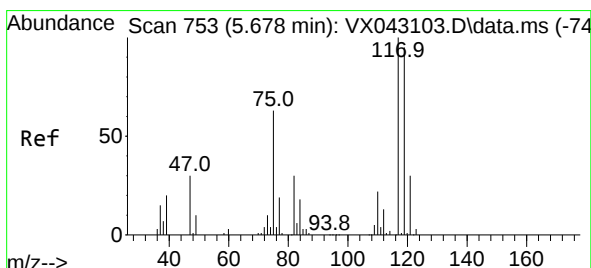
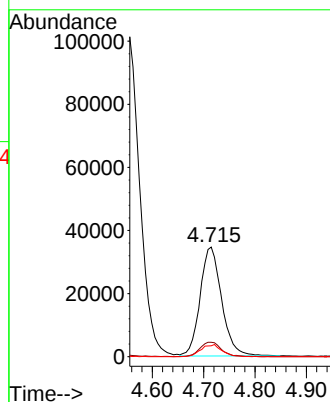
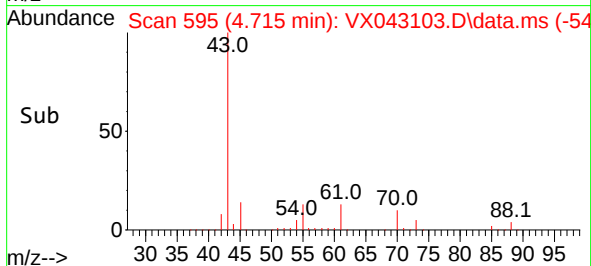
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 100509
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 10.8 8.6 13.0

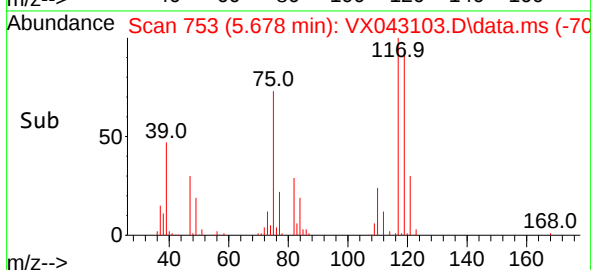
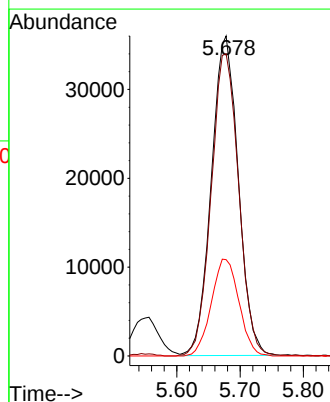
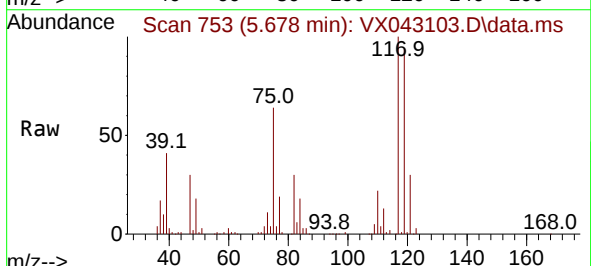
Manual Integrations
APPROVED

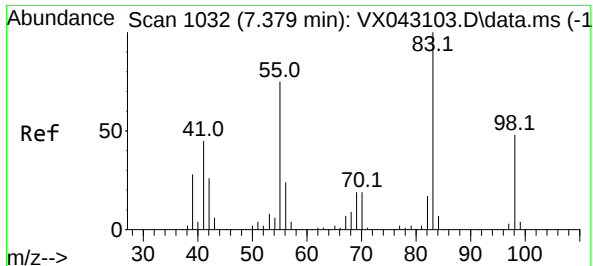
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#38
Carbon Tetrachloride
Concen: 47.069 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:117 Resp: 106302
Ion Ratio Lower Upper
117 100
119 94.4 75.5 113.3
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 47.314 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 104104

Ion Ratio Lower Upper

83 100

55 75.3 60.2 90.4

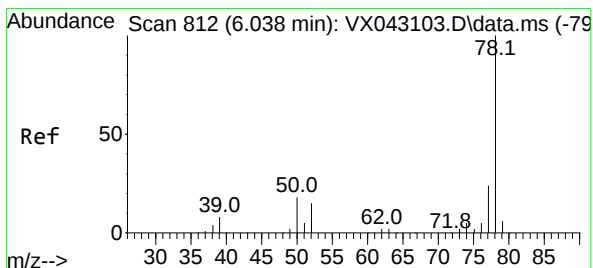
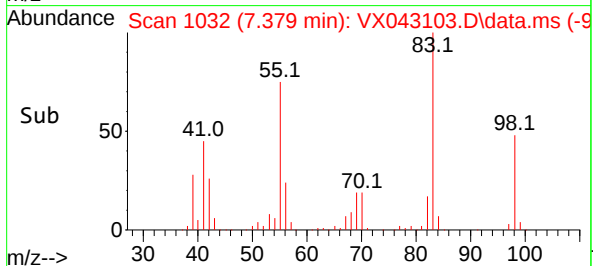
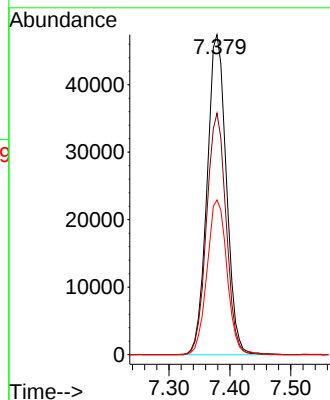
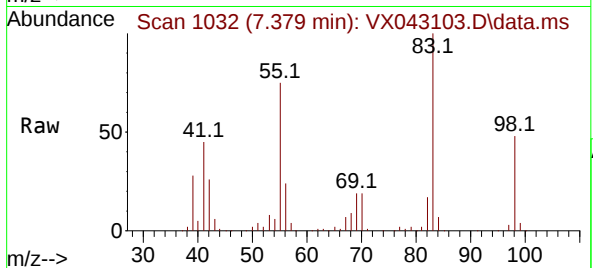
98 48.3 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#40

Benzene

Concen: 48.035 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX043103.D

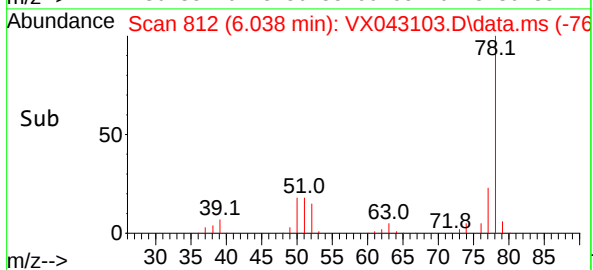
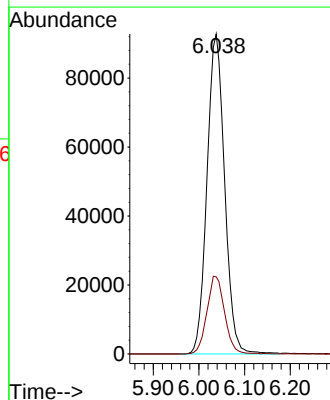
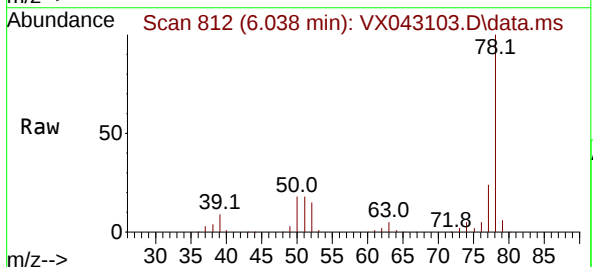
Acq: 23 Sep 2024 09:56

Tgt Ion: 78 Resp: 248502

Ion Ratio Lower Upper

78 100

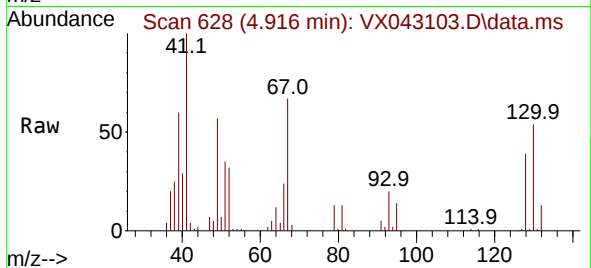
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 50.939 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

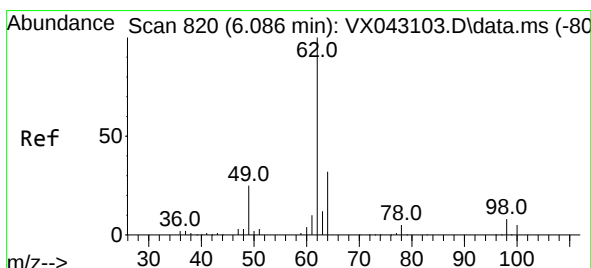
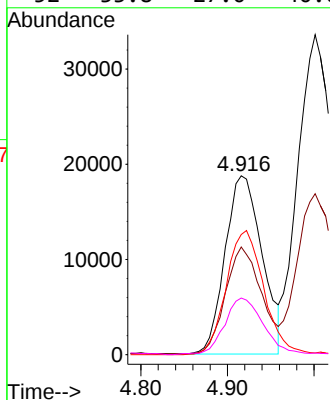
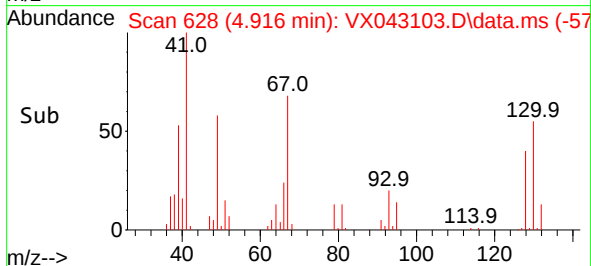
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41	Resp: 5576
Ion Ratio	Lower Upper
41	100
39	58.5 46.8 70.2
67	71.3 57.0 85.6
52	33.8 27.0 40.6

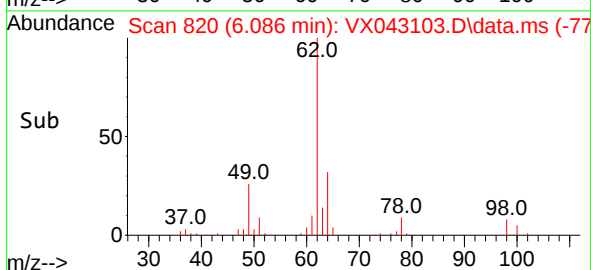
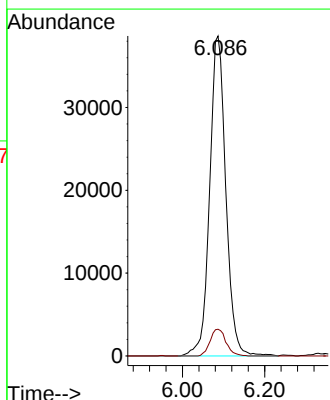
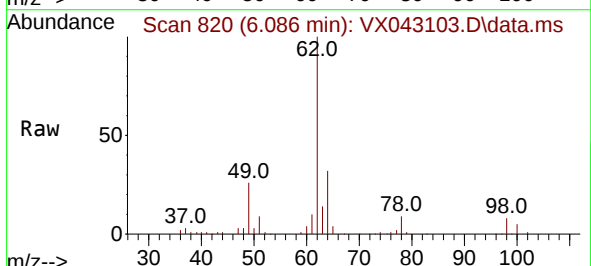
Manual Integrations
APPROVED

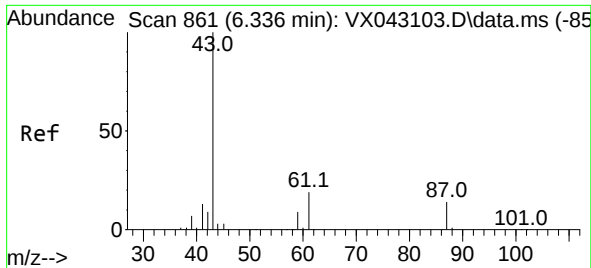
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#42
1,2-Dichloroethane
Concen: 48.015 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

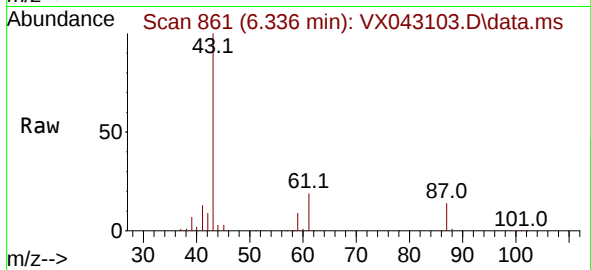
Tgt Ion: 62	Resp: 105472
Ion Ratio	Lower Upper
62	100
98	8.3 0.0 16.6





#43
Isopropyl Acetate
Concen: 47.796 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

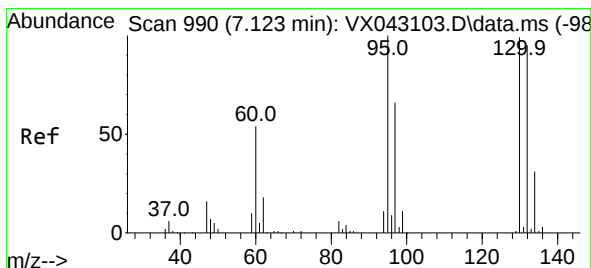
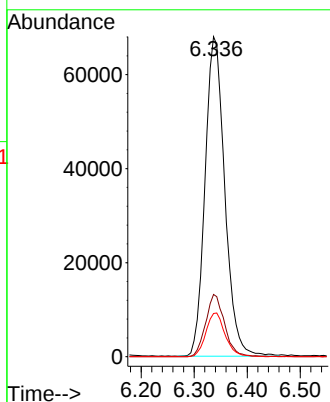
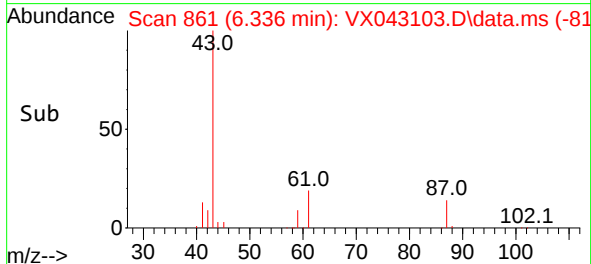
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



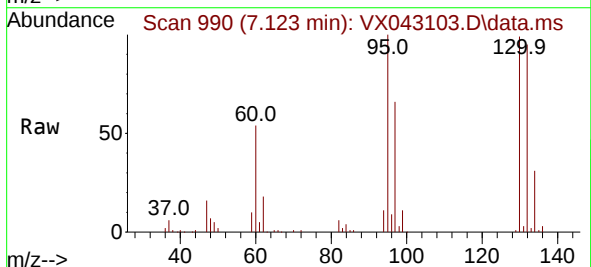
Tgt Ion: 43 Resp: 175804
Ion Ratio Lower Upper
43 100
61 18.8 15.0 22.6
87 13.3 10.6 16.0

Manual Integrations
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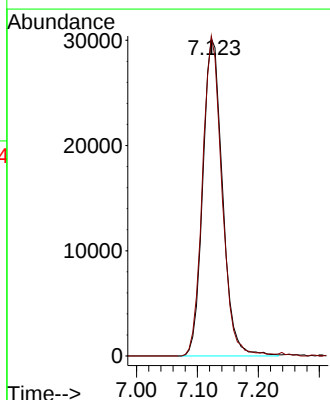
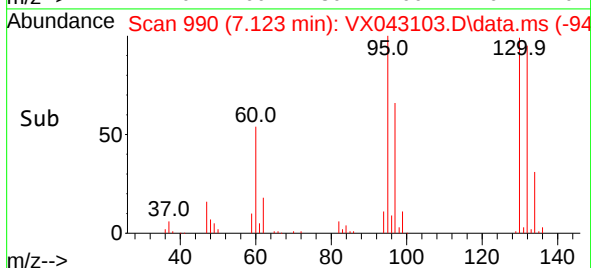
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

