

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031691.D
 Acq On : 27 Sep 2022 10:29
 Operator : JC/MD
 Sample : VX0927WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 06:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	65639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	101078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72697	52.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	5.379	113	60753	50.444	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.647	98	229514	52.565	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	11.079	95	88108	55.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	15125	18.934	ug/l	95
3) Chloromethane	1.288	50	16423	21.497	ug/l	98
4) Vinyl Chloride	1.368	62	21081	19.176	ug/l	98
5) Bromomethane	1.612	94	23749	20.668	ug/l	97
6) Chloroethane	1.685	64	23547	17.239	ug/l	96
7) Trichlorofluoromethane	1.886	101	51749	17.079	ug/l	98
8) Diethyl Ether	2.130	74	17027	19.802	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.331	101	17284	19.809	ug/l	91
10) Methyl Iodide	2.453	142	16962	19.833	ug/l	100
11) Tert butyl alcohol	2.995	59	16082	68.865	ug/l	98
12) 1,1-Dichloroethene	2.319	96	14697	20.276	ug/l	92
13) Acrolein	2.239	56	8825	87.497	ug/l	97
14) Allyl chloride	2.660	41	20989	18.284	ug/l #	89
15) Acrylonitrile	3.069	53	47146	97.512	ug/l	99
16) Acetone	2.392	43	36383	101.499	ug/l	99
17) Carbon Disulfide	2.508	76	28680	18.654	ug/l	99
18) Methyl Acetate	2.703	43	23806	19.016	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	62476	20.163	ug/l	99
20) Methylene Chloride	2.788	84	18802	20.338	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	18845	19.537	ug/l	95
22) Diisopropyl ether	3.757	45	59065	19.992	ug/l #	85
23) Vinyl Acetate	3.721	43	237008	101.433	ug/l	95
24) 1,1-Dichloroethane	3.605	63	34482	20.244	ug/l	95
25) 2-Butanone	4.562	43	65319	98.228	ug/l	93
26) 2,2-Dichloropropane	4.477	77	28302	20.472	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	24585	20.811	ug/l	88
28) Bromochloromethane	4.898	49	16044	20.135	ug/l #	78
29) Tetrahydrofuran	5.013	42	41486	99.311	ug/l #	87
30) Chloroform	5.093	83	41711	19.906	ug/l	95
31) Cyclohexane	5.471	56	27259	20.579	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	37212	21.442	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27788	20.091	ug/l	96
37) Ethyl Acetate	4.715	43	26897	19.280	ug/l	98
38) Carbon Tetrachloride	5.678	117	31193	20.011	ug/l	99
39) Methylcyclohexane	7.379	83	33195	21.064	ug/l	89
40) Benzene	6.038	78	84268	19.837	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	14082	19.837	ug/l	91
42) 1,2-Dichloroethane	6.086	62	33559	20.427	ug/l	98
43) Isopropyl Acetate	6.336	43	43364	19.749	ug/l	97
44) Trichloroethene	7.123	130	24809	20.677	ug/l	91
45) 1,2-Dichloropropane	7.428	63	20266	19.657	ug/l	92
46) Dibromomethane	7.580	93	17215	20.792	ug/l	94
47) Bromodichloromethane	7.818	83	31544	21.113	ug/l	99
48) Methyl methacrylate	7.690	41	20614	21.347	ug/l	92
49) 1,4-Dioxane	7.690	88	10278	413.175	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	141832	102.049	ug/l	96
52) Toluene	8.720	92	60047	21.206	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30478	18.881	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32912	21.197	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	24865	20.395	ug/l	98
56) Ethyl methacrylate	9.116	69	33148	21.251	ug/l	91
57) 1,3-Dichloropropane	9.305	76	39697	20.560	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	79526	103.539	ug/l	91
59) 2-Hexanone	9.433	43	107643	103.805	ug/l	96
60) Dibromochloromethane	9.519	129	24808	18.431	ug/l	97
61) 1,2-Dibromoethane	9.610	107	26301	21.252	ug/l	98
64) Tetrachloroethene	9.275	164	24026	18.895	ug/l	96
65) Chlorobenzene	10.080	112	66784	20.150	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	24447	20.500	ug/l	98
67) Ethyl Benzene	10.195	91	114901	20.380	ug/l	96
68) m/p-Xylenes	10.305	106	92785	40.958	ug/l	99
69) o-Xylene	10.640	106	45548	20.571	ug/l	99
70) Styrene	10.659	104	74416	20.647	ug/l	99
71) Bromoform	10.799	173	16260	17.382	ug/l #	98
73) Isopropylbenzene	10.964	105	121934	21.004	ug/l	99
74) N-amyl acetate	10.842	43	38336	20.358	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	38197	20.708	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	33553m	20.618	ug/l	
77) Bromobenzene	11.195	156	29875	20.244	ug/l	94
78) n-propylbenzene	11.305	91	140059	21.681	ug/l	100
79) 2-Chlorotoluene	11.366	91	85138	21.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	106342	21.610	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8285	19.315	ug/l	86
82) 4-Chlorotoluene	11.457	91	98664	21.409	ug/l	98
83) tert-Butylbenzene	11.713	119	101394	21.366	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	107941	22.160	ug/l	100
85) sec-Butylbenzene	11.890	105	128751	21.349	ug/l	99
86) p-Isopropyltoluene	12.012	119	111989	21.533	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	59273	20.718	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	61741	20.617	ug/l	98
89) n-Butylbenzene	12.335	91	92889	21.864	ug/l	98
90) Hexachloroethane	12.536	117	16627	19.938	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	59600	20.802	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7597	20.554	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	35306	21.072	ug/l	98
94) Hexachlorobutadiene	13.725	225	13735	21.023	ug/l	98
95) Naphthalene	13.774	128	122096	21.816	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36390	21.163	ug/l	97

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

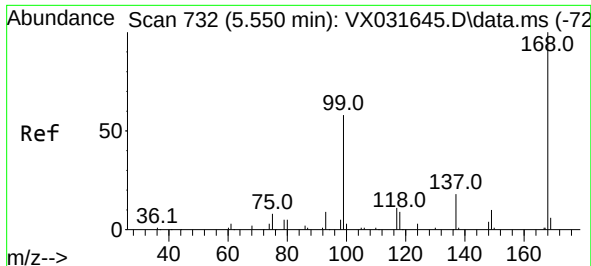
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 06:27:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

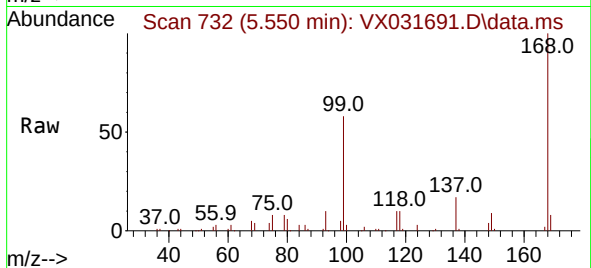
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX031691.D
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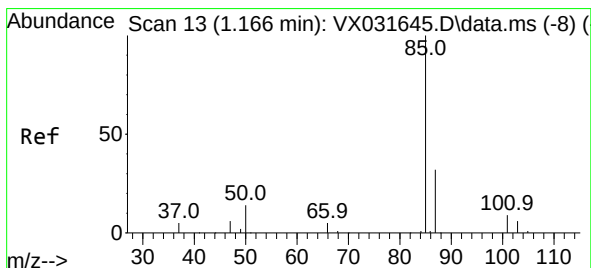
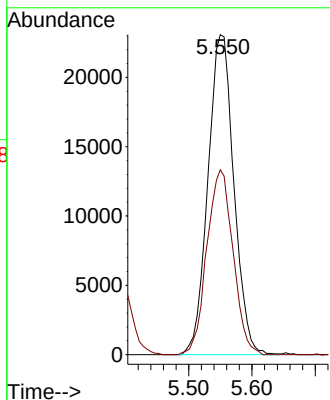
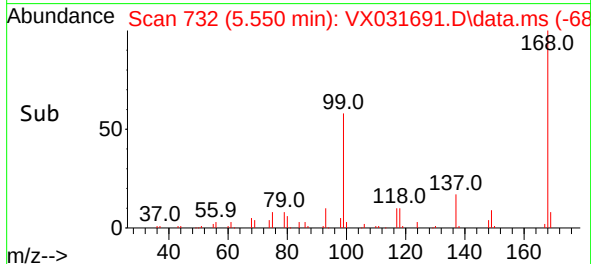
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:168 Resp: 65639
Ion Ratio Lower Upper
168 100
99 57.8 48.8 73.2

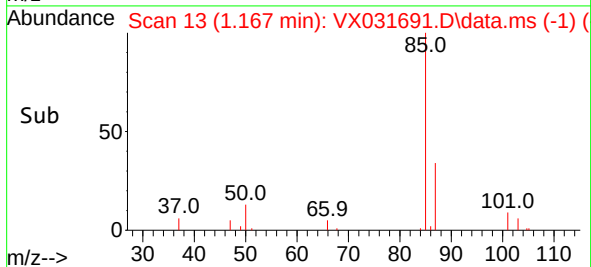
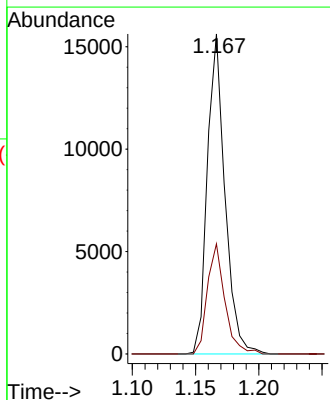
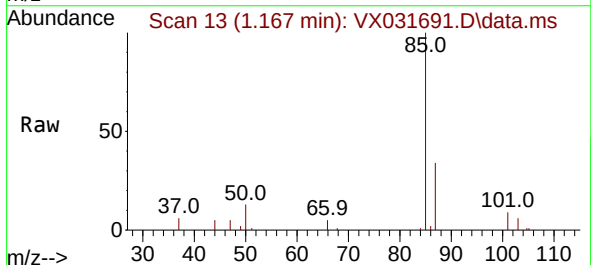
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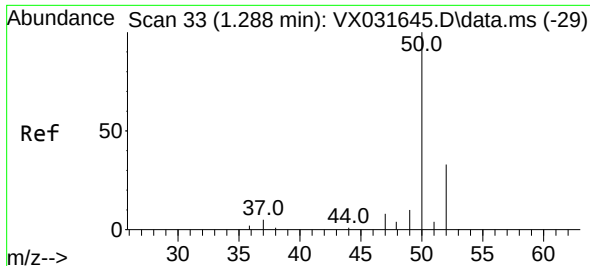
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 18.934 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion: 85 Resp: 15125
Ion Ratio Lower Upper
85 100
87 34.4 15.8 47.4





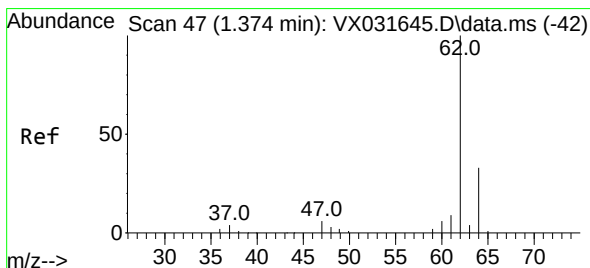
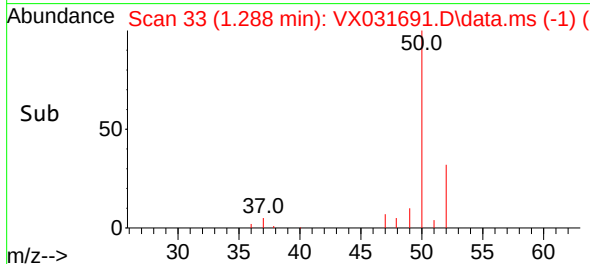
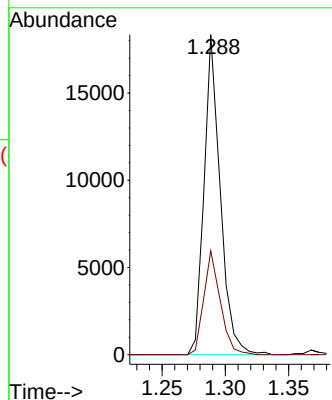
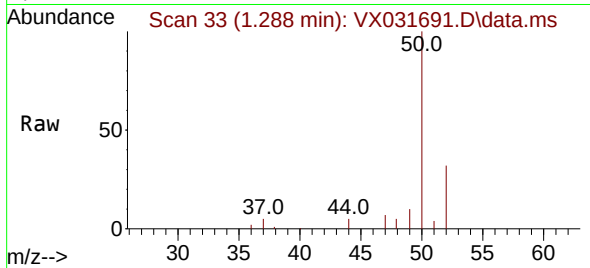
#3
Chloromethane
Concen: 21.497 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
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ClientSampleId :
VX0927WBS01

Tgt Ion: 50 Resp: 1642
Ion Ratio Lower Upper
50 100
52 32.5 26.9 40.3

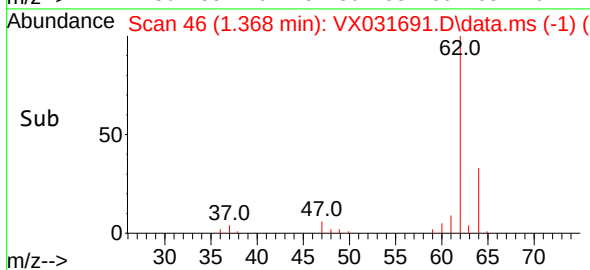
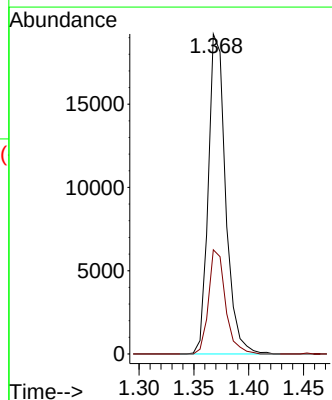
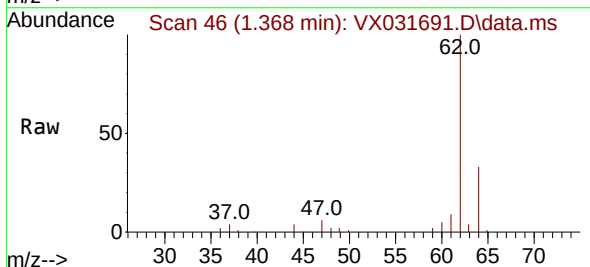
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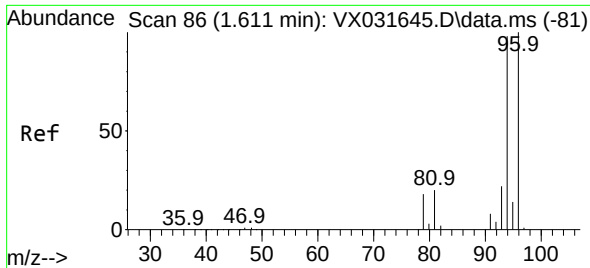
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#4
Vinyl Chloride
Concen: 19.176 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

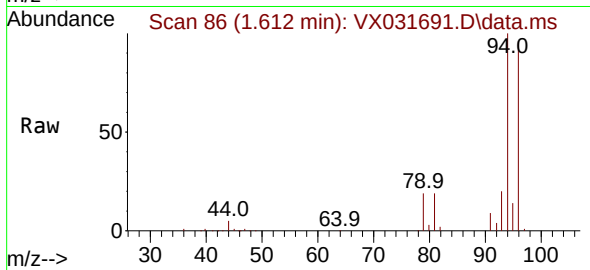
Tgt Ion: 62 Resp: 21081
Ion Ratio Lower Upper
62 100
64 32.5 25.3 37.9





#5
Bromomethane
Concen: 20.668 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.001 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

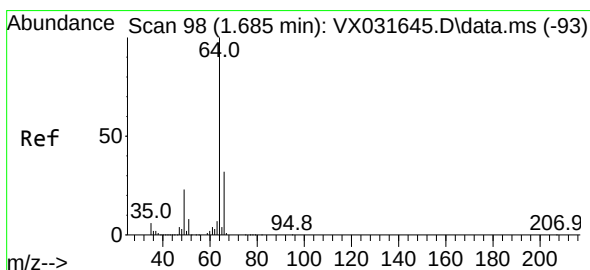
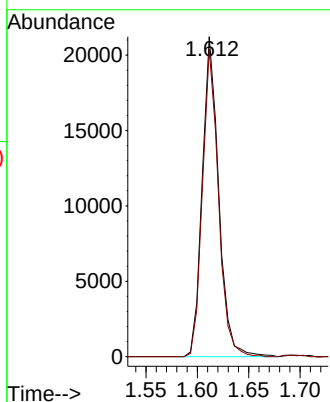
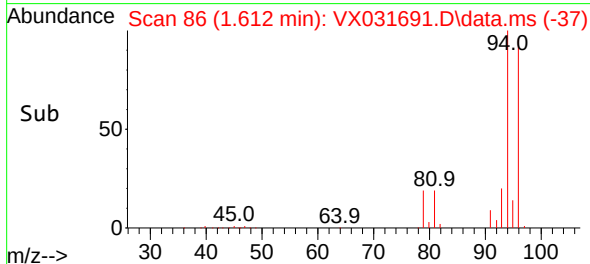
Instrument :
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VX0927WBS01



Tgt Ion: 94 Resp: 23749
Ion Ratio Lower Upper
94 100
96 96.1 74.4 111.6

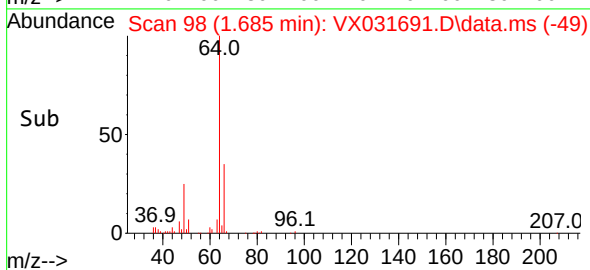
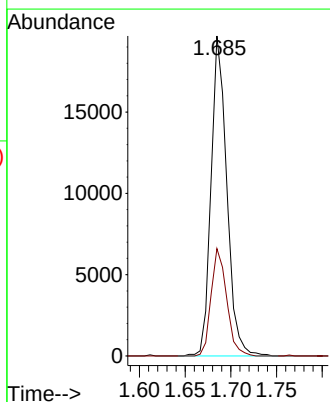
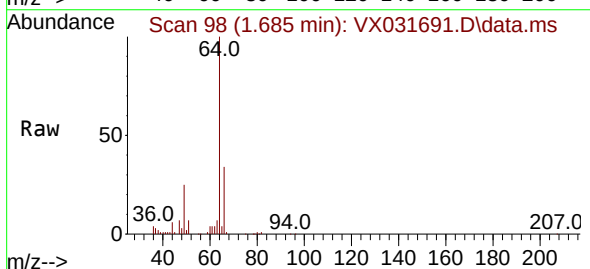
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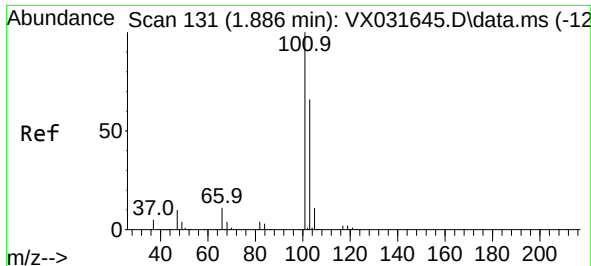
Reviewed By :John Carlone 09/28/2022
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#6
Chloroethane
Concen: 17.239 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

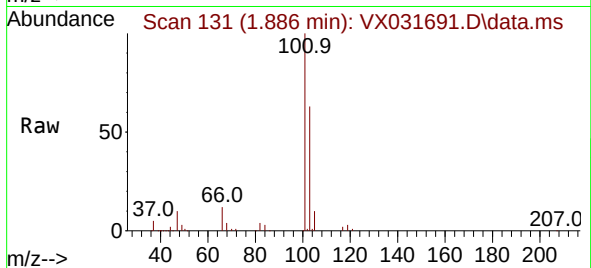
Tgt Ion: 64 Resp: 23547
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 17.079 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031691.D
 Acq: 27 Sep 2022 10:29

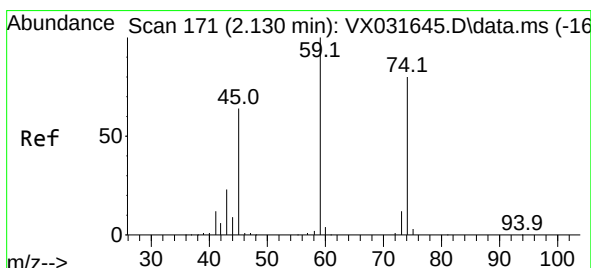
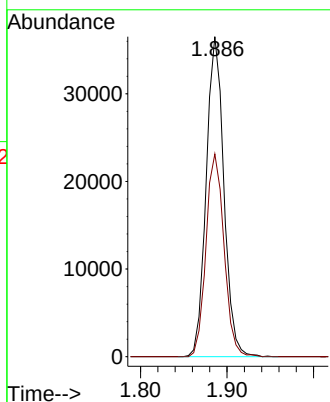
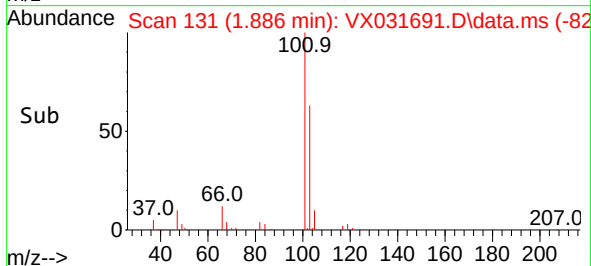
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01