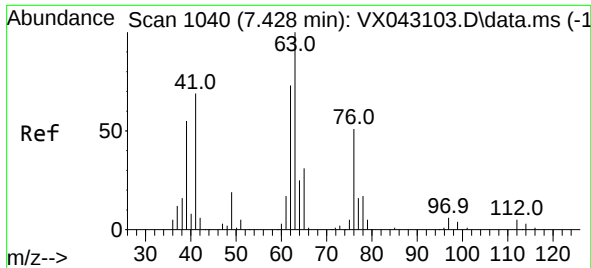


#44
Trichloroethene
Concen: 47.987 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



Tgt Ion:130 Resp: 67925
Ion Ratio Lower Upper
130 100
95 100.8 0.0 201.6





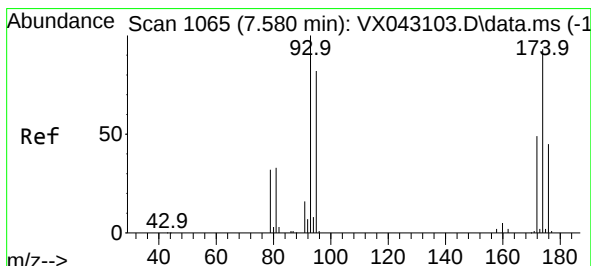
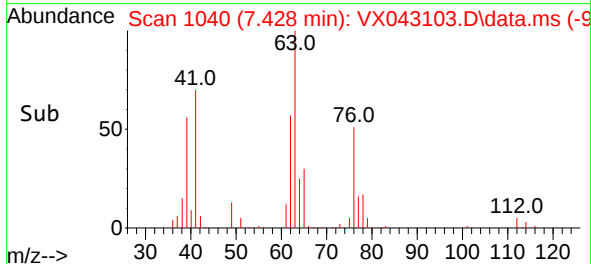
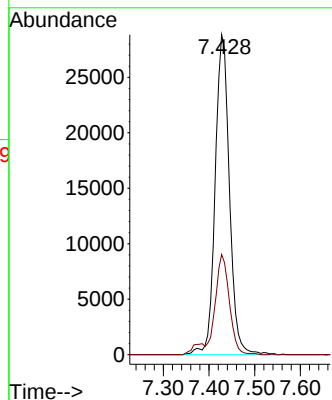
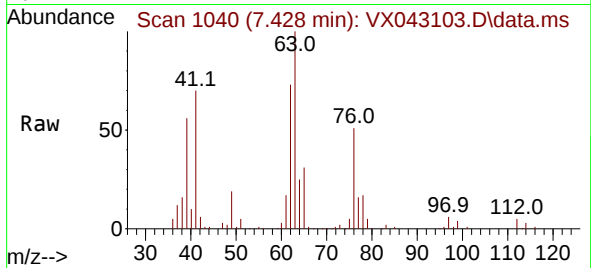
#45
1,2-Dichloropropane
Concen: 48.664 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 6270
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.6

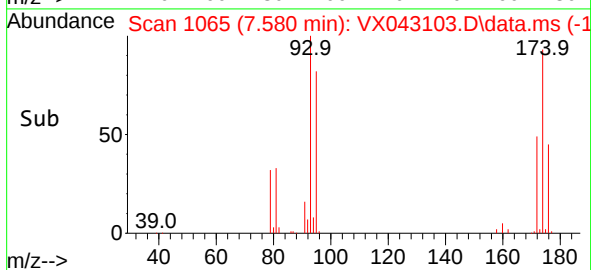
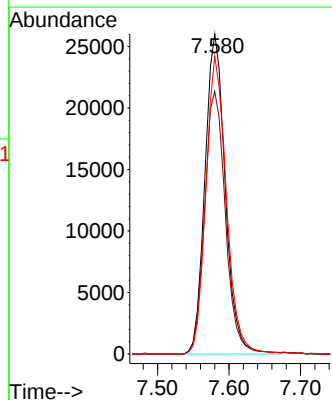
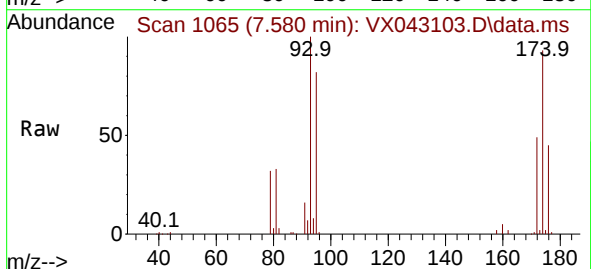
Manual Integrations
APPROVED

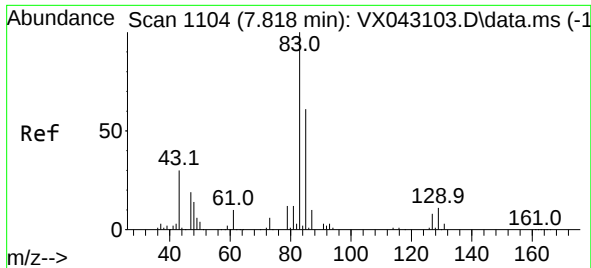
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#46
Dibromomethane
Concen: 47.316 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

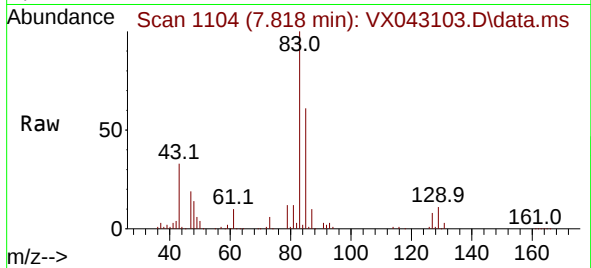
Tgt Ion: 93 Resp: 51340
Ion Ratio Lower Upper
93 100
95 83.9 67.1 100.7
174 94.3 75.4 113.2





#47
Bromodichloromethane
Concen: 48.703 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

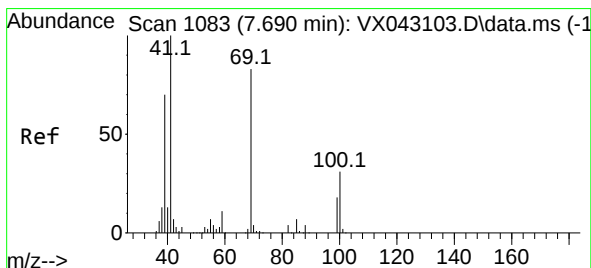
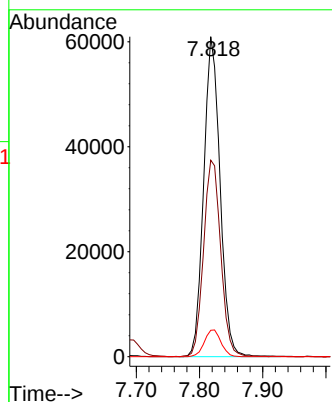
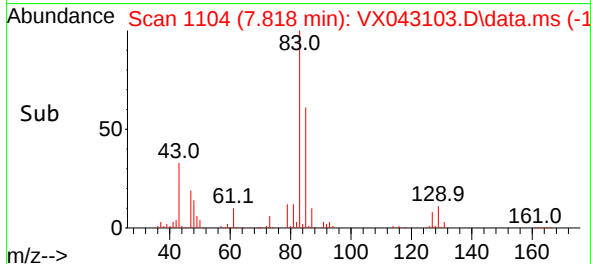
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 109880
Ion Ratio Lower Upper
83 100
85 61.4 49.1 73.7
127 8.2 6.6 9.8

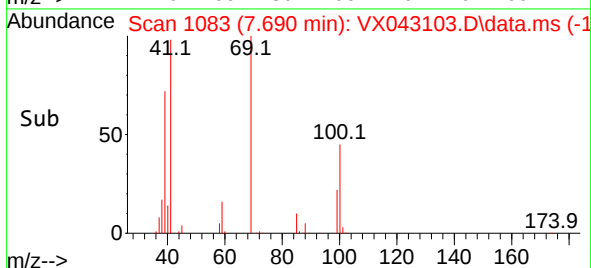
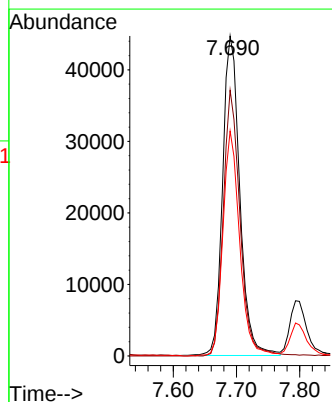
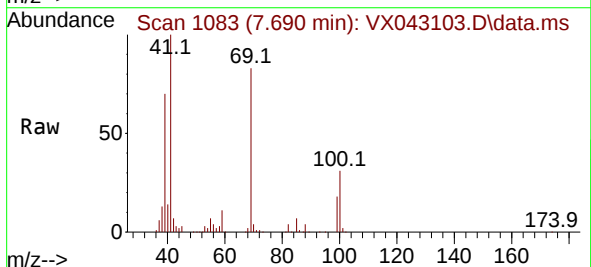
Manual Integrations
APPROVED

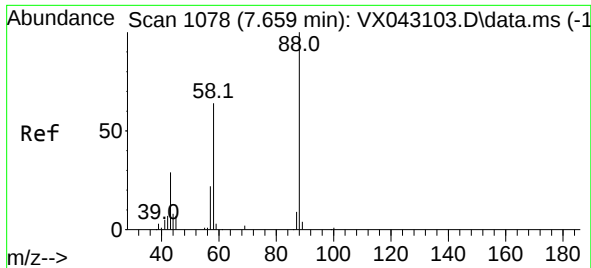
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#48
Methyl methacrylate
Concen: 46.544 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

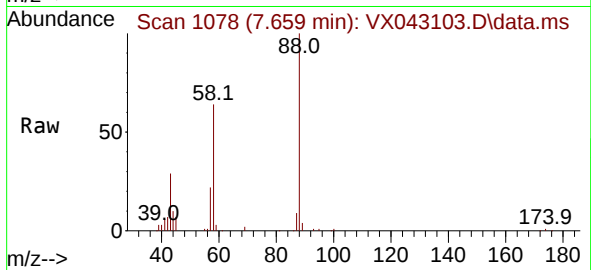
Tgt Ion: 41 Resp: 84090
Ion Ratio Lower Upper
41 100
69 81.3 65.0 97.6
39 68.8 55.0 82.6





#49
1,4-Dioxane
Concen: 1003.349 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

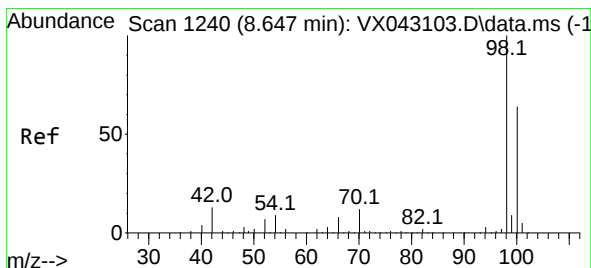
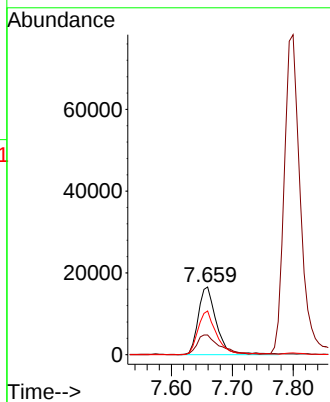
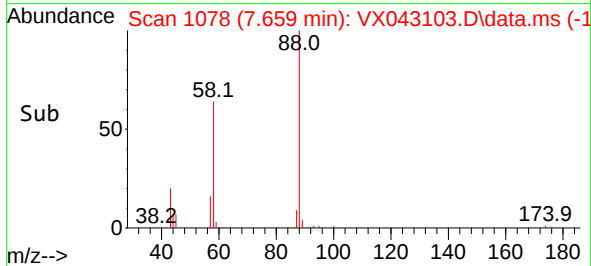
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 34220
Ion Ratio Lower Upper
88 100
43 36.9 29.5 44.3
58 65.6 52.5 78.7

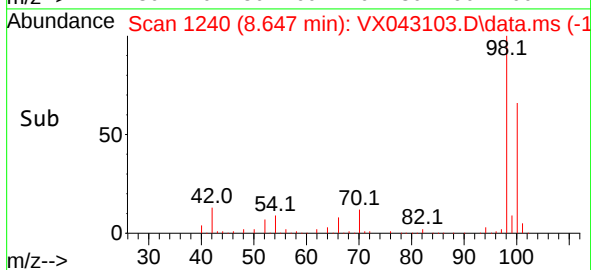
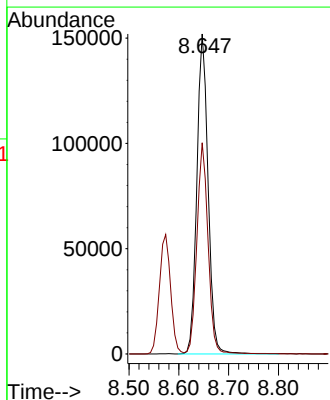
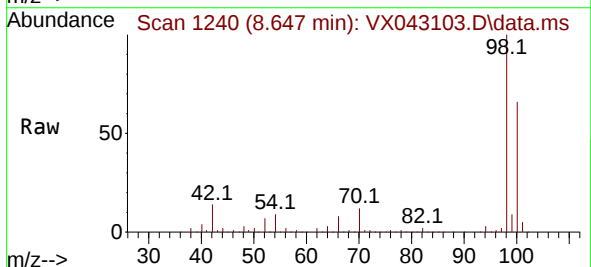
Manual Integrations
APPROVED

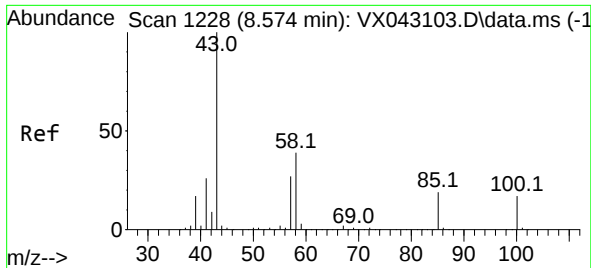
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#50
Toluene-d8
Concen: 49.266 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

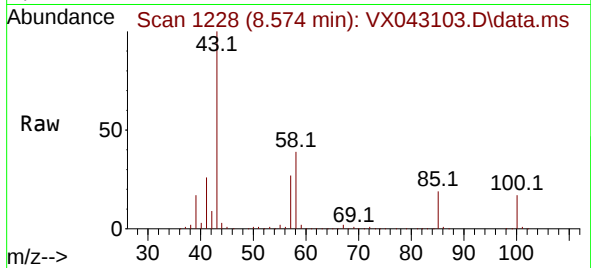
Tgt Ion: 98 Resp: 237819
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 240.855 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

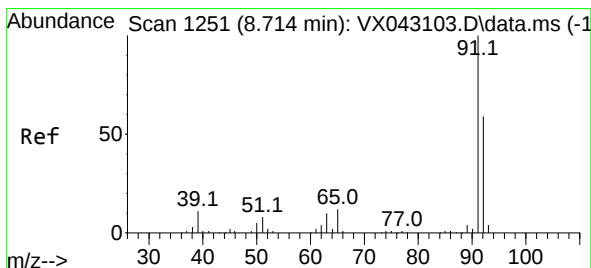
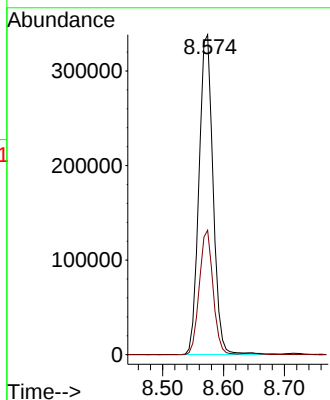
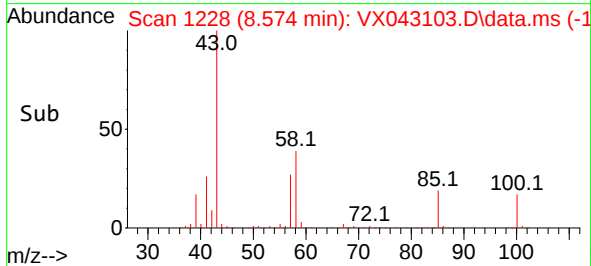
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 544248
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5