Tgt Ion:101 Resp: 51749
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.8 77.6

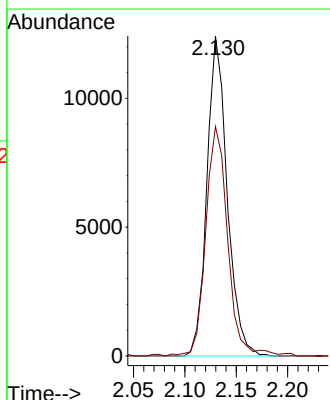
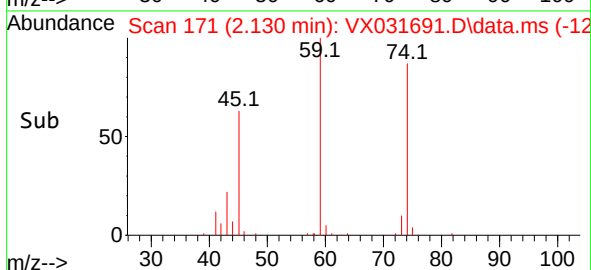
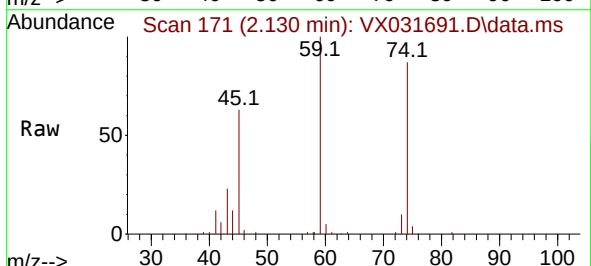
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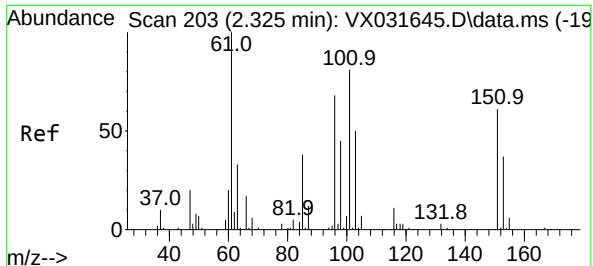
Reviewed By :John Carlone 09/28/2022
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#8
 Diethyl Ether
 Concen: 19.802 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX031691.D
 Acq: 27 Sep 2022 10:29

Tgt Ion: 74 Resp: 17027
 Ion Ratio Lower Upper
 74 100
 45 77.5 48.5 145.6





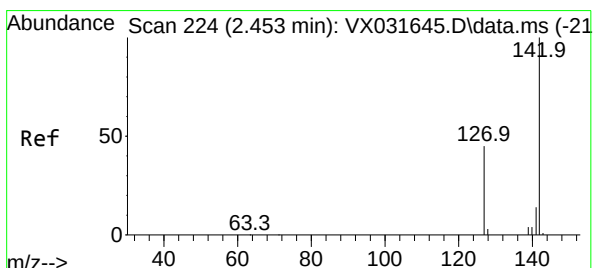
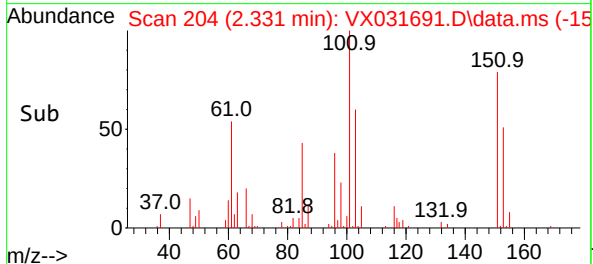
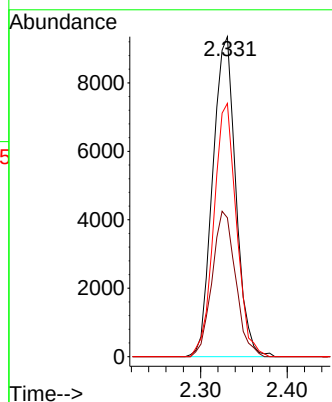
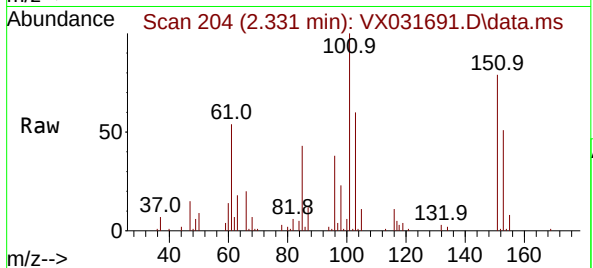
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.809 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:101 Resp: 17284
Ion Ratio Lower Upper
101 100
85 46.2 38.6 57.8
151 77.7 54.0 81.0

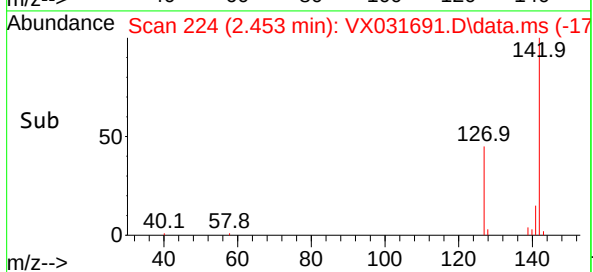
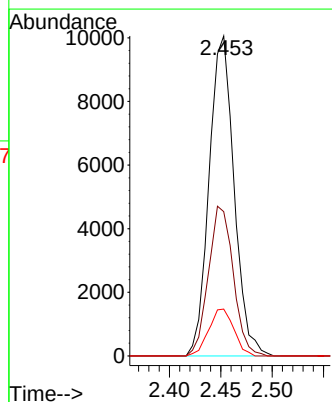
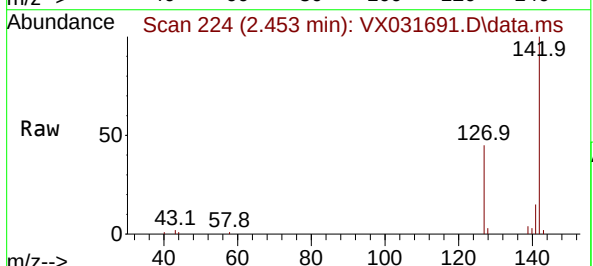
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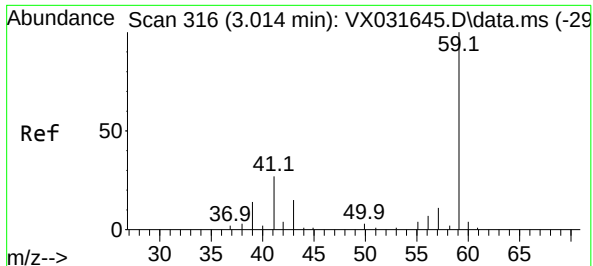
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#10
Methyl Iodide
Concen: 19.833 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion:142 Resp: 16962
Ion Ratio Lower Upper
142 100
127 46.6 37.4 56.0
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 68.865 ug/l

RT: 2.995 min Scan# 316

Delta R.T. 0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 59 Resp: 1608

Ion Ratio Lower Upper

59 100

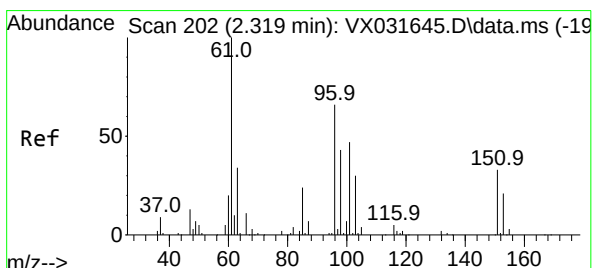
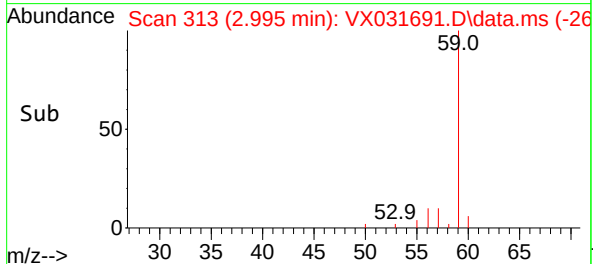
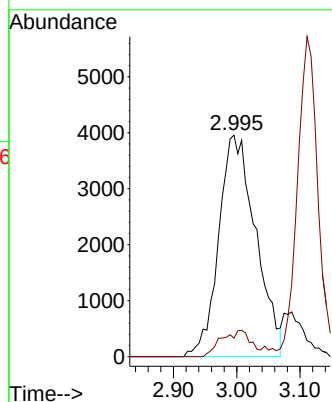
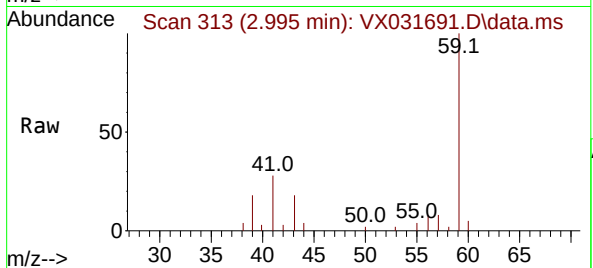
57 9.6 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#12

1,1-Dichloroethene

Concen: 20.276 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

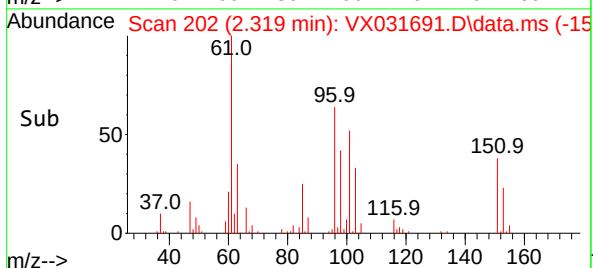
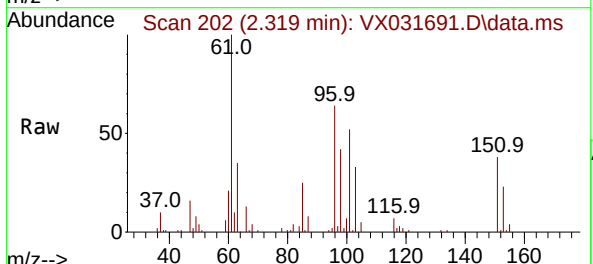
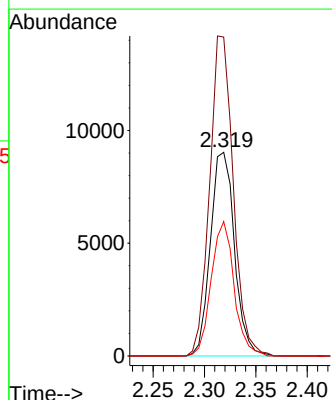
Tgt Ion: 96 Resp: 14697