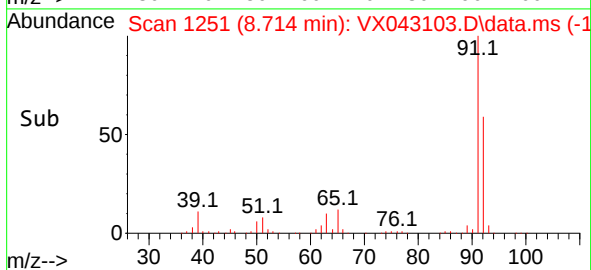
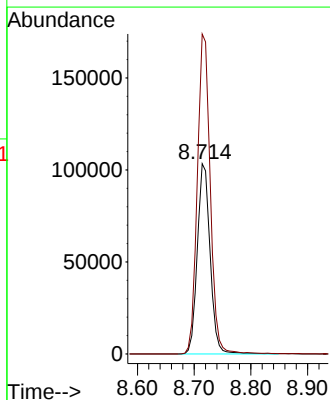
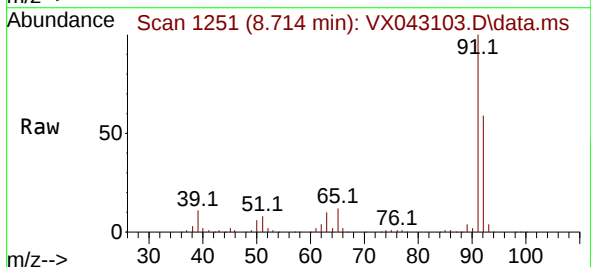
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#52
Toluene
Concen: 48.687 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 92 Resp: 162207
Ion Ratio Lower Upper
92 100
91 169.9 135.9 203.9





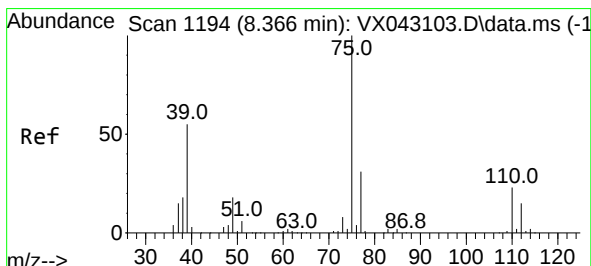
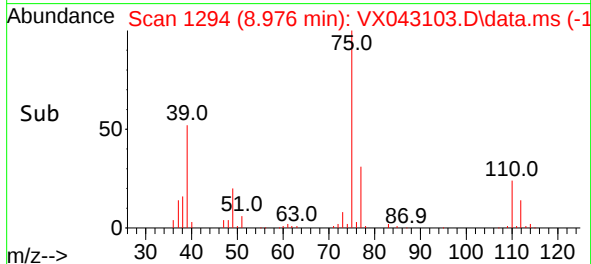
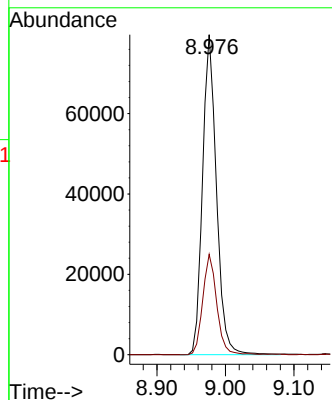
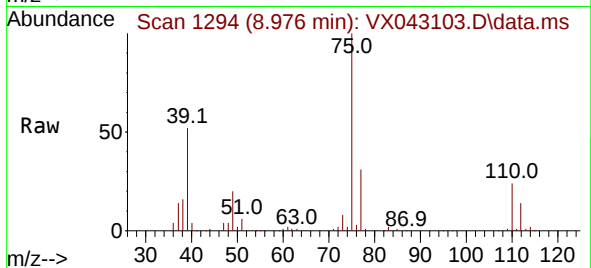
#53
 t-1,3-Dichloropropene
 Concen: 48.740 ug/l
 RT: 8.976 min Scan# 11288
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 11288
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6

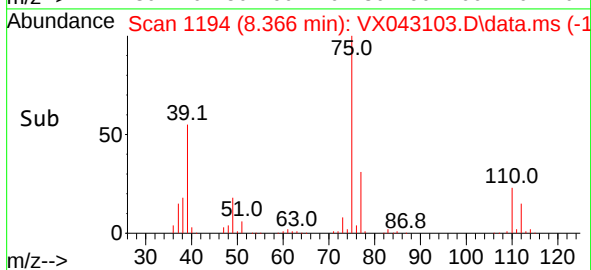
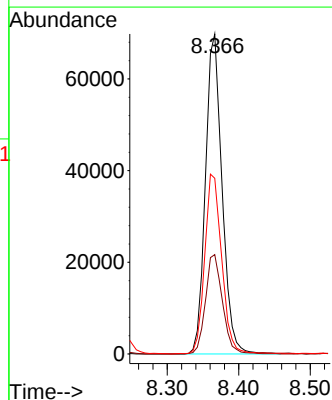
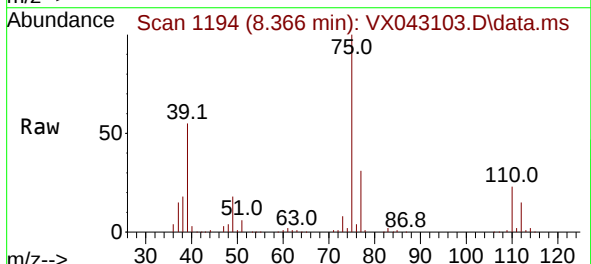
Manual Integrations
 APPROVED

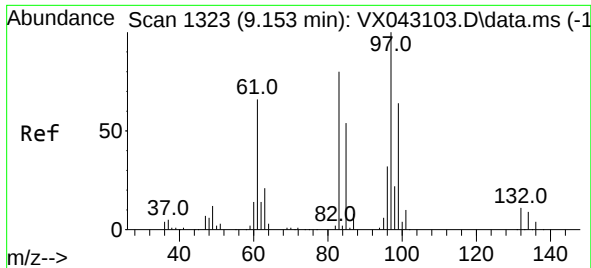
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#54
 cis-1,3-Dichloropropene
 Concen: 48.818 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

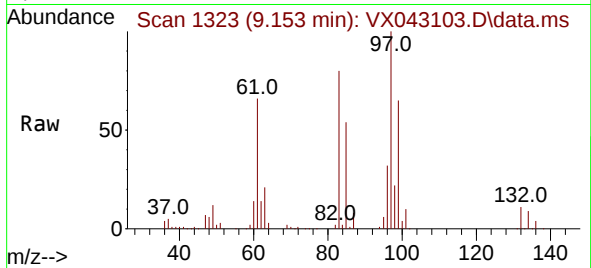
Tgt Ion: 75 Resp: 112919
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 54.8 43.8 65.8





#55
1,1,2-Trichloroethane
Concen: 48.316 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

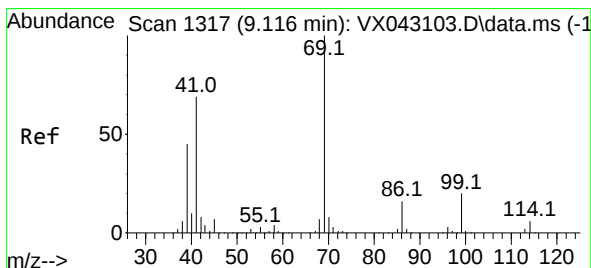
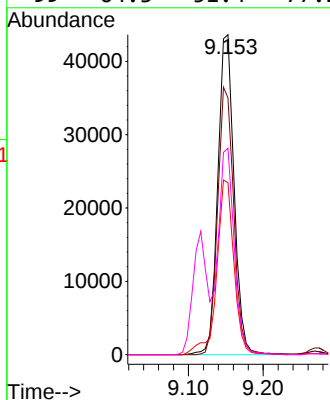
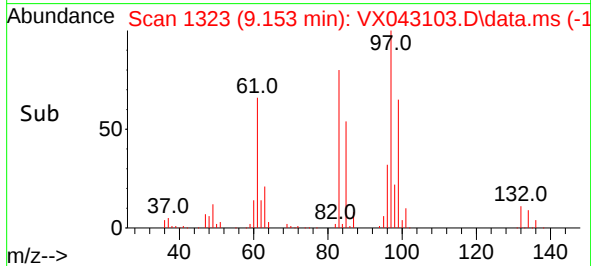
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



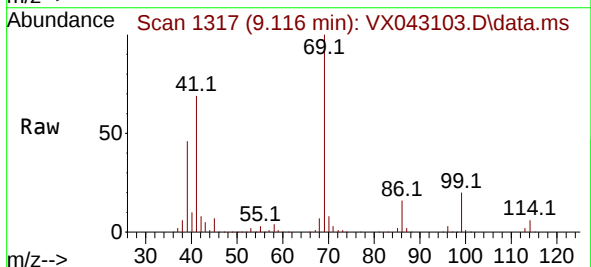
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.3	64.2	96.4
85	53.8	43.0	64.6
99	64.3	51.4	77.2

Manual Integrations
APPROVED

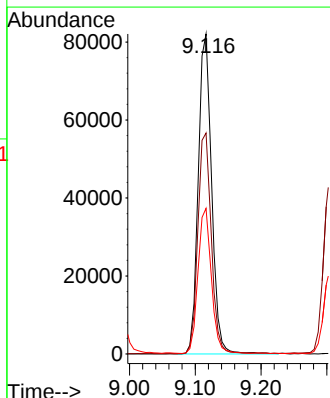
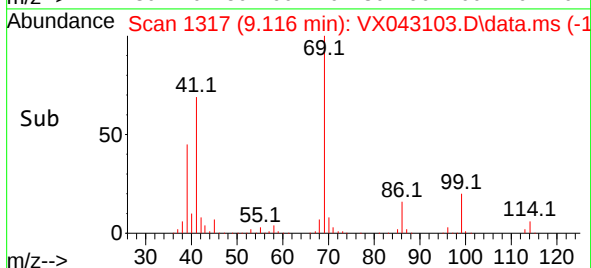
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

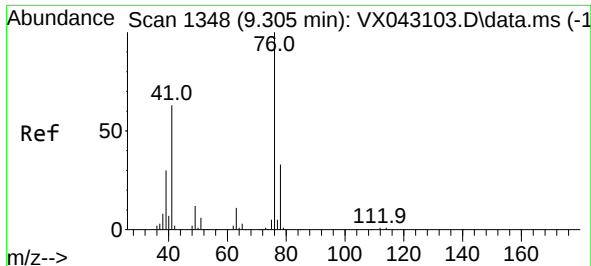


#56
Ethyl methacrylate
Concen: 48.640 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.4	83.2
39	45.4	36.3	54.5





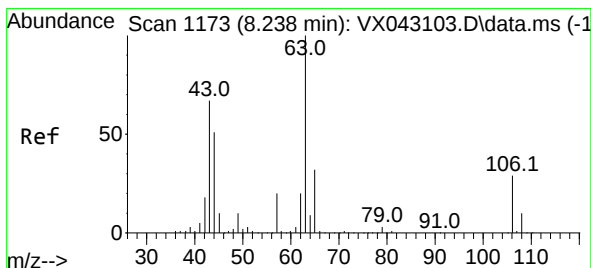
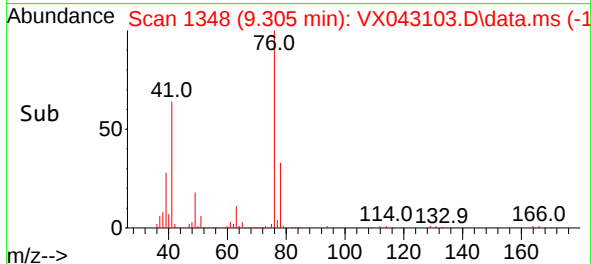
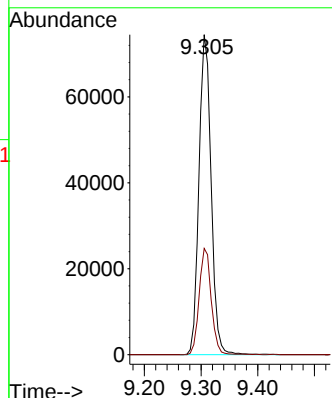
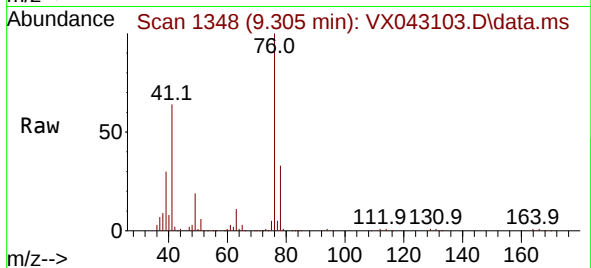
#57
1,3-Dichloropropane
Concen: 47.449 ug/l
RT: 9.305 min Scan# 110704
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 110704
Ion Ratio Lower Upper
76 100
78 33.1 26.5 39.7

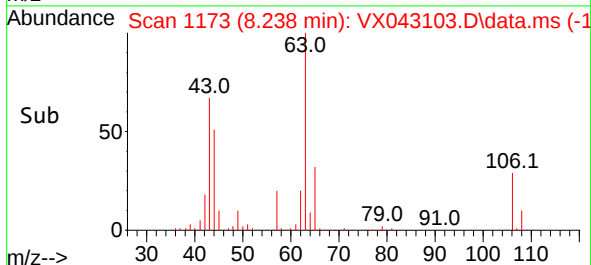
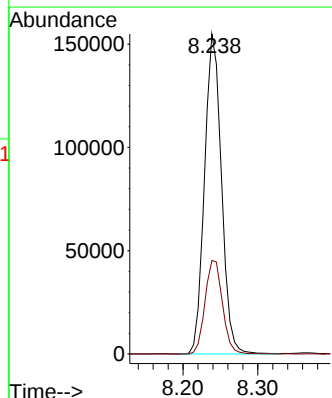
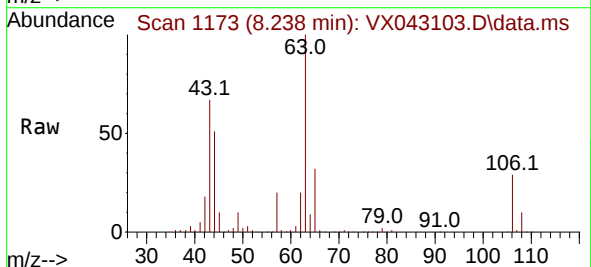
Manual Integrations
APPROVED

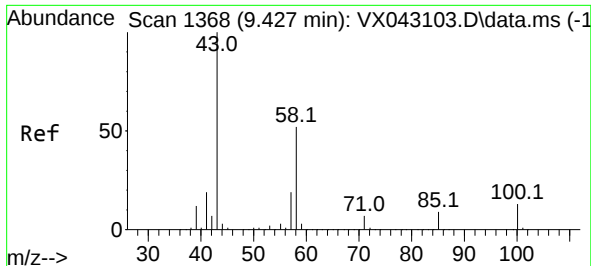
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 253.107 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 63 Resp: 244288
Ion Ratio Lower Upper
63 100
106 30.0 24.0 36.0





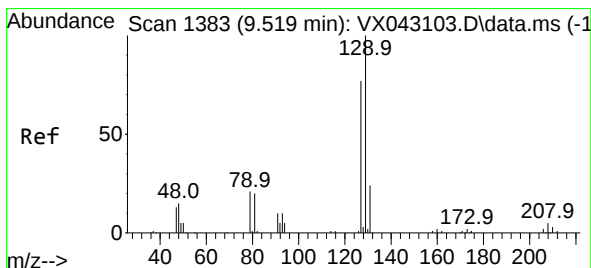
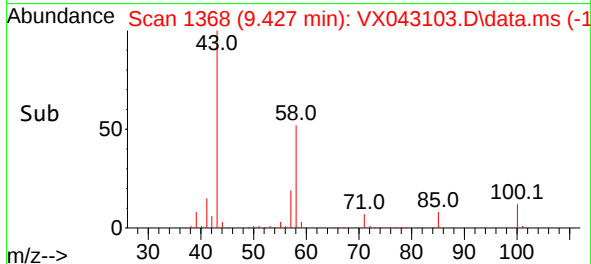
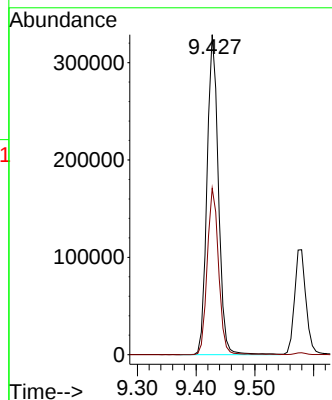
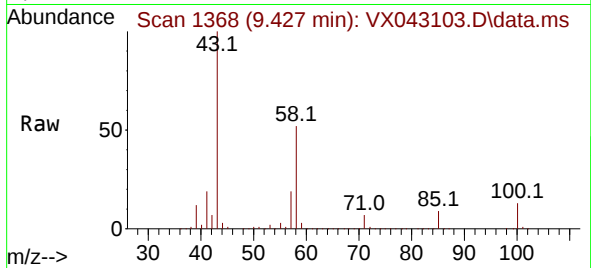
#59
2-Hexanone
Concen: 249.003 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 439958
Ion Ratio Lower Upper
43 100
58 52.1 26.1 78.2