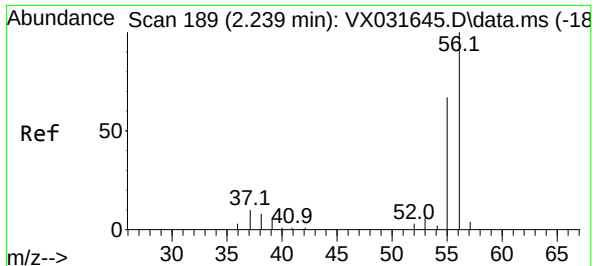
Ion Ratio Lower Upper

96 100

61 156.6 135.3 202.9

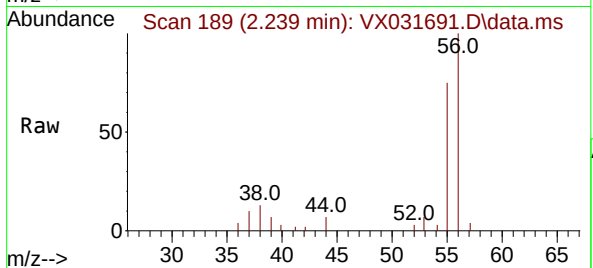
98 66.0 49.4 74.2





#13
Acrolein
Concen: 87.497 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

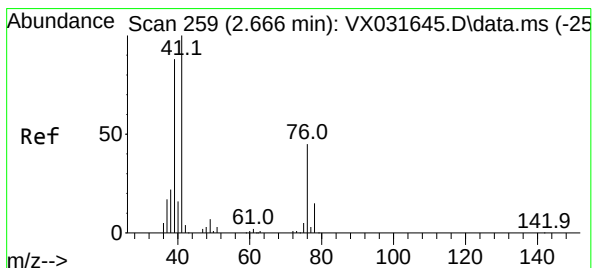
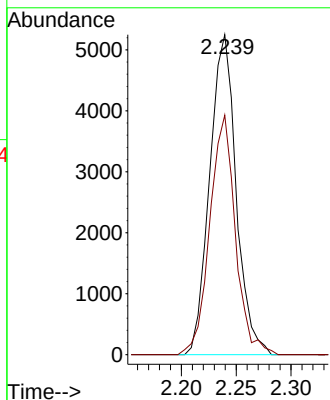
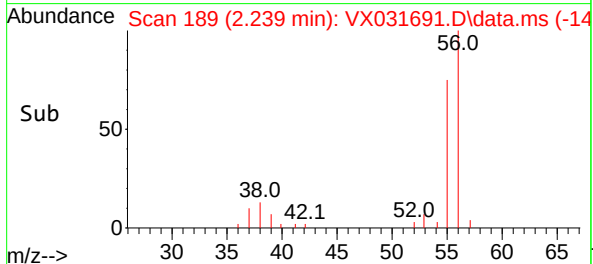
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 56 Resp: 882
Ion Ratio Lower Upper
56 100
55 72.3 56.0 84.0

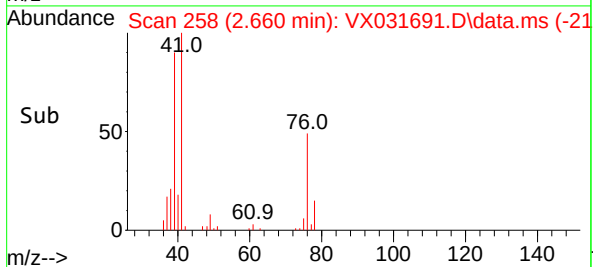
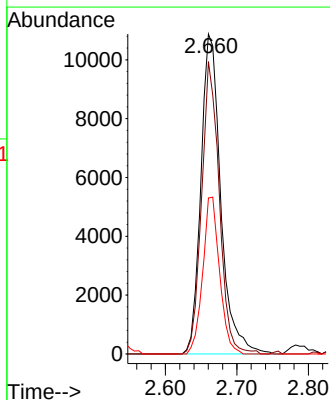
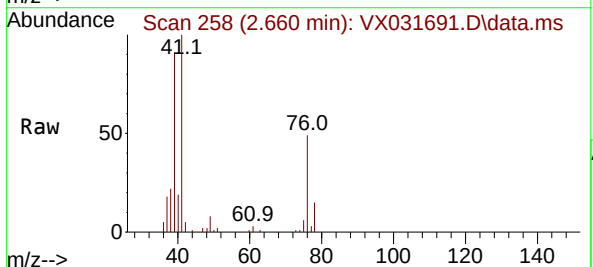
Manual Integrations
APPROVED

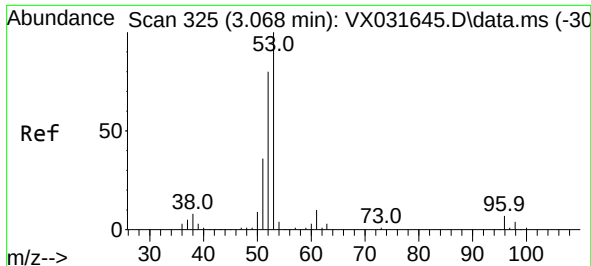
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Allyl chloride
Concen: 18.284 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion: 41 Resp: 20989
Ion Ratio Lower Upper
41 100
39 81.1 58.2 87.4
76 41.7 26.9 40.3#





#15

Acrylonitrile

Concen: 97.512 ug/l

RT: 3.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

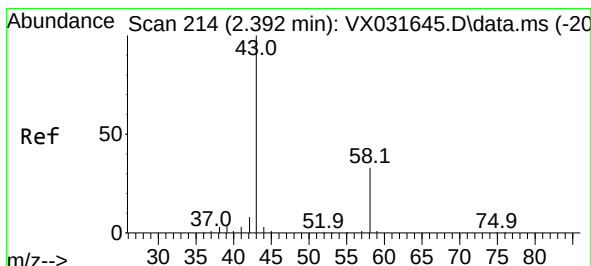
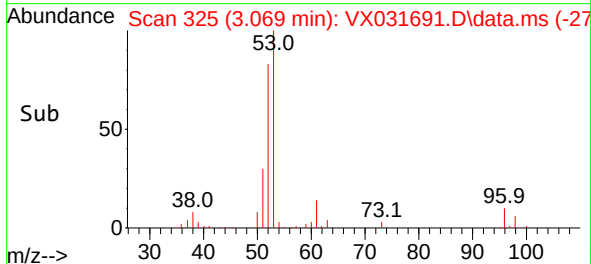
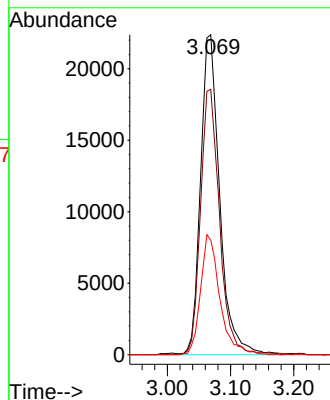
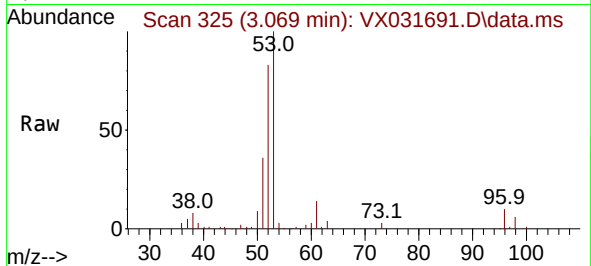
Tgt Ion:	53	Resp:	4714
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.9	100.3
51	37.7	30.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#16

Acetone

Concen: 101.499 ug/l

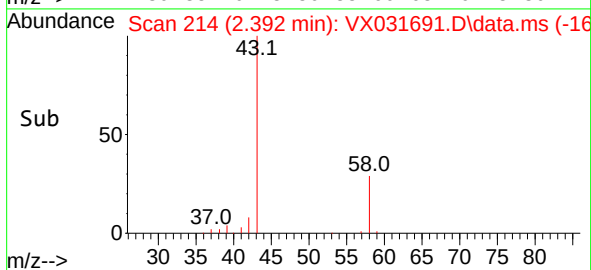
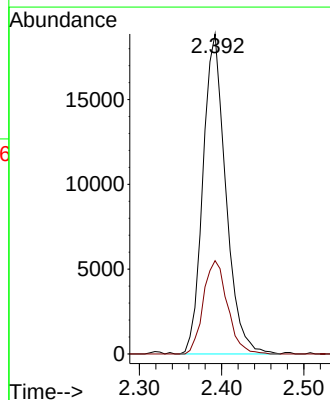
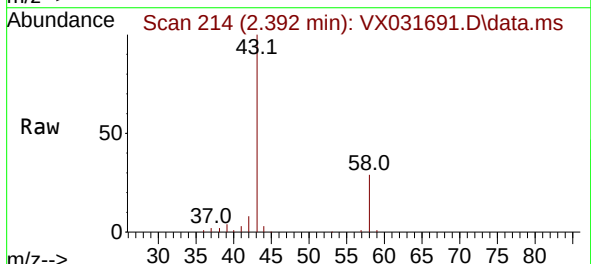
RT: 2.392 min Scan# 214

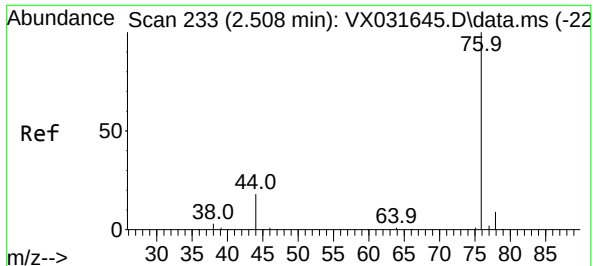
Delta R.T. 0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

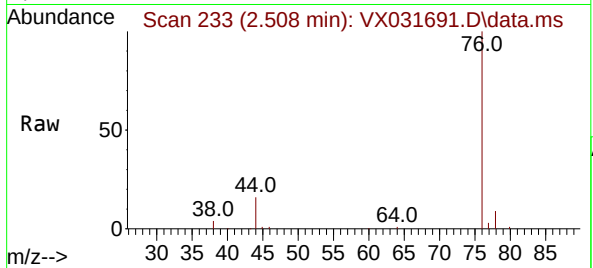
Tgt Ion:	43	Resp:	36383
Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.8	35.8





#17
Carbon Disulfide
Concen: 18.654 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