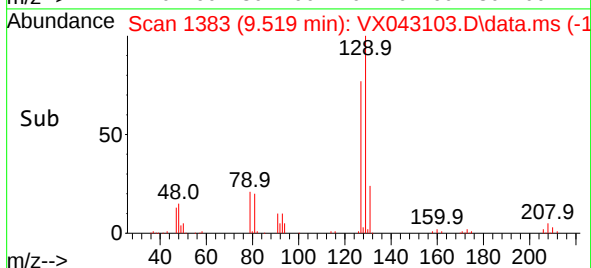
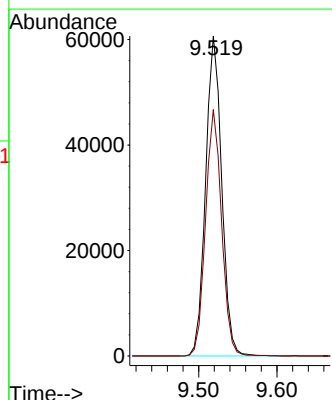
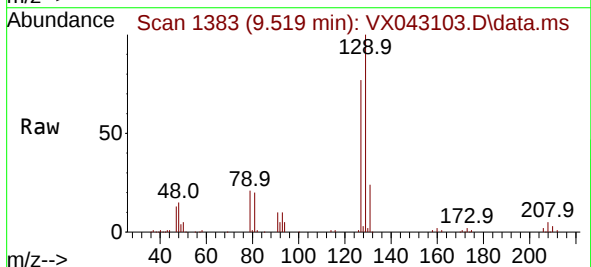
Manual Integrations
APPROVED

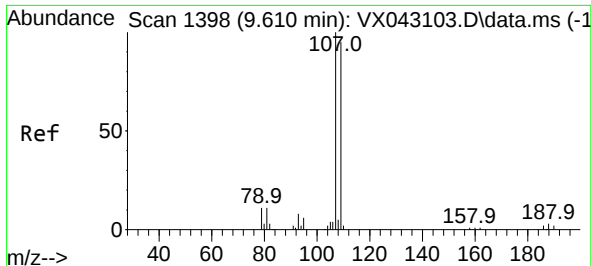
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#60
Dibromochloromethane
Concen: 48.204 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:129 Resp: 86353
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





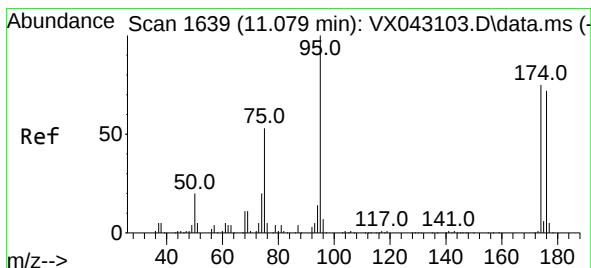
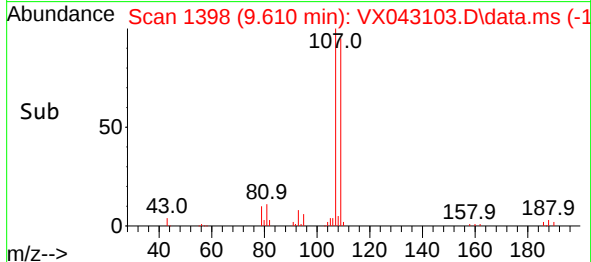
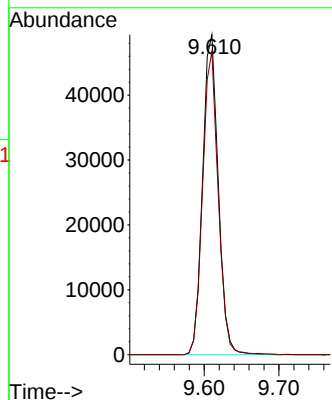
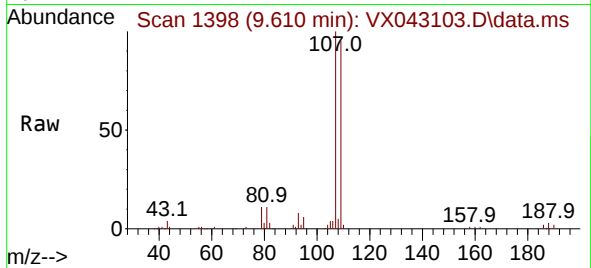
#61
1,2-Dibromoethane
Concen: 47.881 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 7186
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7

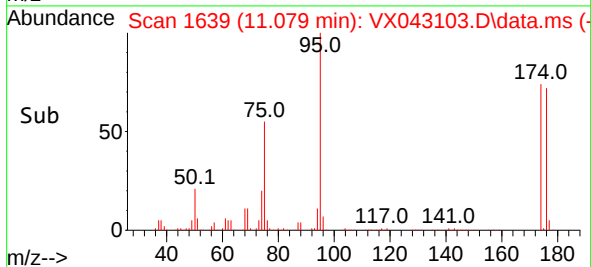
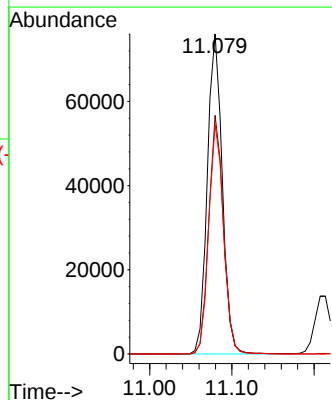
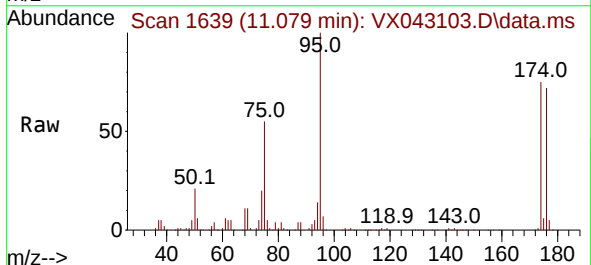
Manual Integrations
APPROVED

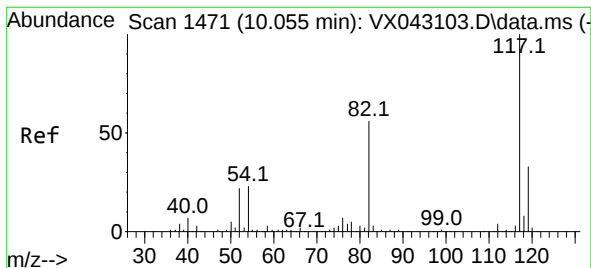
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#62
4-Bromofluorobenzene
Concen: 49.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

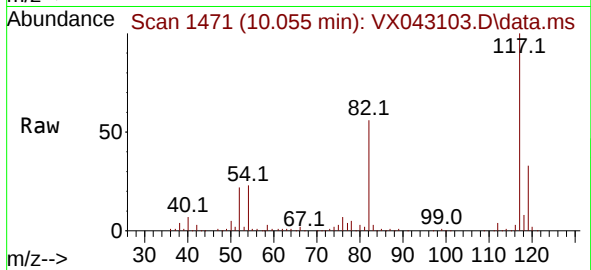
Tgt Ion: 95 Resp: 96039
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.0
176 71.3 0.0 142.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

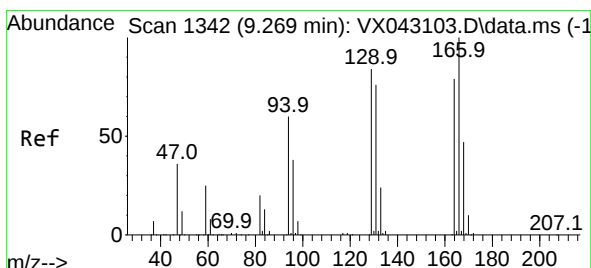
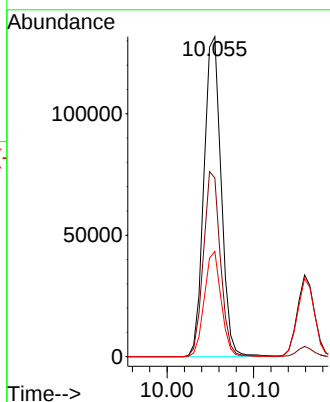
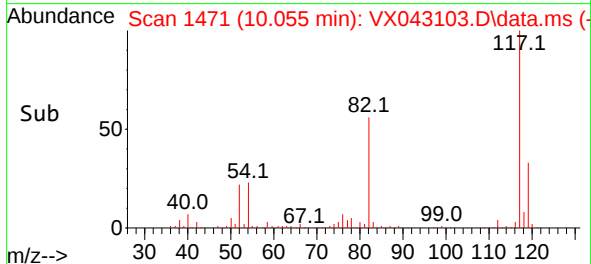
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



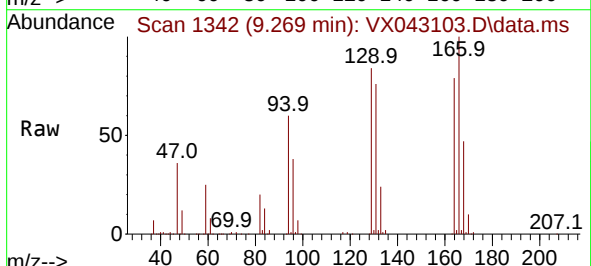
Tgt Ion:117 Resp: 182272
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.9 26.3 39.5

Manual Integrations
APPROVED

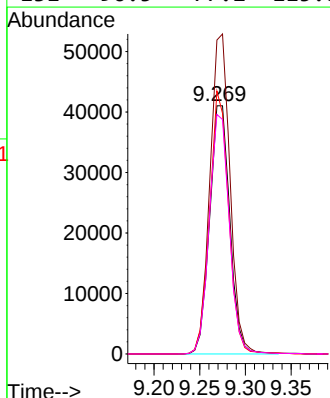
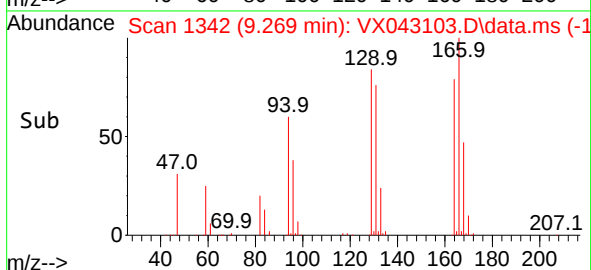
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

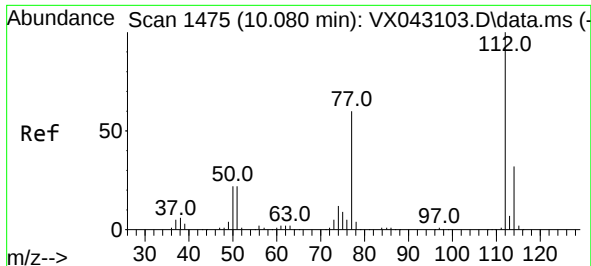


#64
Tetrachloroethene
Concen: 47.621 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



Tgt Ion:164 Resp: 62891
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 105.9 84.7 127.1
131 96.5 77.2 115.8





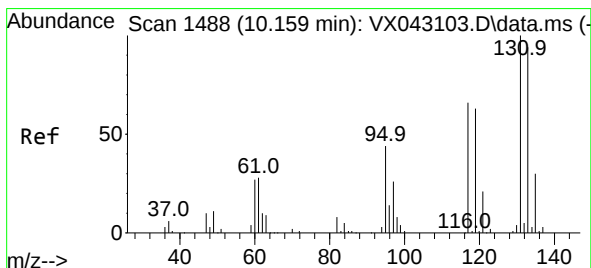
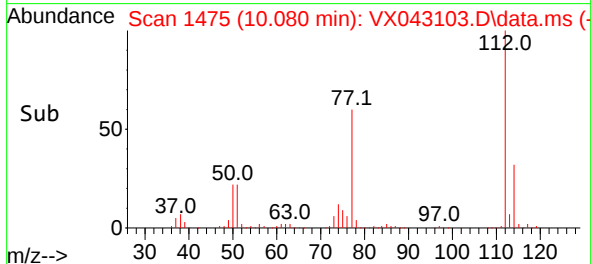
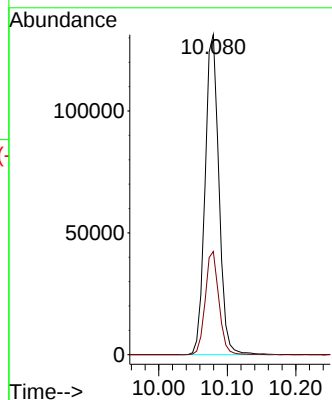
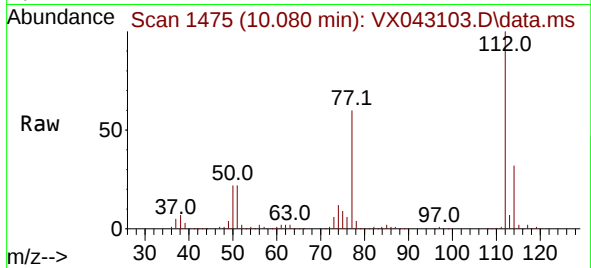
#65
Chlorobenzene
Concen: 47.148 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 18538
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

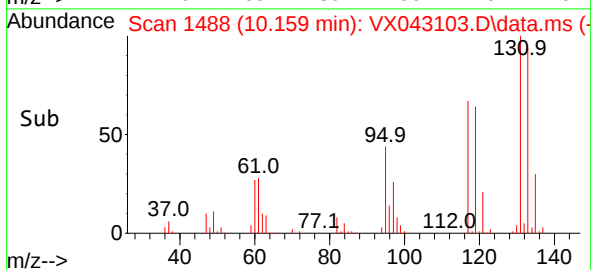
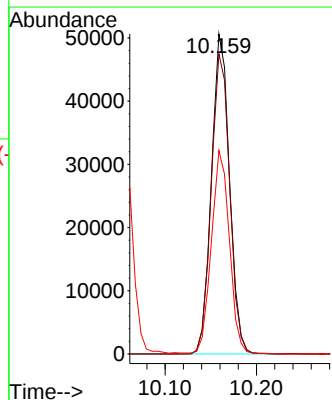
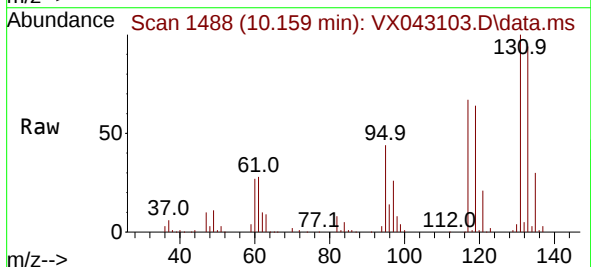
Manual Integrations
APPROVED

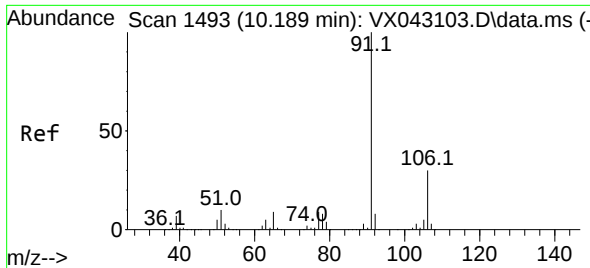
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.803 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

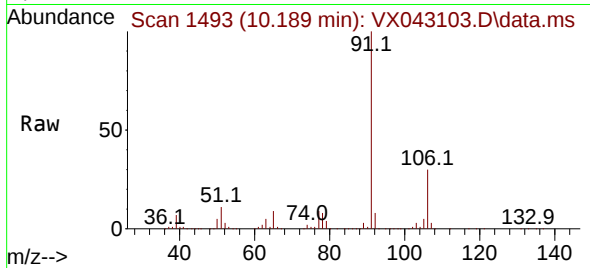
Tgt Ion:131 Resp: 69331
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 63.6 31.8 95.4