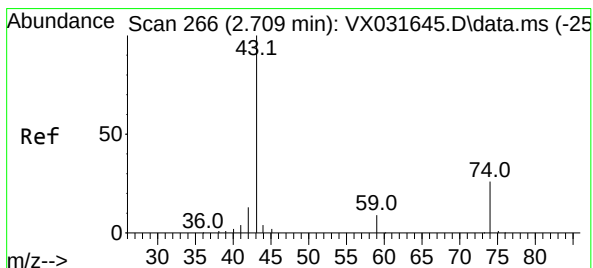
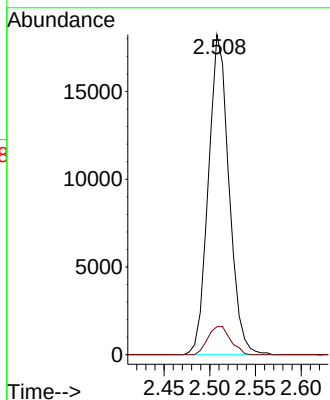
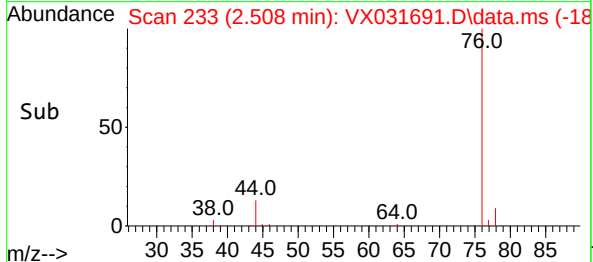
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



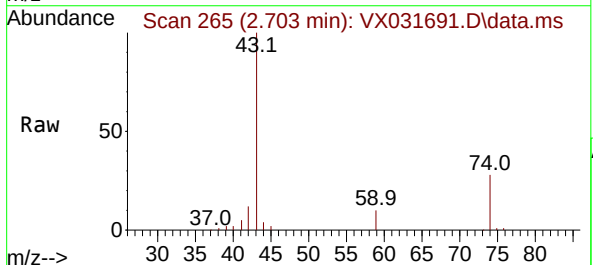
Tgt Ion: 76 Resp: 28680
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

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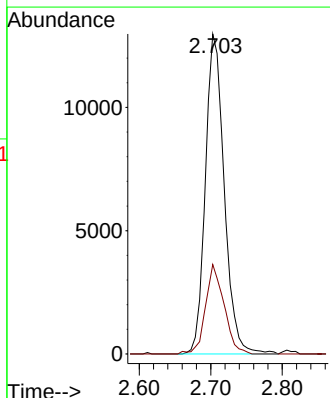
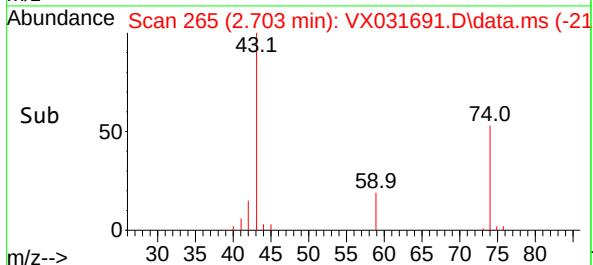
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

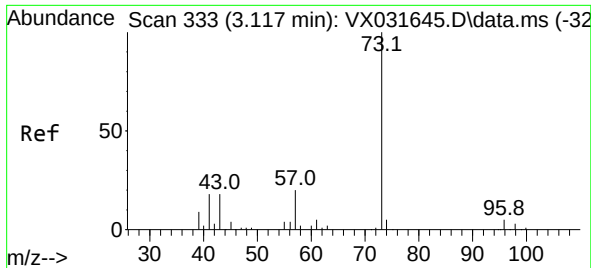


#18
Methyl Acetate
Concen: 19.016 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29



Tgt Ion: 43 Resp: 23806
Ion Ratio Lower Upper
43 100
74 27.5 18.6 27.8





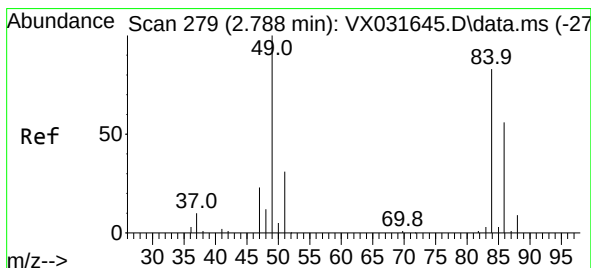
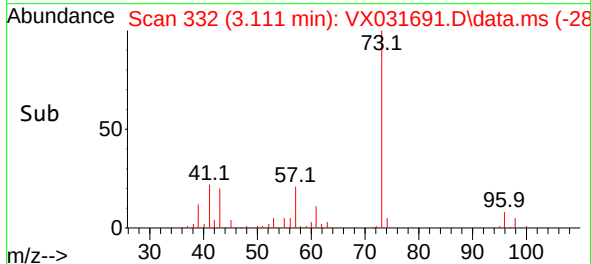
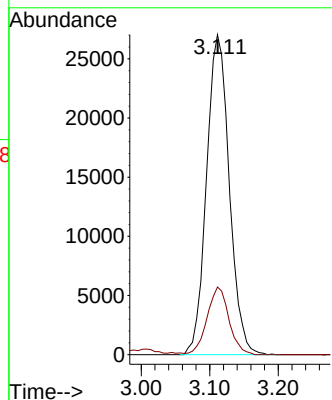
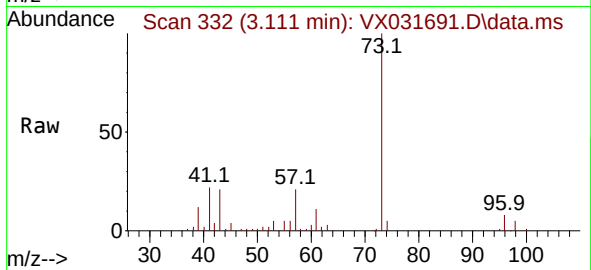
#19
Methyl tert-butyl Ether
Concen: 20.163 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 73 Resp: 62470
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8

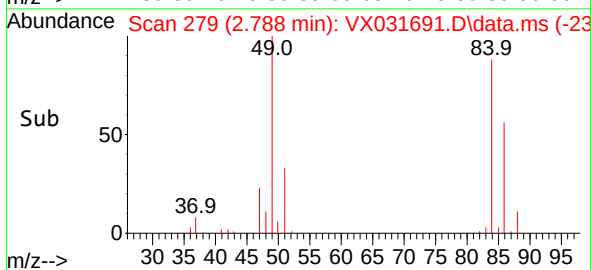
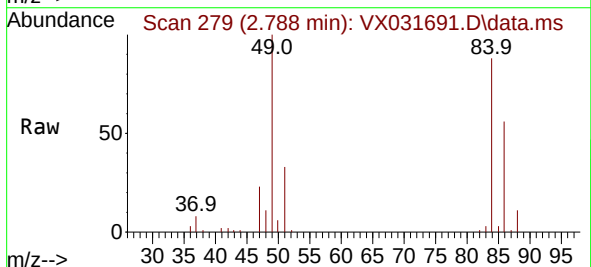
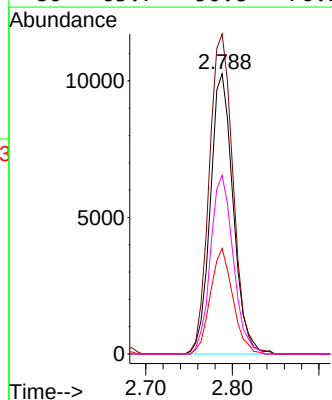
Manual Integrations
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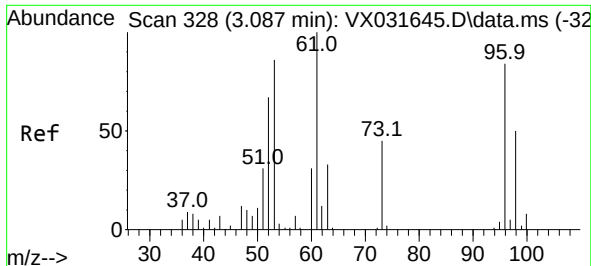
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Methylene Chloride
Concen: 20.338 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

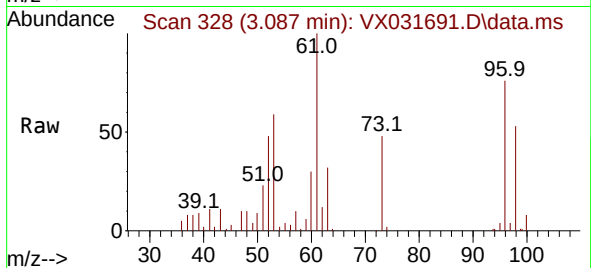
Tgt Ion: 84 Resp: 18802
Ion Ratio Lower Upper
84 100
49 114.2 105.9 158.9
51 37.6 32.2 48.2
86 63.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 19.537 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

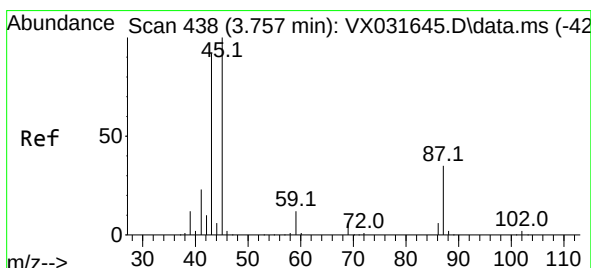
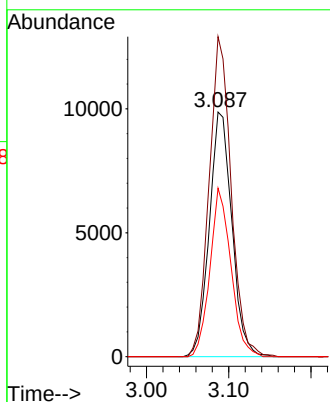
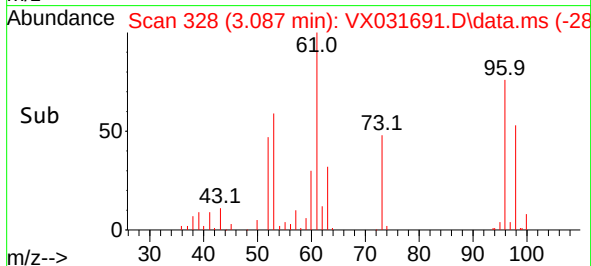
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



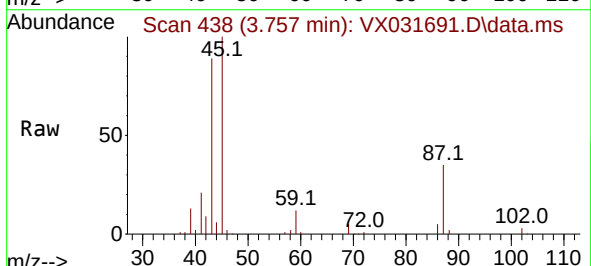
Tgt Ion: 96 Resp: 1884
Ion Ratio Lower Upper
96 100
61 130.8 106.7 160.1
98 68.9 48.7 73.1

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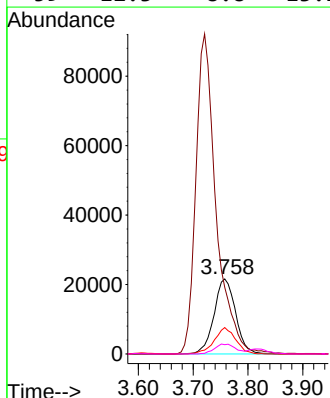
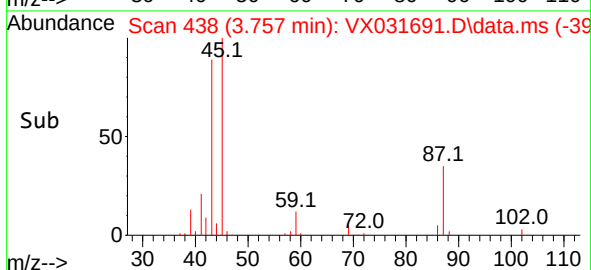
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

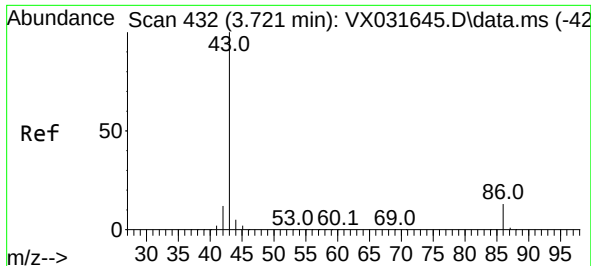


#22
Diisopropyl ether
Concen: 19.992 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29



Tgt Ion: 45 Resp: 59065
Ion Ratio Lower Upper
45 100
43 87.9 59.0 88.6
87 35.2 22.6 33.8#
59 12.3 8.8 13.2





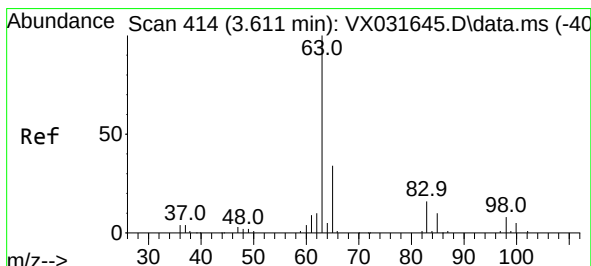
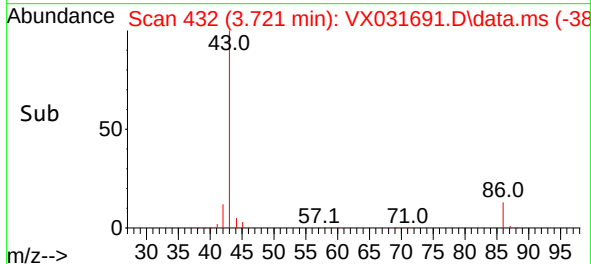
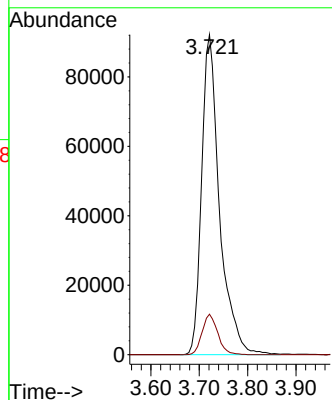
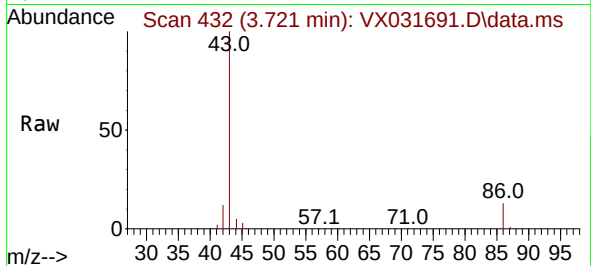
#23
 Vinyl Acetate
 Concen: 101.433 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031691.D
 Acq: 27 Sep 2022 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01

Tgt Ion: 43 Resp: 237000
 Ion Ratio Lower Upper
 43 100
 86 12.7 8.7 13.1

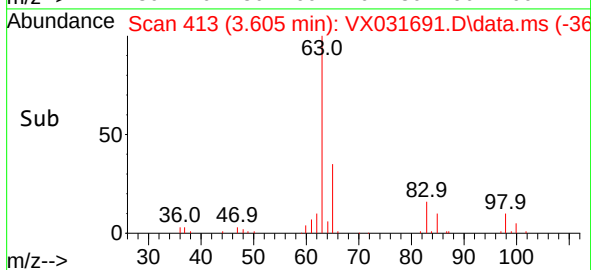
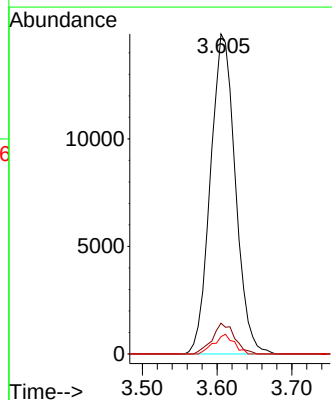
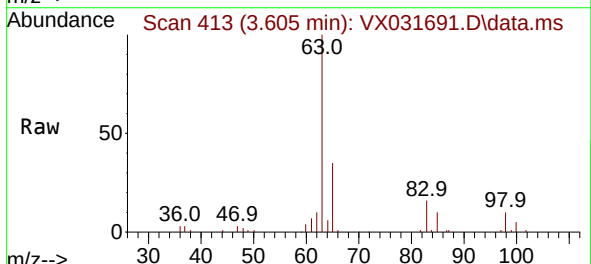
Manual Integrations
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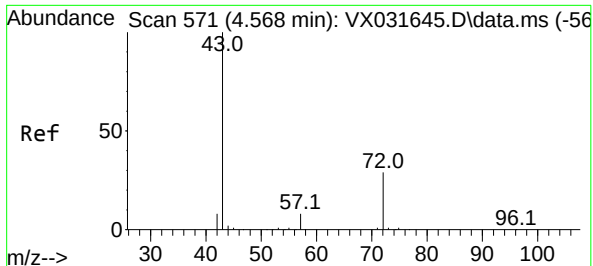
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#24
 1,1-Dichloroethane
 Concen: 20.244 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031691.D
 Acq: 27 Sep 2022 10:29

Tgt Ion: 63 Resp: 34482
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.5 10.4
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 98.228 ug/l

RT: 4.562 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 43 Resp: 65319

Ion Ratio Lower Upper

43 100

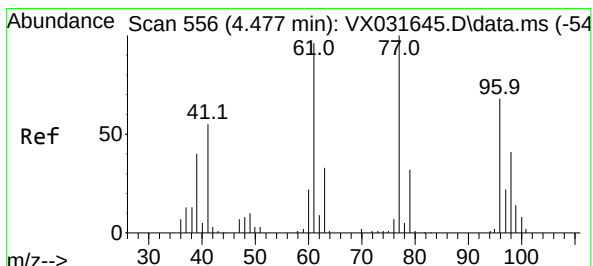
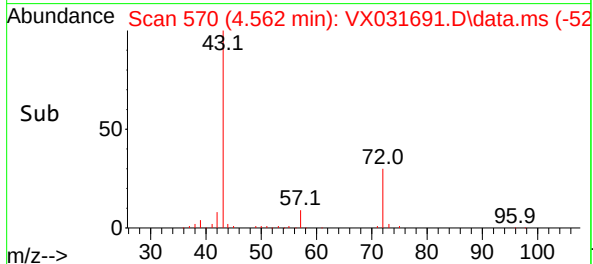
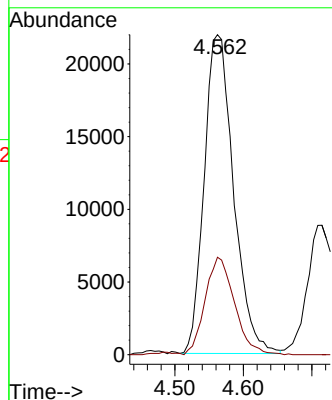
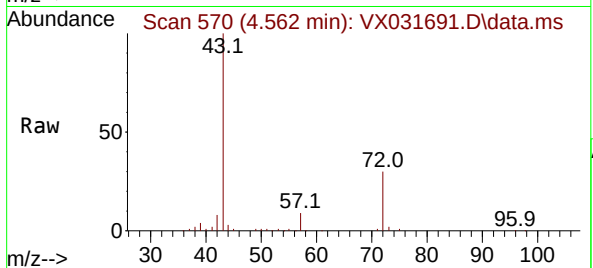
72 30.2 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#26

2,2-Dichloropropane

Concen: 20.472 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031691.D

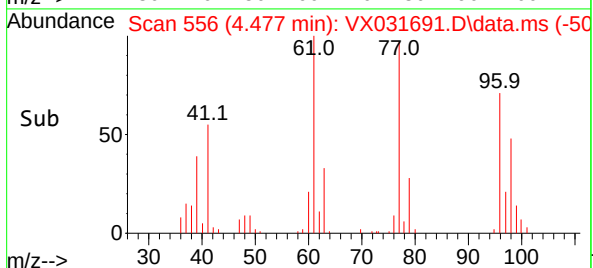
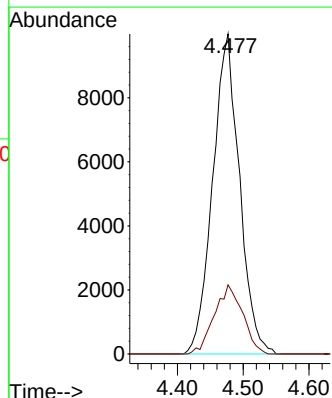
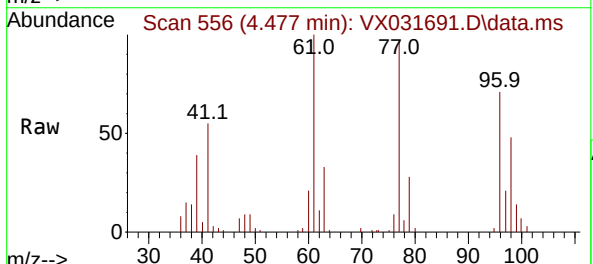
Acq: 27 Sep 2022 10:29

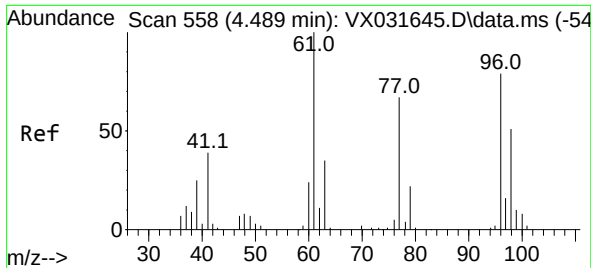
Tgt Ion: 77 Resp: 28302

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 20.811 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 96 Resp: 2458