#67
Ethyl Benzene
Concen: 48.099 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

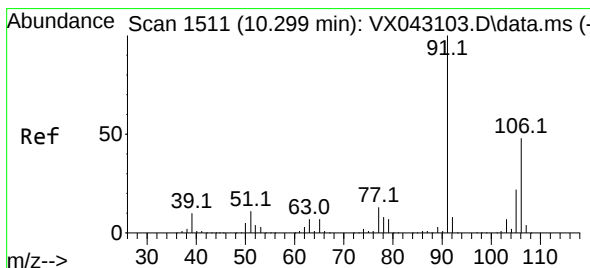
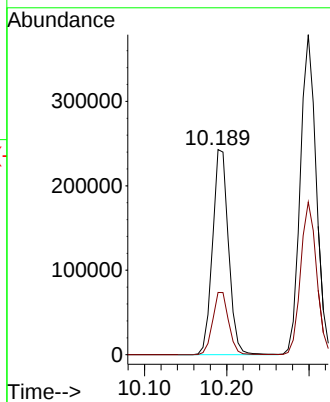
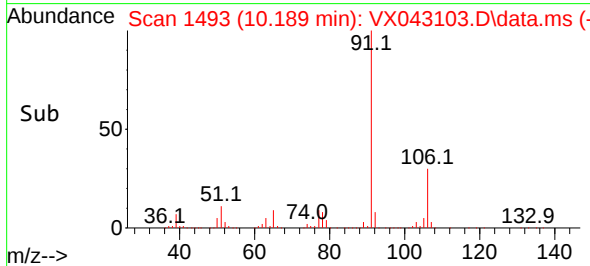
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 32715
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

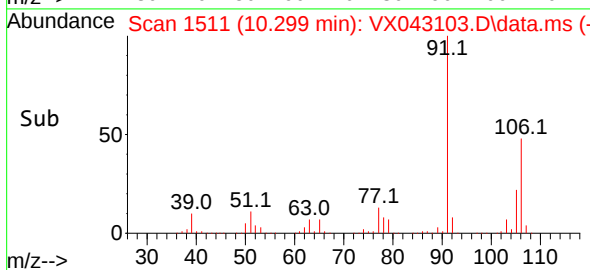
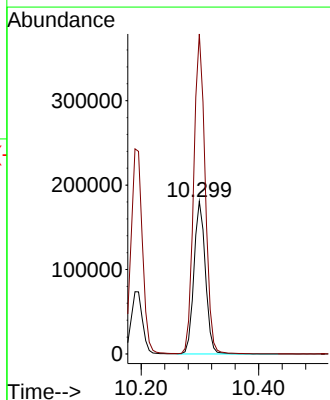
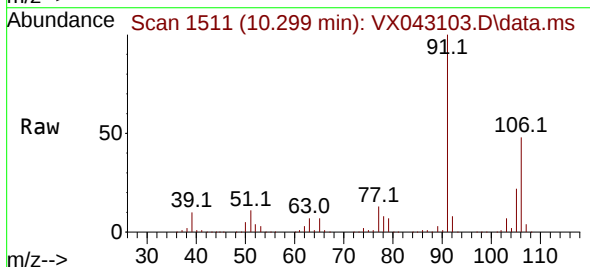
Manual Integrations
APPROVED

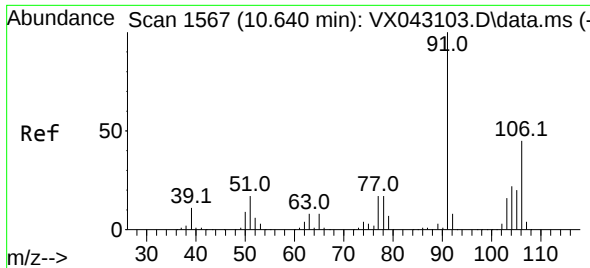
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#68
m/p-Xylenes
Concen: 96.662 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:106 Resp: 244673
Ion Ratio Lower Upper
106 100
91 209.4 167.5 251.3





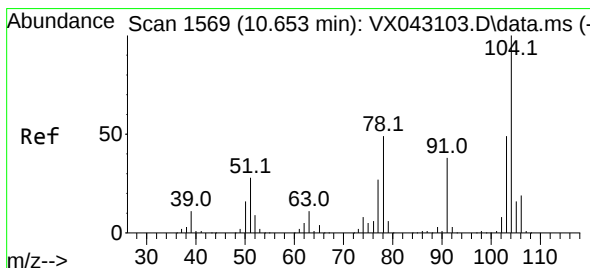
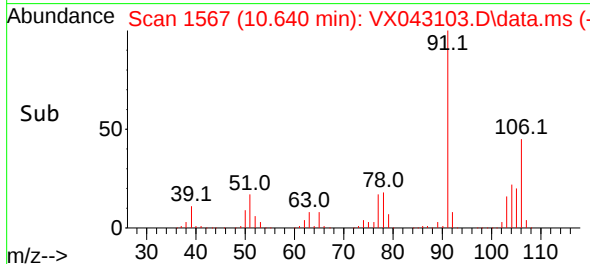
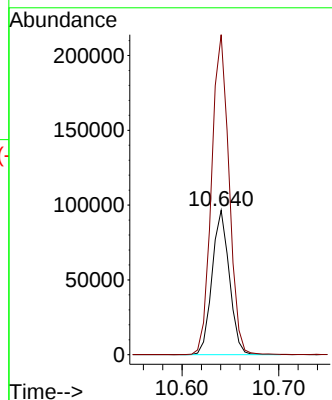
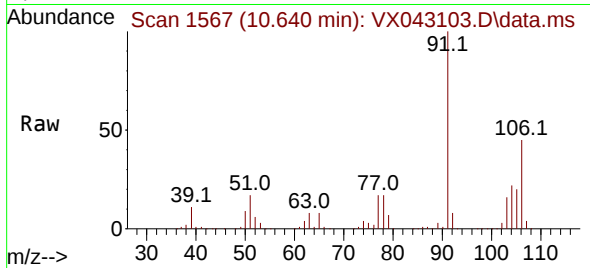
#69
o-Xylene
Concen: 47.166 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 119740
Ion Ratio Lower Upper
106 100
91 224.9 112.5 337.4

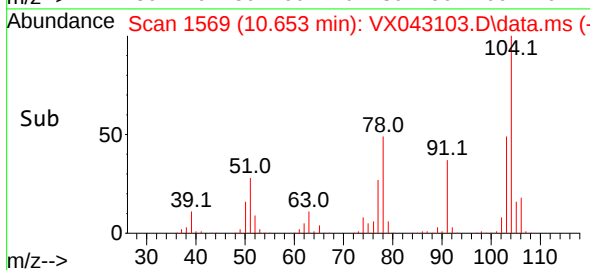
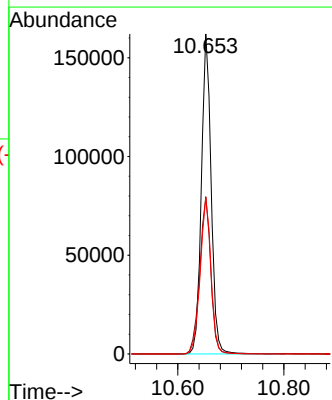
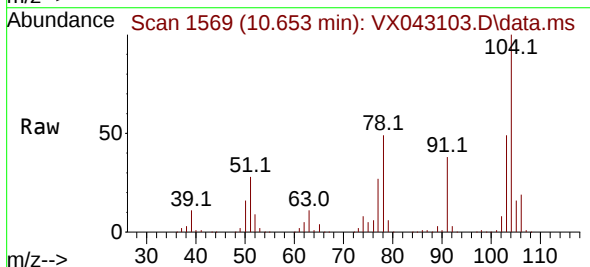
Manual Integrations
APPROVED

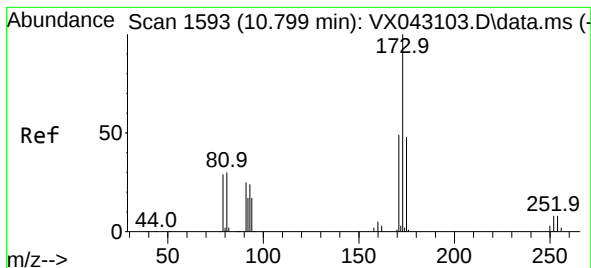
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#70
Styrene
Concen: 49.047 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:104 Resp: 207709
Ion Ratio Lower Upper
104 100
78 55.4 44.3 66.5
103 54.2 43.4 65.0





#71

Bromoform

Concen: 48.950 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 6244

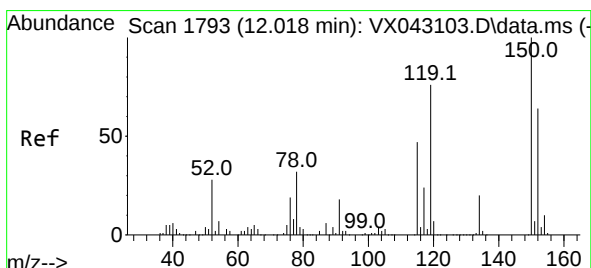
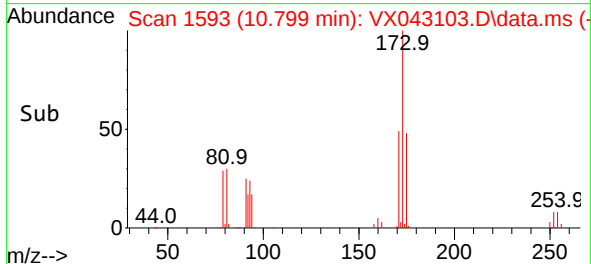
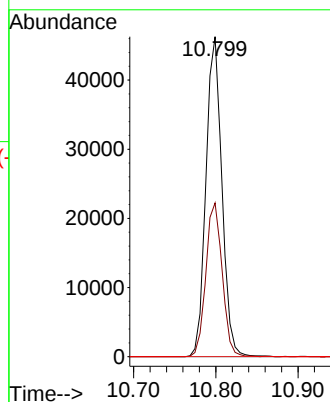
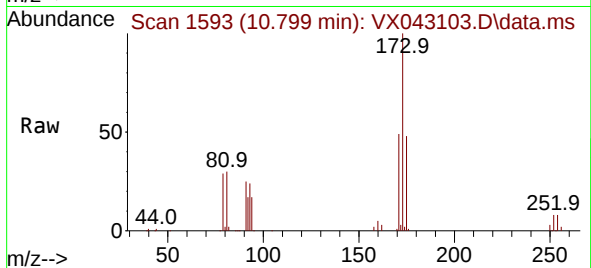
Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

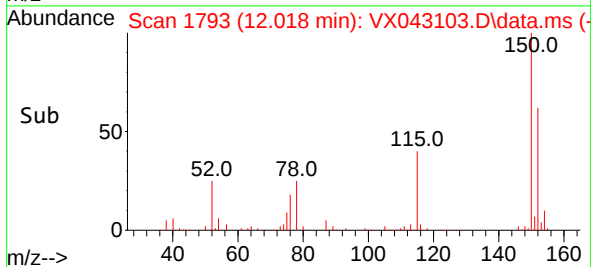
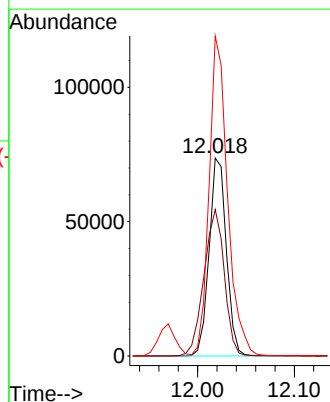
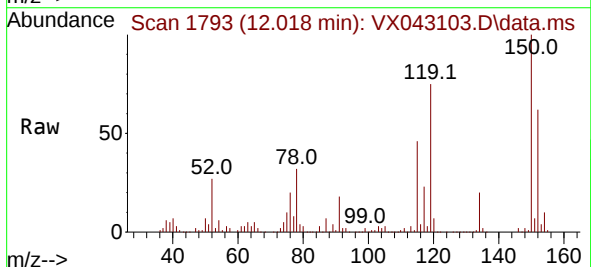
Delta R.T. 0.000 min

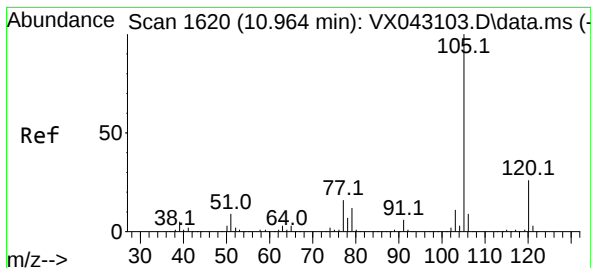
Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Tgt Ion:152 Resp: 91384

Ion	Ratio	Lower	Upper
152	100		
115	87.4	43.7	131.1
150	172.3	0.0	344.6





#73

Isopropylbenzene

Concen: 46.888 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 321340

Ion Ratio Lower Upper

105 100

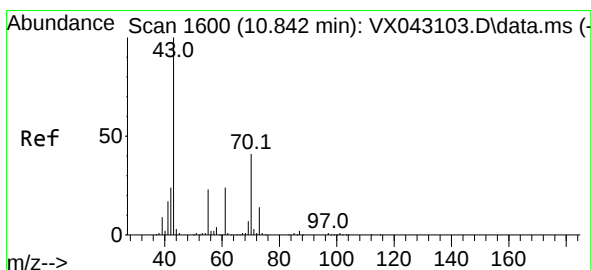
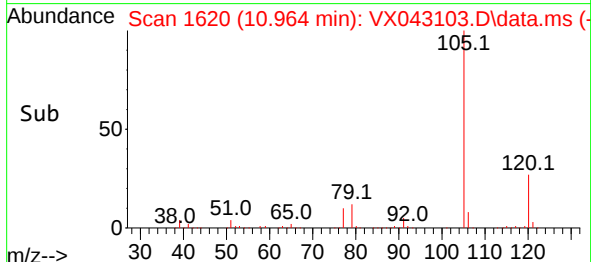
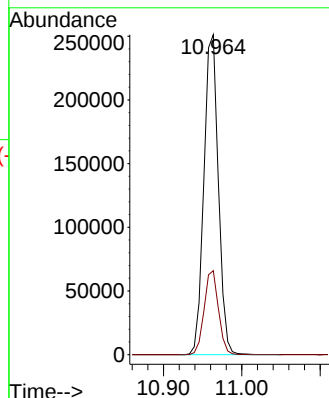
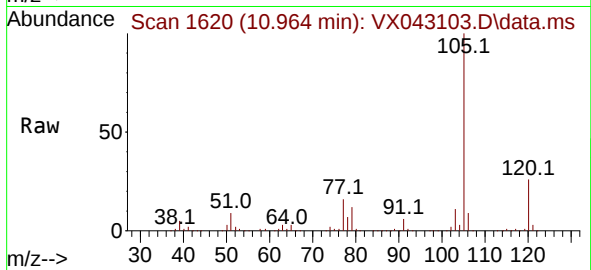
120 26.0 13.0 39.0

Manual Integrations

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Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#74

N-ethyl acetate

Concen: 47.967 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Tgt Ion: 43 Resp: 154458

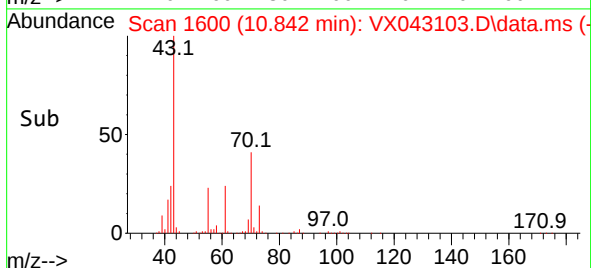
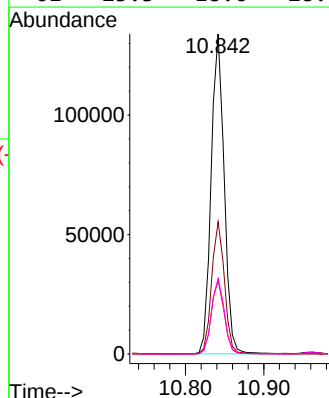
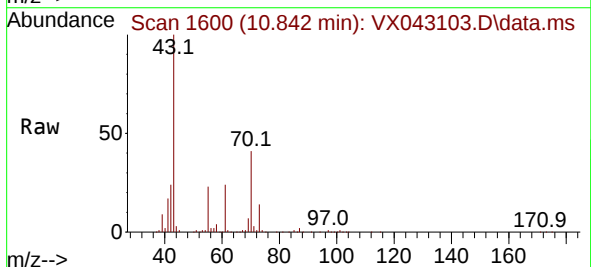
Ion Ratio Lower Upper