Ion Ratio Lower Upper

96 100

61 131.1 0.0 305.2

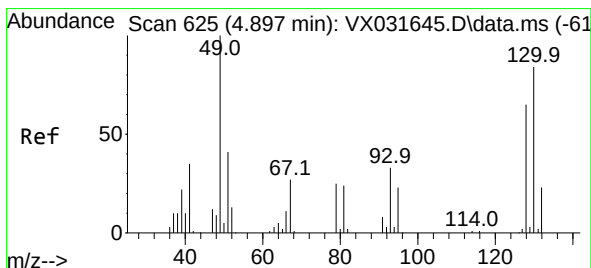
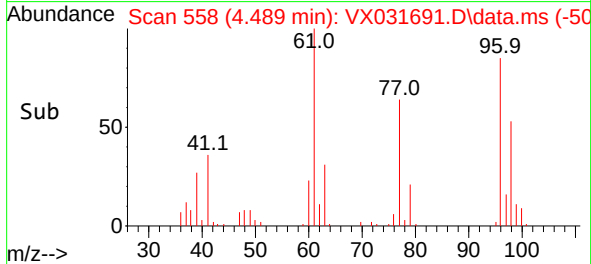
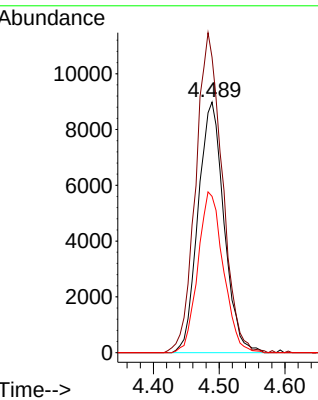
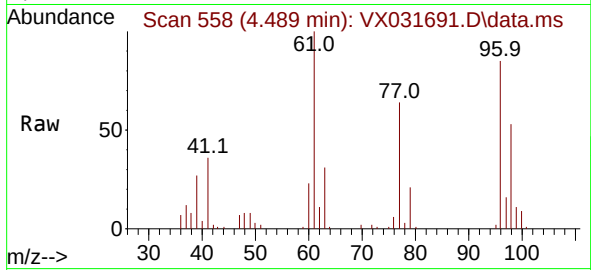
98 63.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#28

Bromochloromethane

Concen: 20.135 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

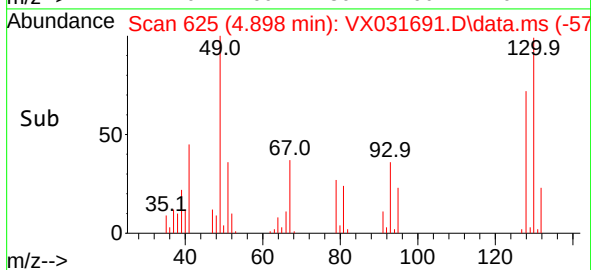
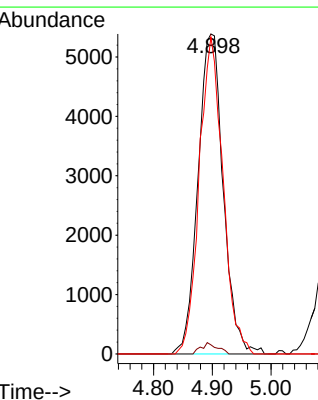
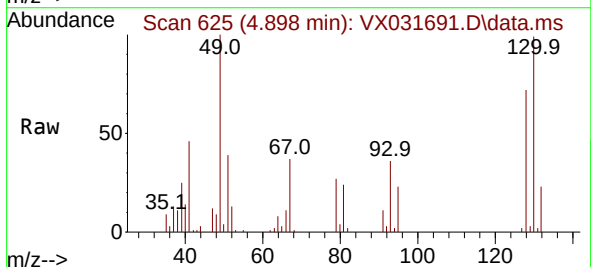
Tgt Ion: 49 Resp: 16044

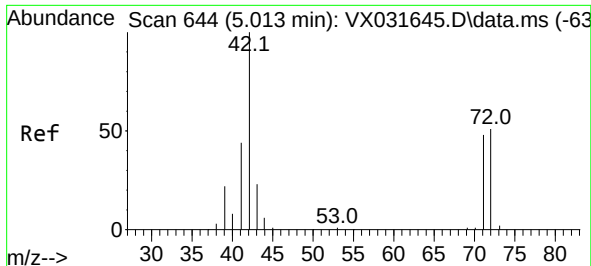
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.6

130 92.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 99.311 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

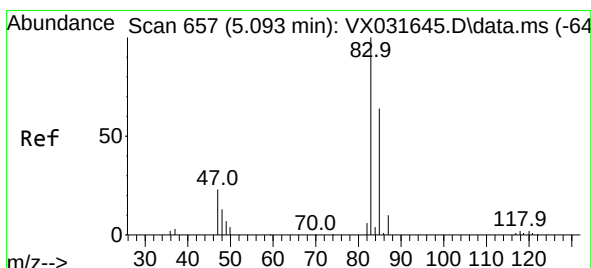
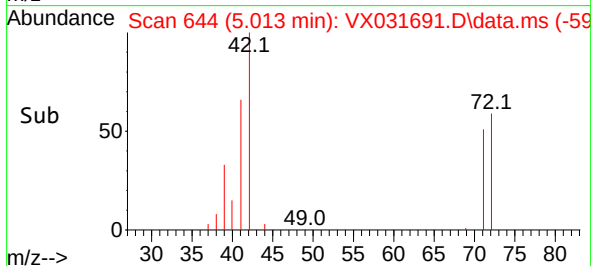
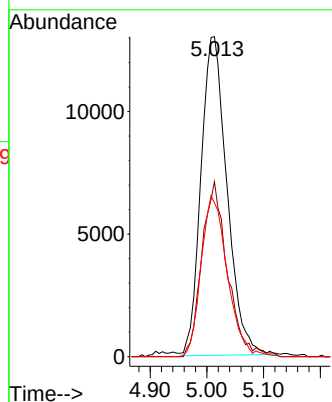
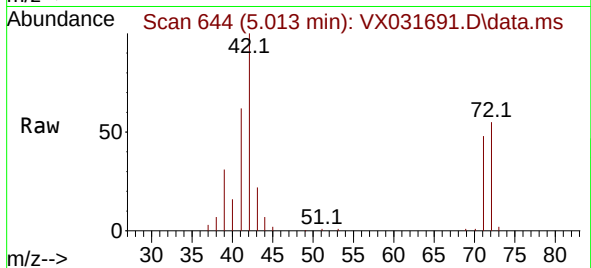
Tgt Ion:	42	Resp:	4148
Ion	Ratio	Lower	Upper
42	100		
72	53.9	36.4	54.6
71	50.8	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#30

Chloroform

Concen: 19.906 ug/l

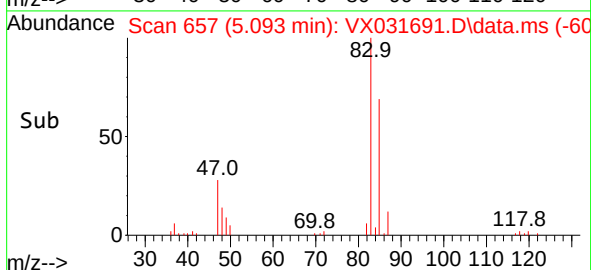
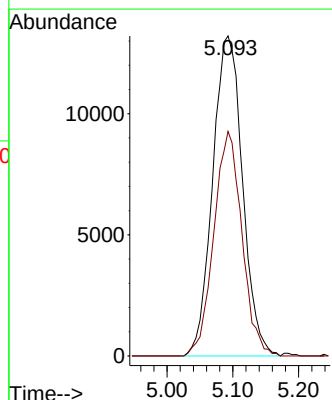
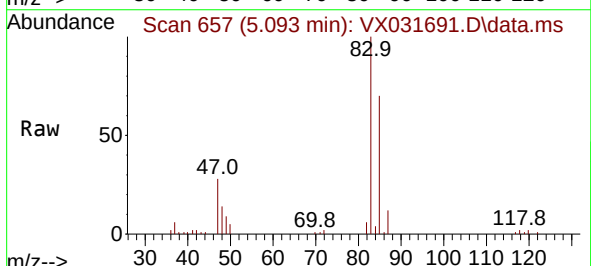
RT: 5.093 min Scan# 657

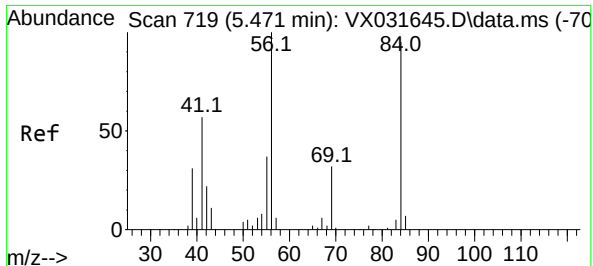
Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

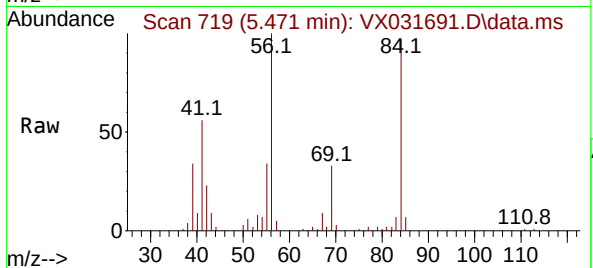
Tgt Ion:	83	Resp:	41711
Ion	Ratio	Lower	Upper
83	100		
85	70.2	52.8	79.2





#31
Cyclohexane
Concen: 20.579 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

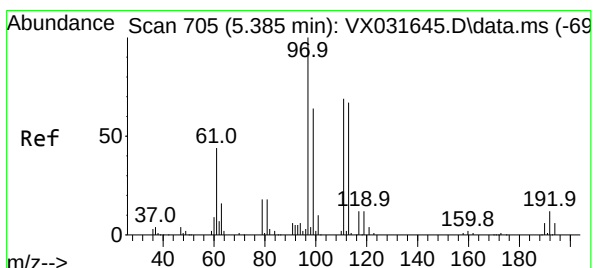
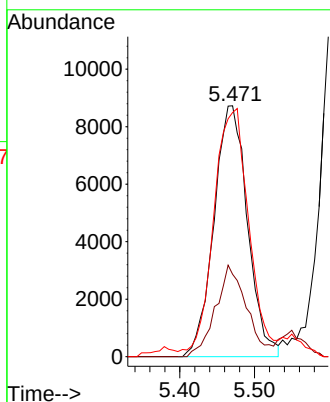
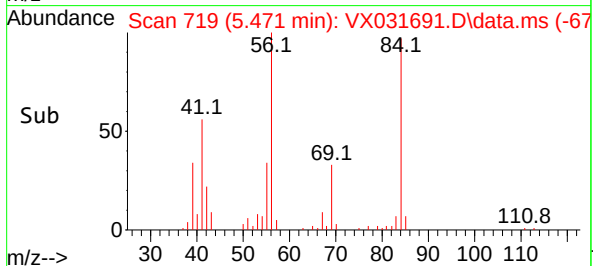
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



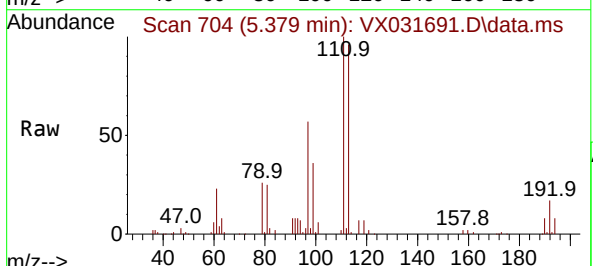
Tgt Ion: 56 Resp: 27259
Ion Ratio Lower Upper
56 100
69 32.8 25.1 37.7
84 95.3 70.2 105.4