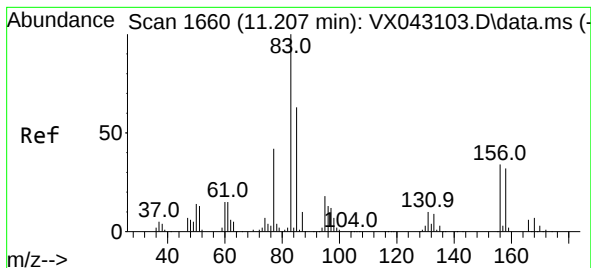
43 100

70 40.6 32.5 48.7

55 22.8 18.2 27.4

61 23.3 18.6 28.0





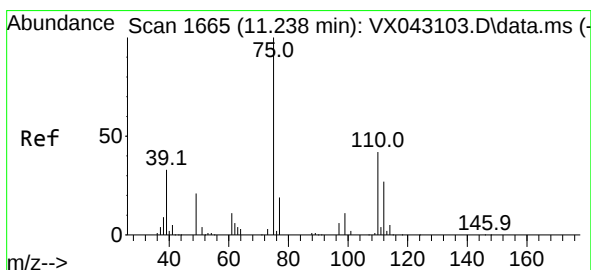
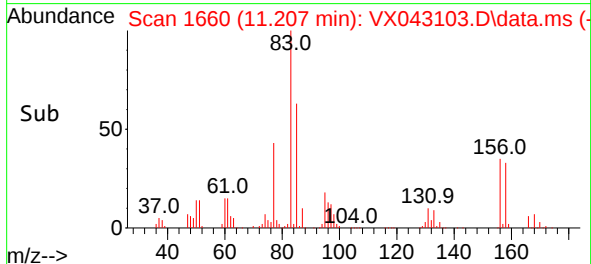
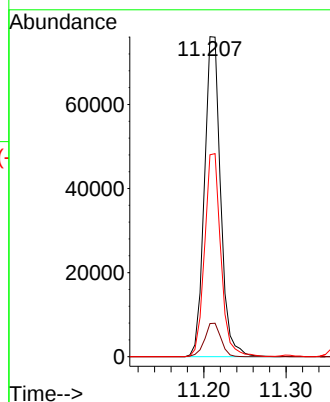
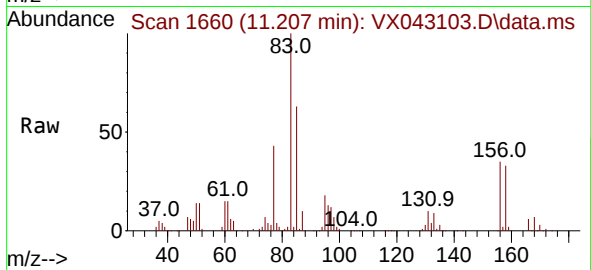
#75
1,1,2,2-Tetrachloroethane
Concen: 47.072 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 103809
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 63.8 31.9 95.7

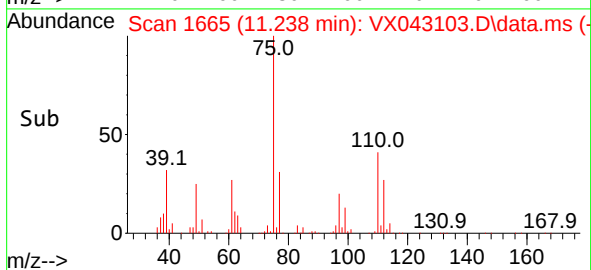
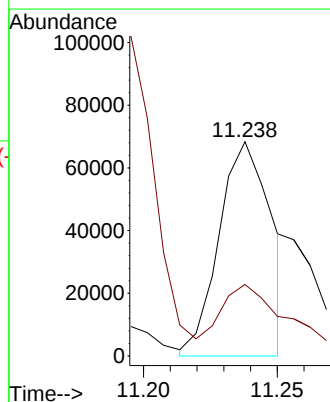
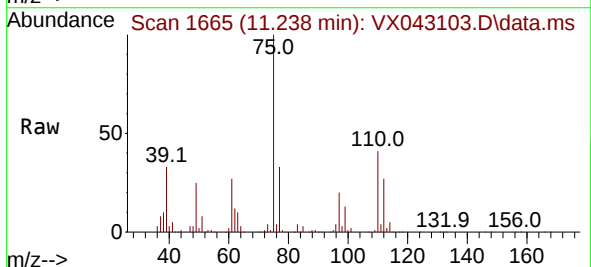
Manual Integrations
APPROVED

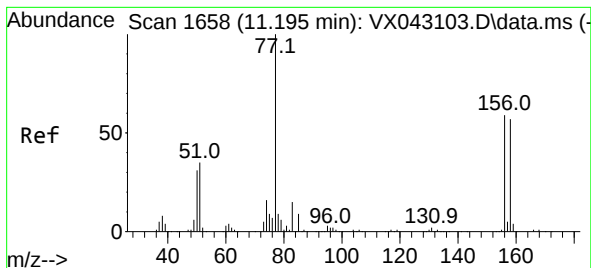
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#76
1,2,3-Trichloropropane
Concen: 47.525 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion: 75 Resp: 92335
Ion Ratio Lower Upper
75 100
77 43.8 21.9 65.7





#77

Bromobenzene

Concen: 47.488 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

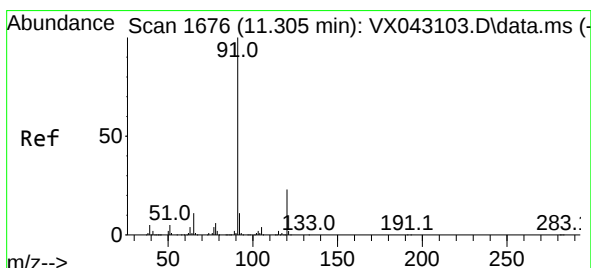
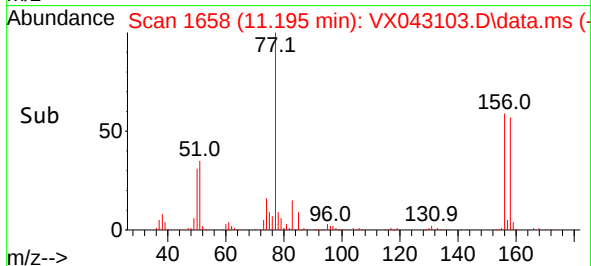
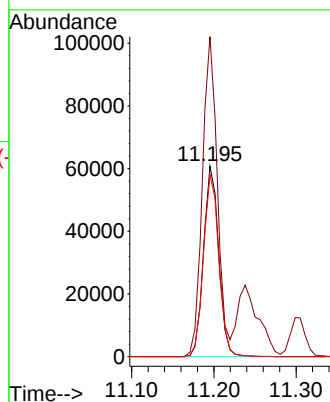
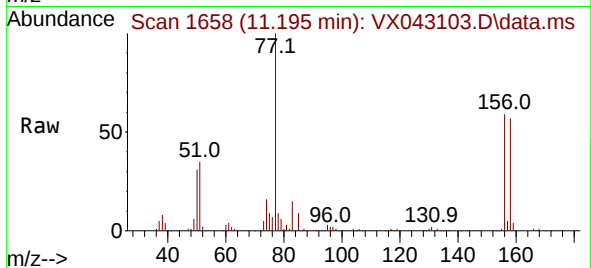
Tgt Ion:	156	Resp:	78130
Ion Ratio	Lower	Upper	
156	100		
77	164.9	82.5	247.3
158	96.4	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#78

n-propylbenzene

Concen: 47.488 ug/l

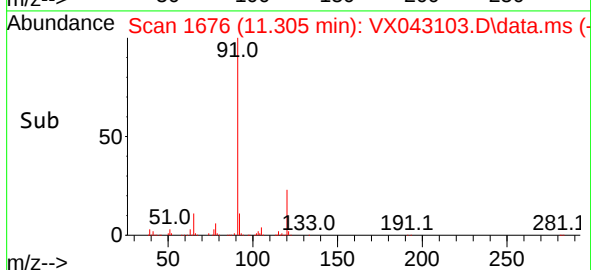
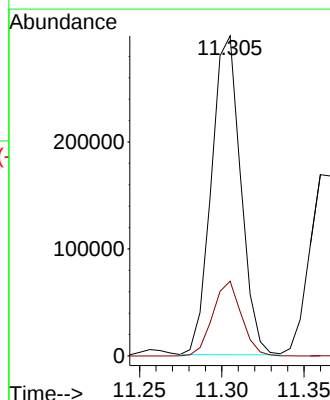
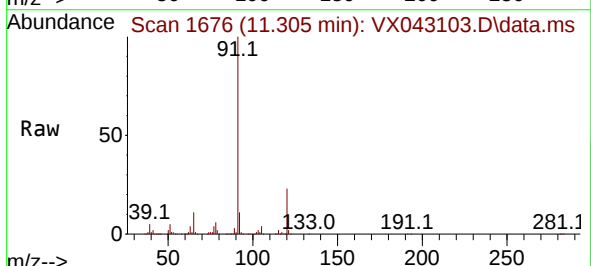
RT: 11.305 min Scan# 1676

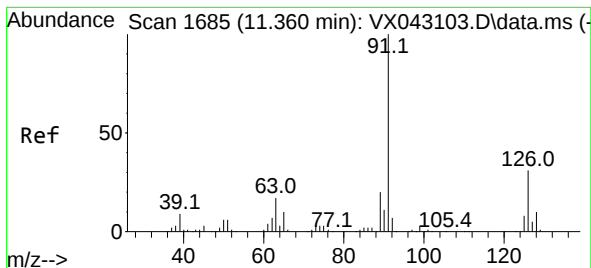
Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Tgt Ion:	91	Resp:	369241
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





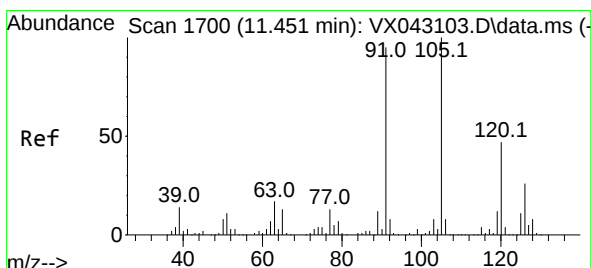
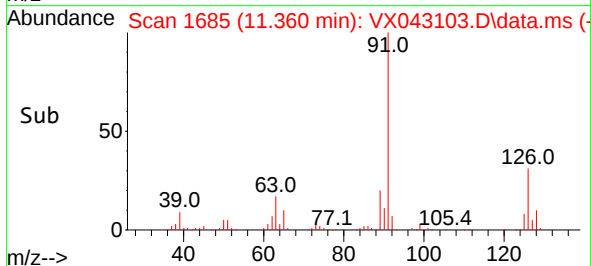
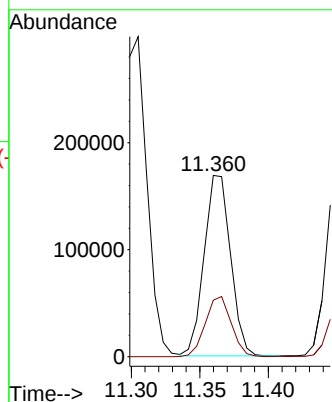
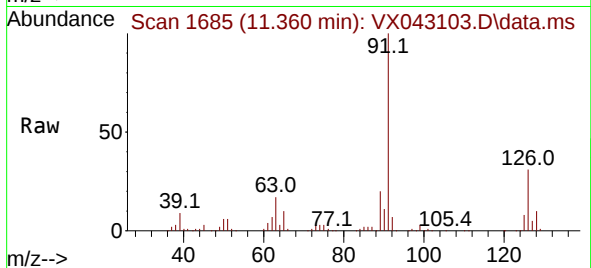
#79
2-Chlorotoluene
Concen: 46.407 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 22632
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

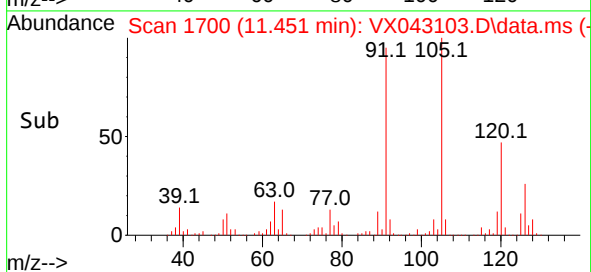
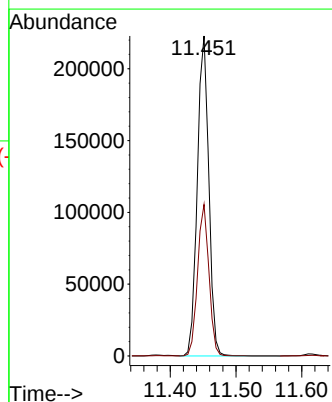
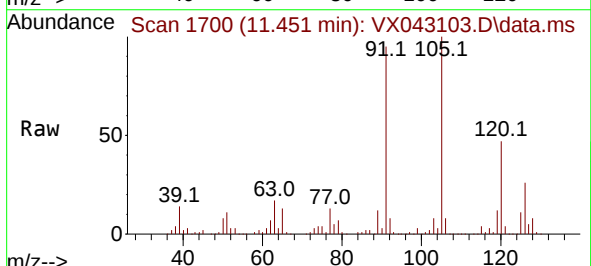
Manual Integrations
APPROVED

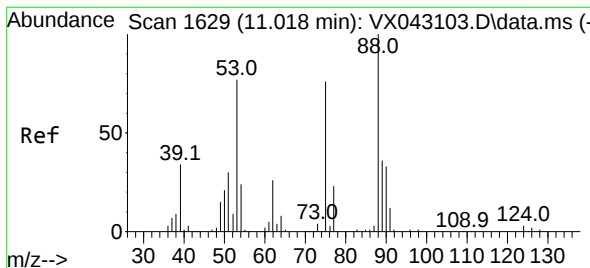
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.526 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Tgt Ion:105 Resp: 269488
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.5





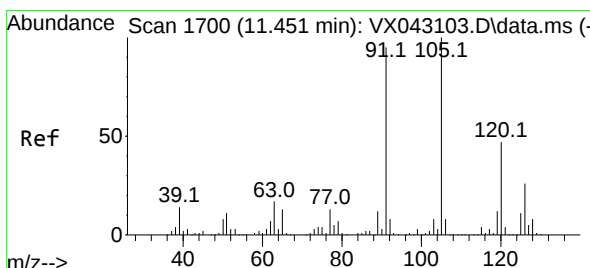
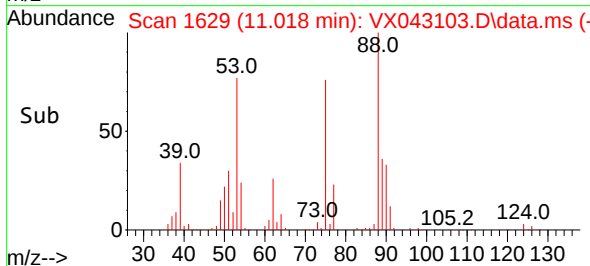
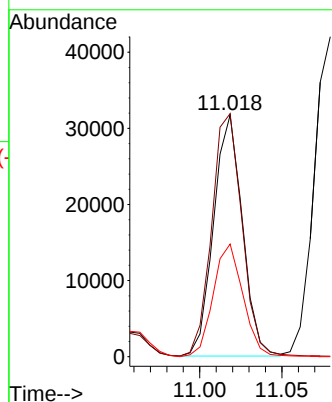
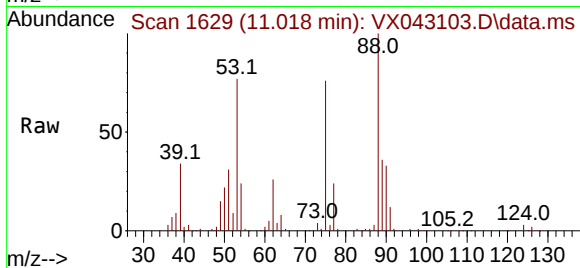
#81
trans-1,4-Dichloro-2-butene
Concen: 47.202 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 3849
Ion Ratio Lower Upper
75 100
53 106.8 85.4 128.2
89 48.5 38.8 58.2

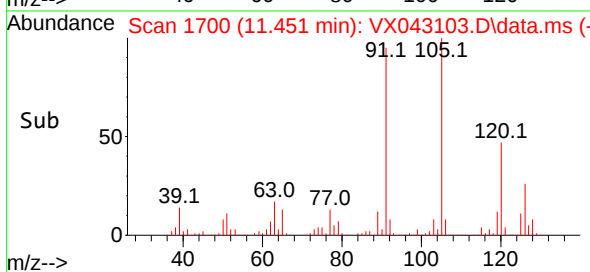
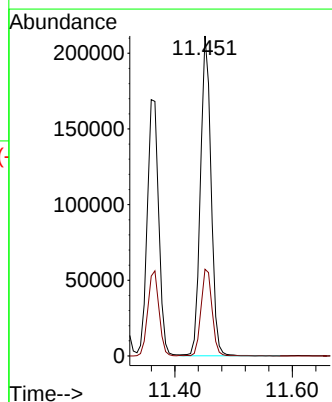
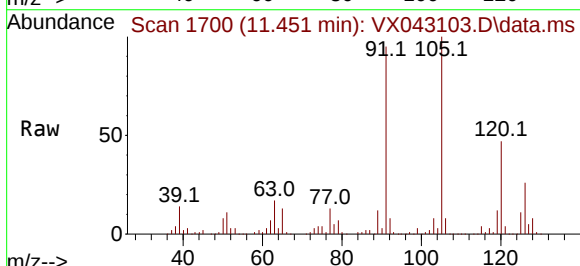
Manual Integrations
APPROVED

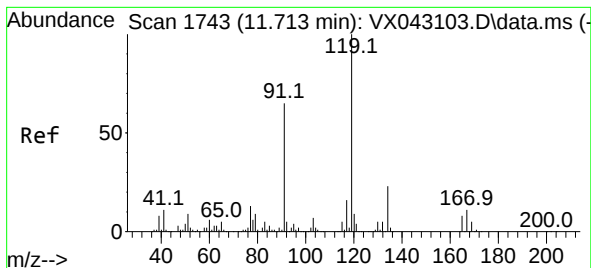
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#82
4-Chlorotoluene
Concen: 47.583 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

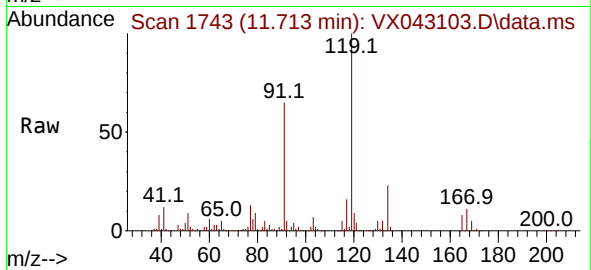
Tgt Ion: 91 Resp: 265245
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83
tert-Butylbenzene
Concen: 46.427 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

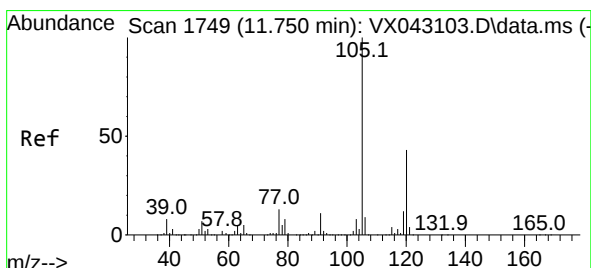
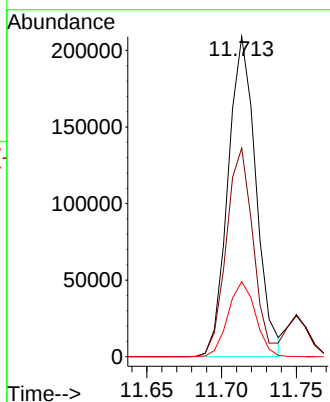
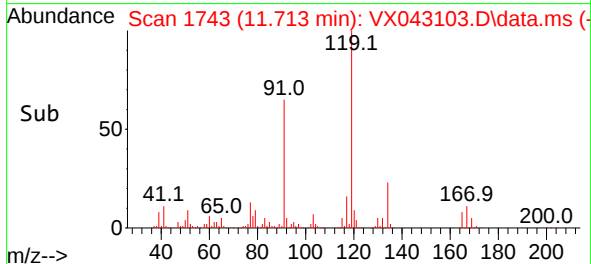
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



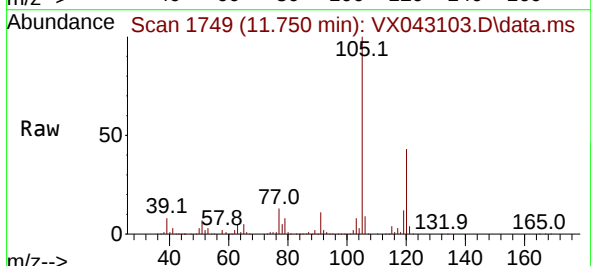
Tgt Ion:119 Resp: 27127
Ion Ratio Lower Upper
119 100
91 63.5 31.8 95.3
134 23.1 11.6 34.7

Manual Integrations
APPROVED

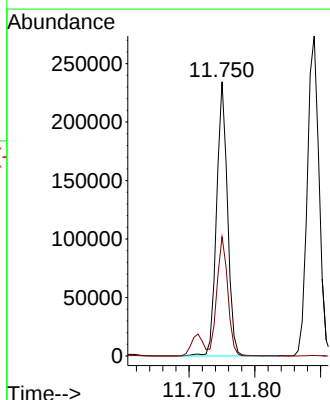
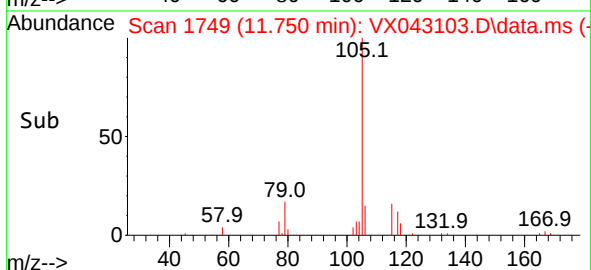
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

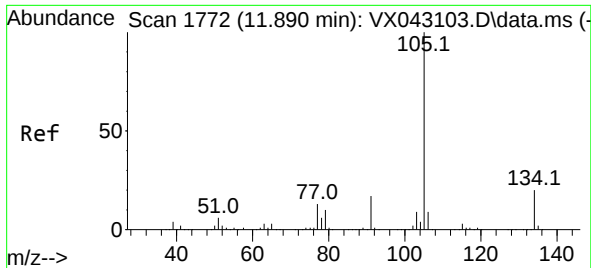


#84
1,2,4-Trimethylbenzene
Concen: 47.873 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



Tgt Ion:105 Resp: 270066
Ion Ratio Lower Upper
105 100
120 43.6 21.8 65.4





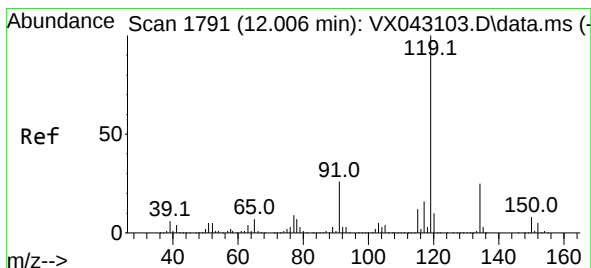
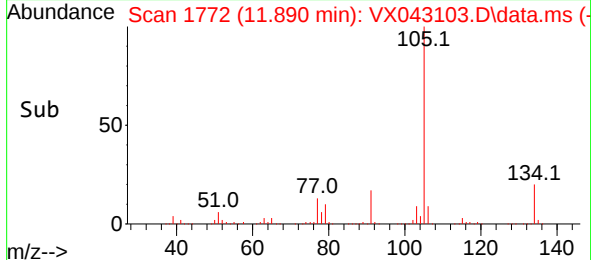
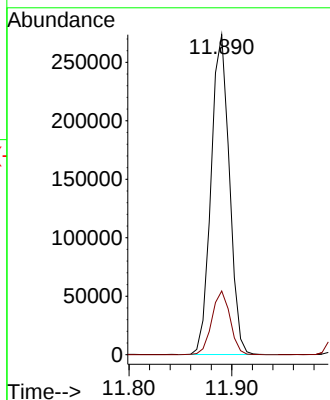
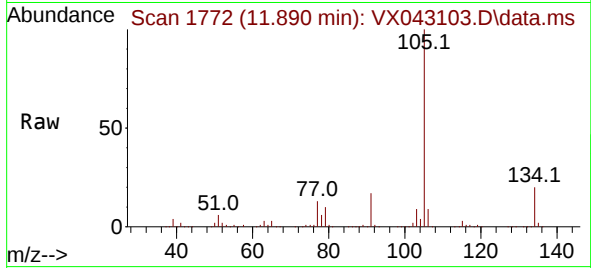
#85
 sec-Butylbenzene
 Concen: 47.090 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 33816
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8

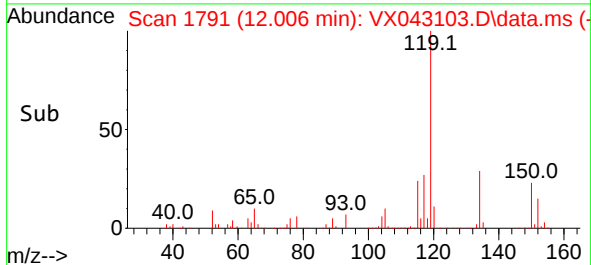
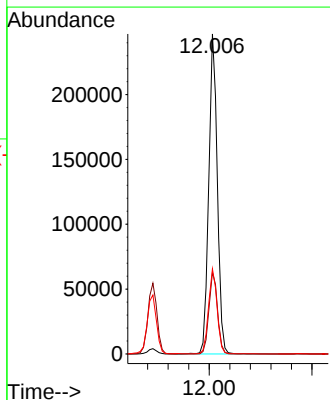
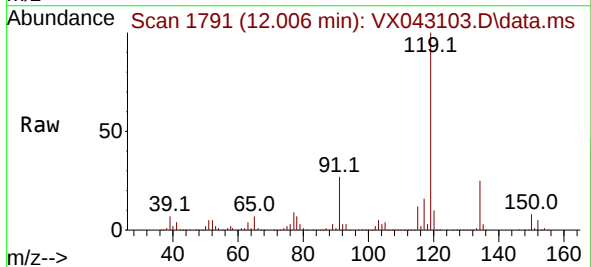
Manual Integrations
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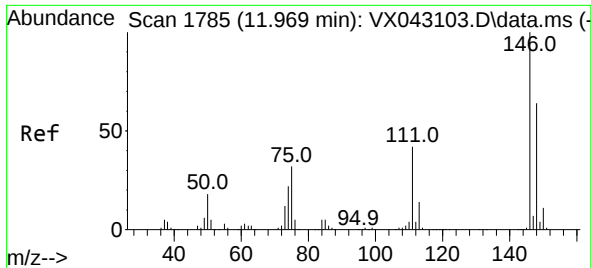
Reviewed By :John Carlone 09/24/2024
 Supervised By :Mahesh Dadoda 09/24/2024



#86
 p-Isopropyltoluene
 Concen: 47.643 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX043103.D
 Acq: 23 Sep 2024 09:56

Tgt Ion:119 Resp: 284049
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 26.5 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 47.442 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 14232

Ion Ratio Lower Upper

146 100

111 43.1 21.6 64.6

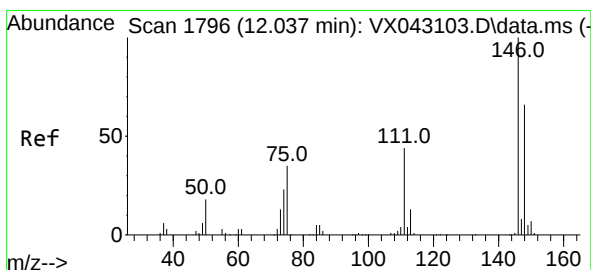
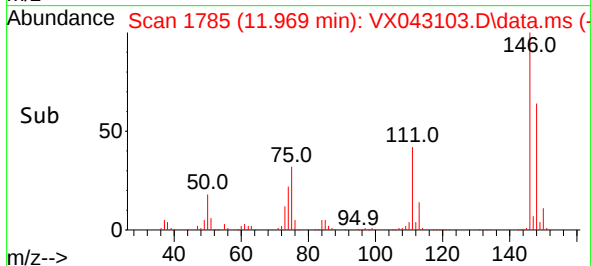
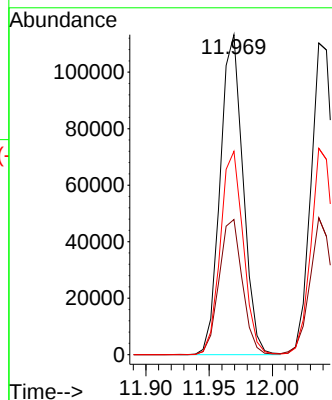
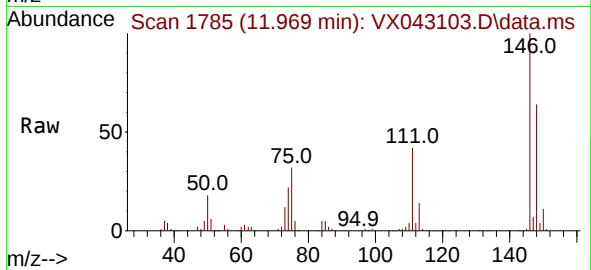
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#88

1,4-Dichlorobenzene

Concen: 46.755 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

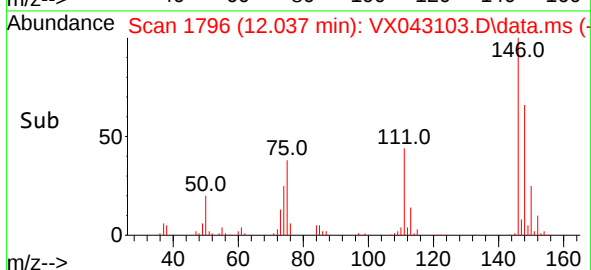
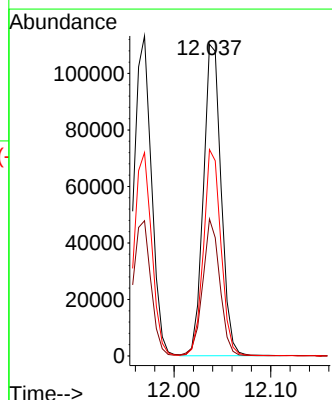
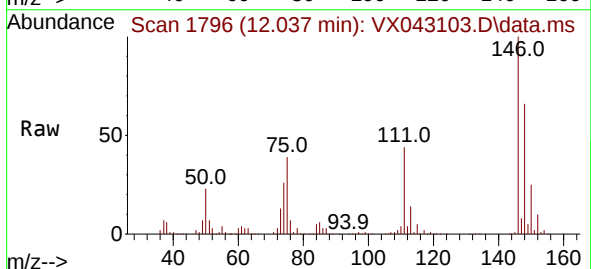
Tgt Ion:146 Resp: 140649

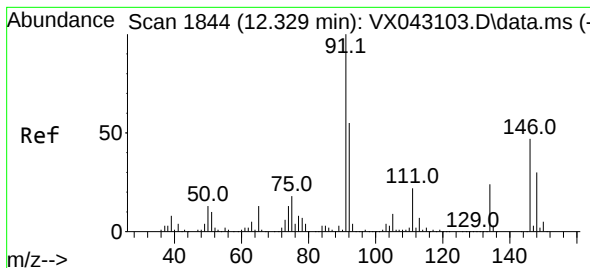
Ion Ratio Lower Upper

146 100

111 42.4 21.2 63.6

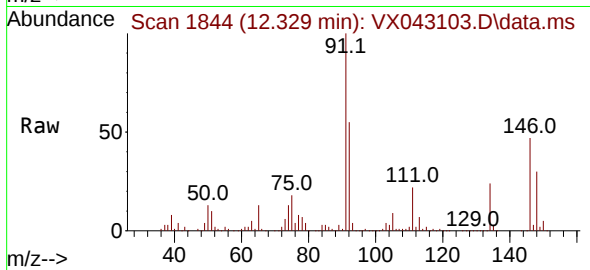
148 65.3 32.6 98.0





#89
n-Butylbenzene
Concen: 49.001 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

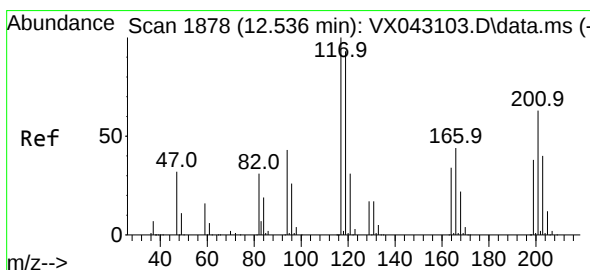
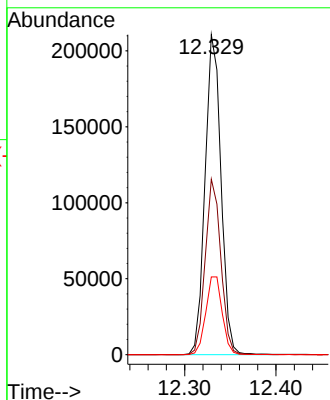
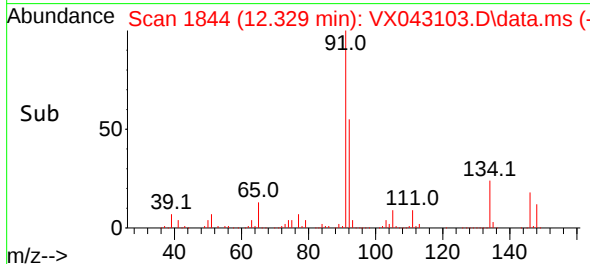
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 25460
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.7
134 25.1 12.6 37.6

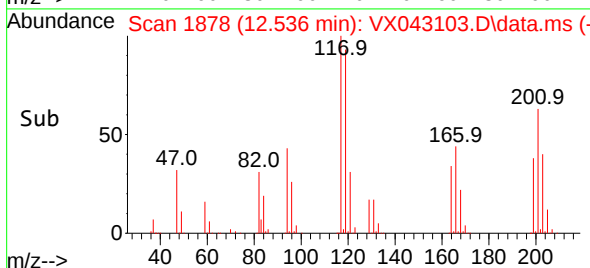
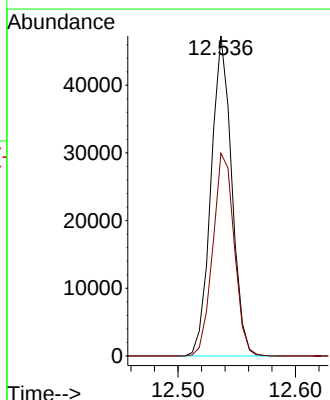
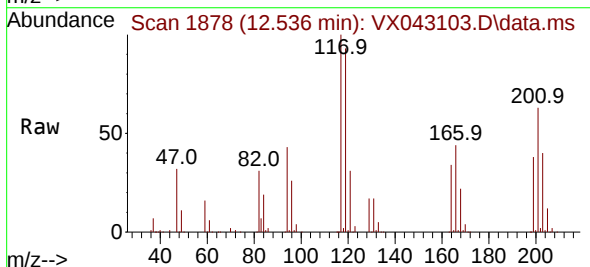
Manual Integrations
APPROVED

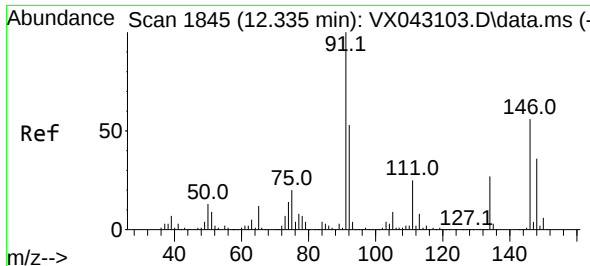
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#90
Hexachloroethane
Concen: 48.679 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

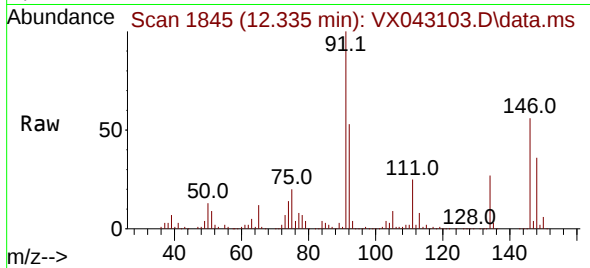
Tgt Ion:117 Resp: 57839
Ion Ratio Lower Upper
117 100
201 65.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 46.857 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

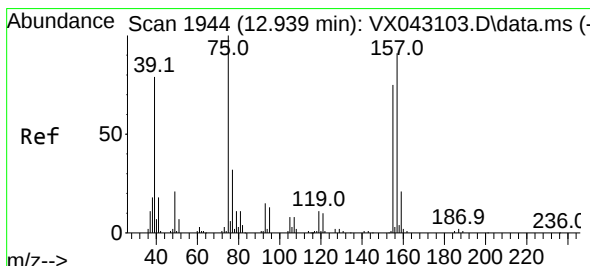
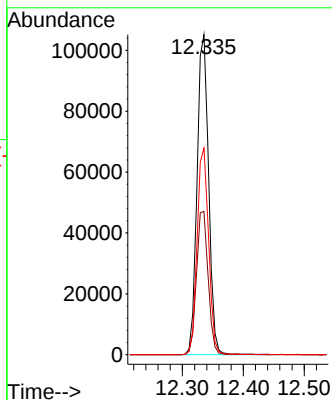
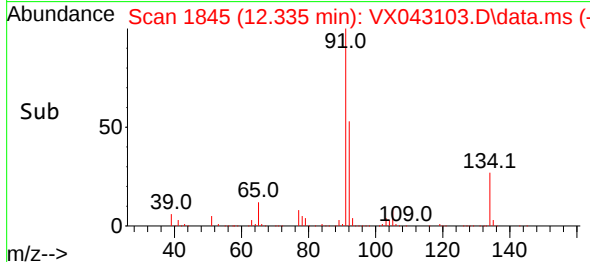
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



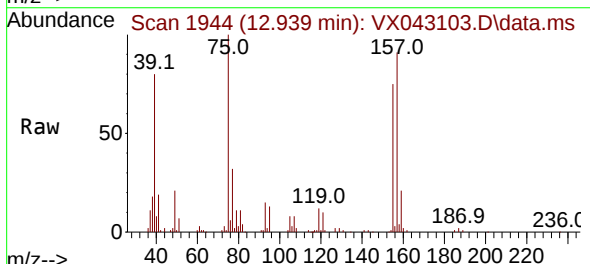
Tgt Ion:146 Resp: 13843
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.8
148 64.1 32.0 96.2

Manual Integrations
APPROVED

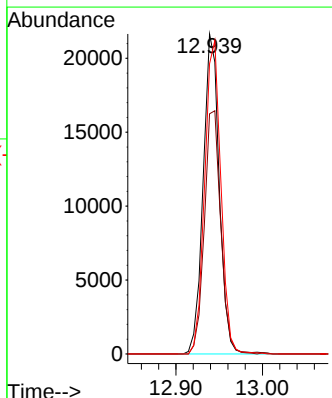
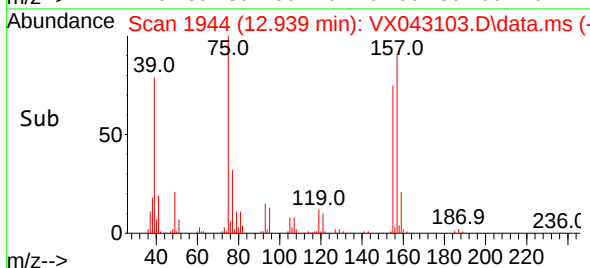
Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024

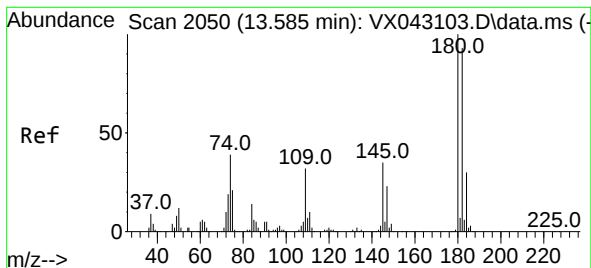


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.954 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



Tgt Ion: 75 Resp: 27996
Ion Ratio Lower Upper
75 100
155 77.2 38.6 115.8
157 98.4 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 47.657 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

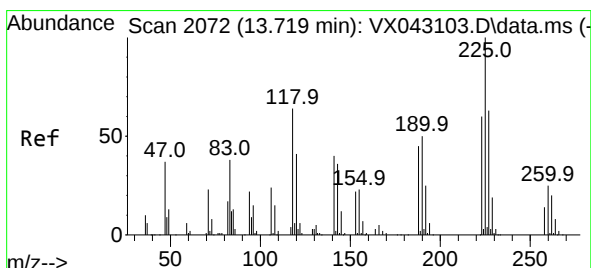
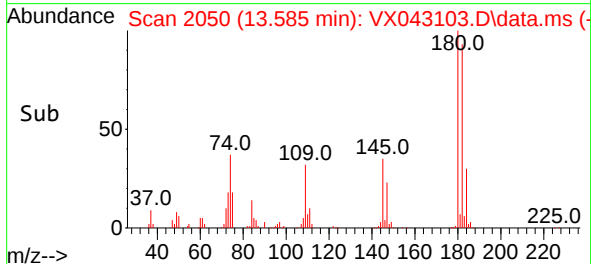
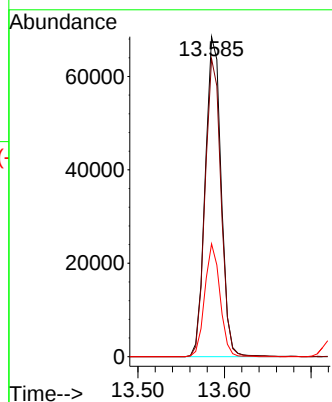
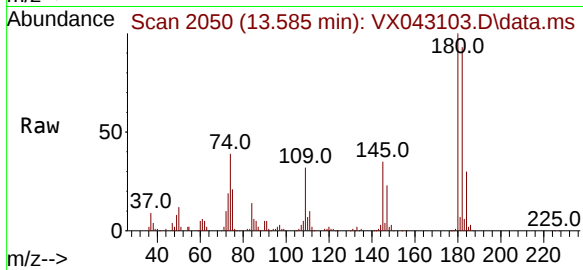
Tgt Ion:180	Resp:	87290
Ion Ratio	Lower	Upper
180	100	
182	93.3	46.7 140.0
145	33.9	17.0 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2024

Supervised By :Mahesh Dadoda 09/24/2024



#94

Hexachlorobutadiene

Concen: 47.219 ug/l

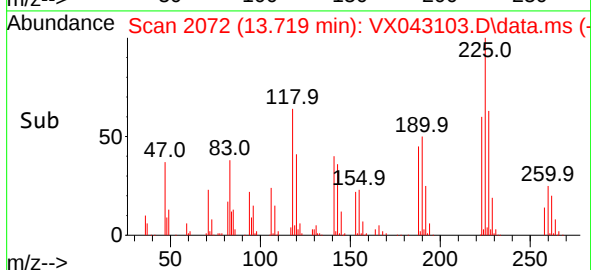
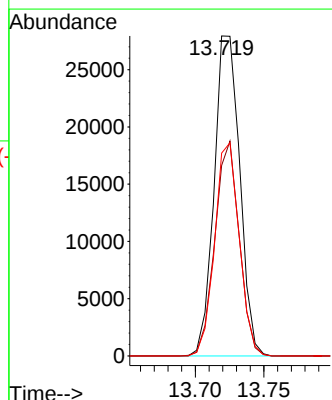
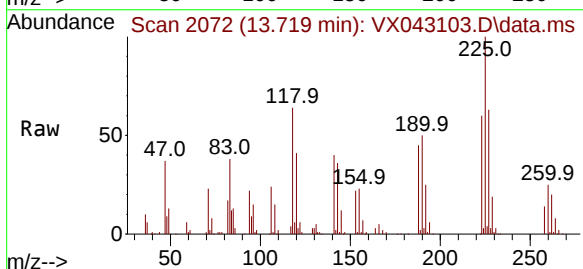
RT: 13.719 min Scan# 2072

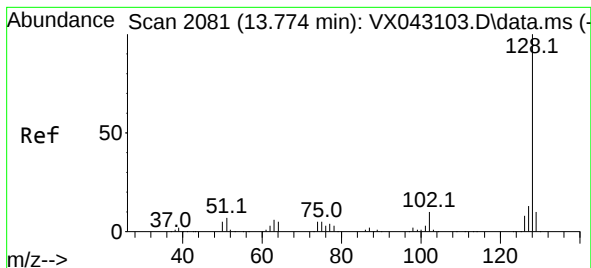
Delta R.T. 0.000 min

Lab File: VX043103.D

Acq: 23 Sep 2024 09:56

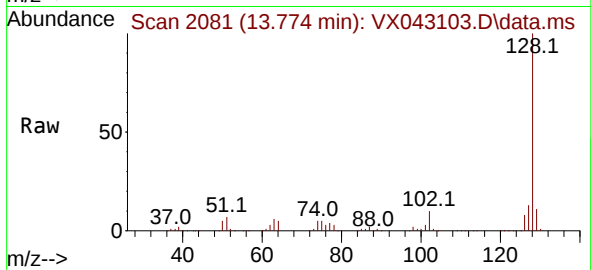
Tgt Ion:225	Resp:	36338
Ion Ratio	Lower	Upper
225	100	
223	63.6	31.8 95.4
227	63.8	31.9 95.7





#95
Naphthalene
Concen: 47.621 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56

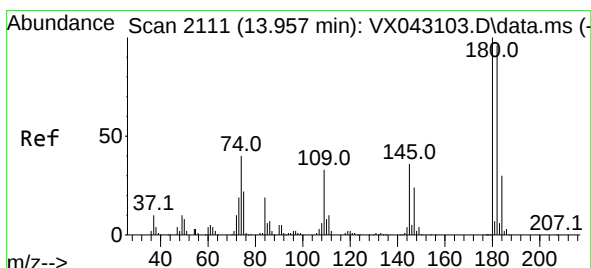
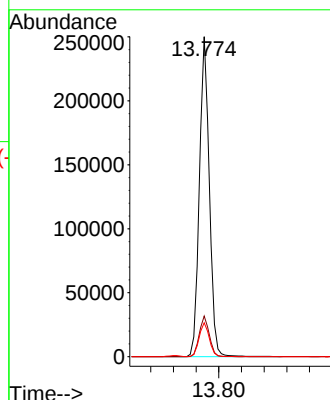
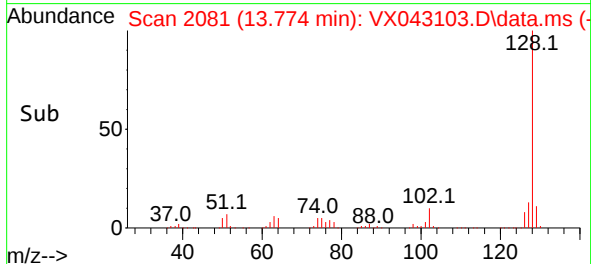
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



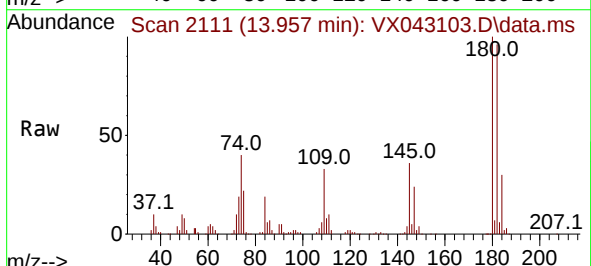
Tgt Ion:128 Resp: 30317
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2024
Supervised By :Mahesh Dadoda 09/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.659 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX043103.D
Acq: 23 Sep 2024 09:56



Tgt Ion:180 Resp: 86731
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.4
145 35.4 17.7 53.1