Manual Integrations
APPROVED

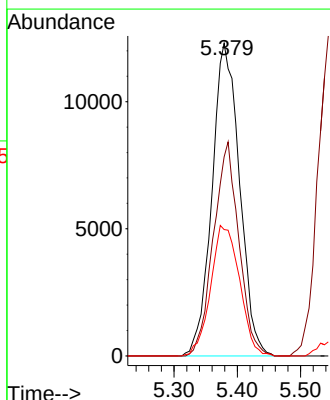
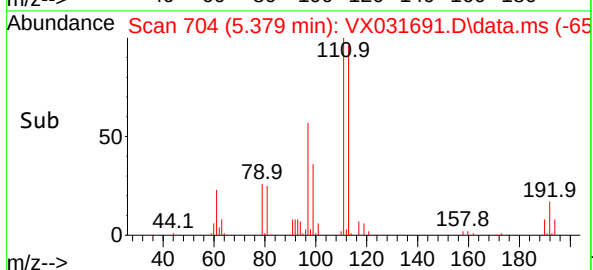
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

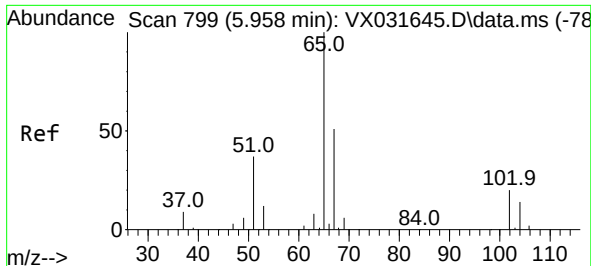


#32
1,1,1-Trichloroethane
Concen: 21.442 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29



Tgt Ion: 97 Resp: 37212
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 43.7 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 52.183 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 65 Resp: 7269

Ion Ratio Lower Upper

65 100

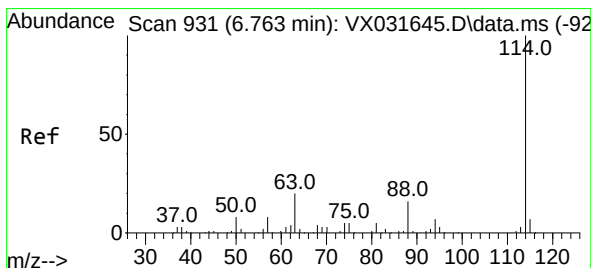
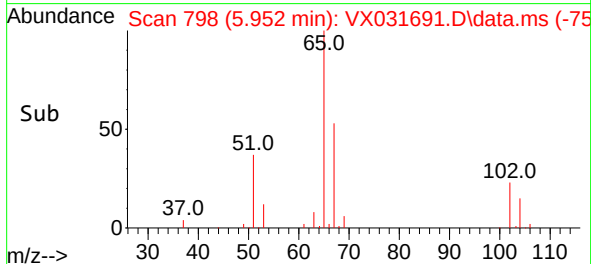
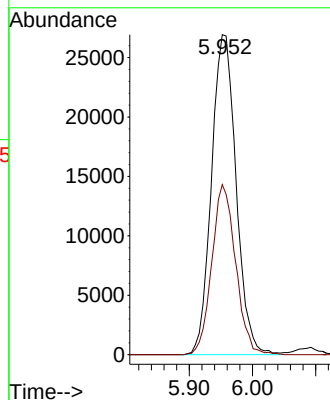
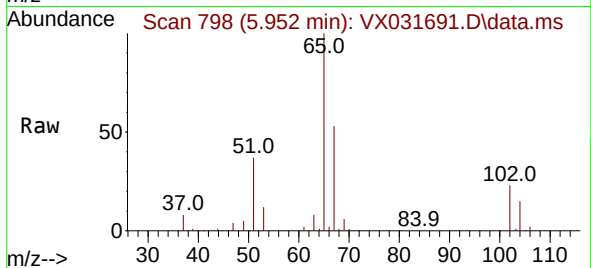
67 51.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

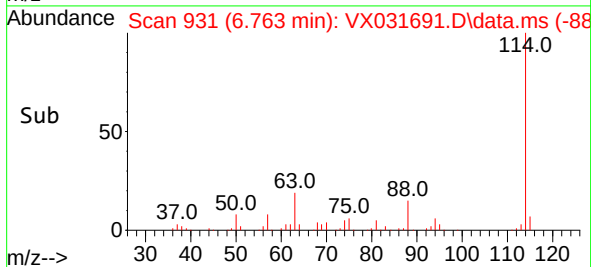
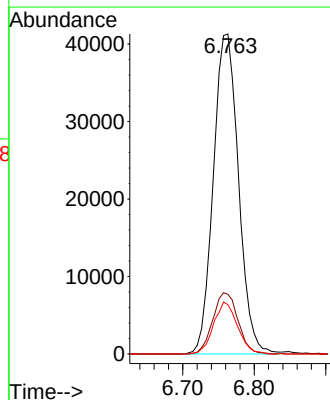
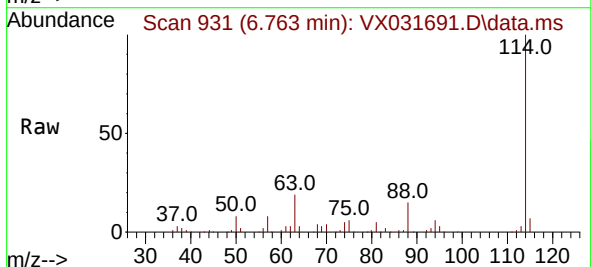
Tgt Ion:114 Resp: 101078

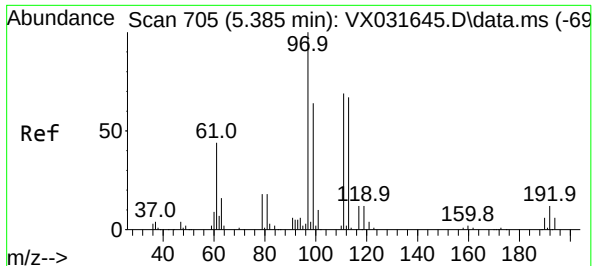
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

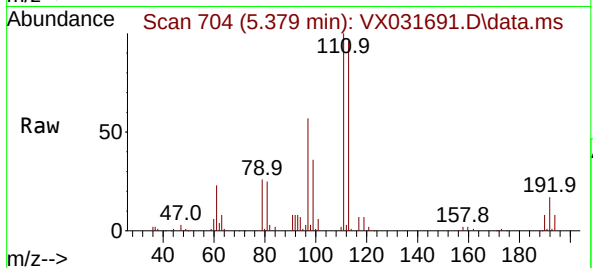
88 15.4 0.0 33.0





#35
Dibromofluoromethane
Concen: 50.444 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

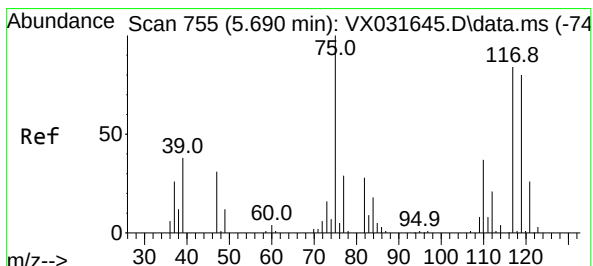
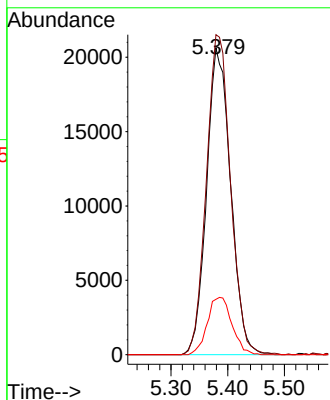
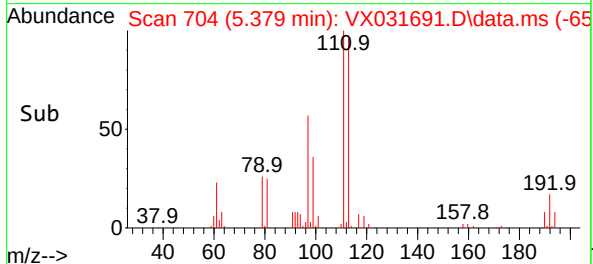
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



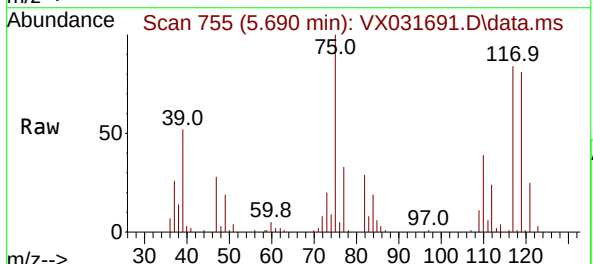
Tgt Ion:113 Resp: 6075
Ion Ratio Lower Upper
113 100
111 104.8 82.4 123.6
192 19.1 14.1 21.1

Manual Integrations
APPROVED

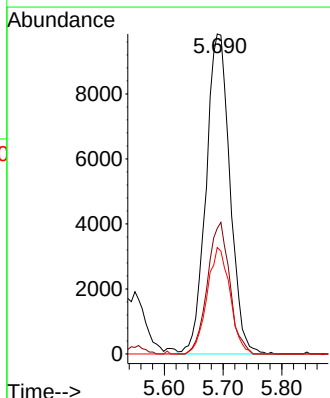
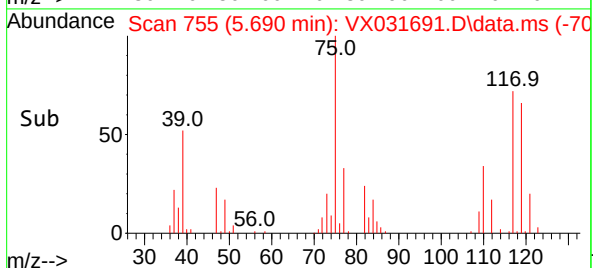
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

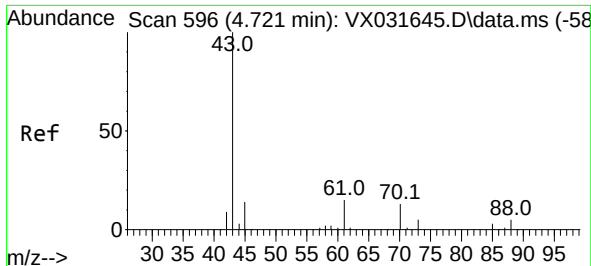


#36
1,1-Dichloropropene
Concen: 20.091 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29



Tgt Ion: 75 Resp: 27788
Ion Ratio Lower Upper
75 100
110 38.3 17.5 52.5
77 31.8 24.9 37.3





#37

Ethyl Acetate

Concen: 19.280 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

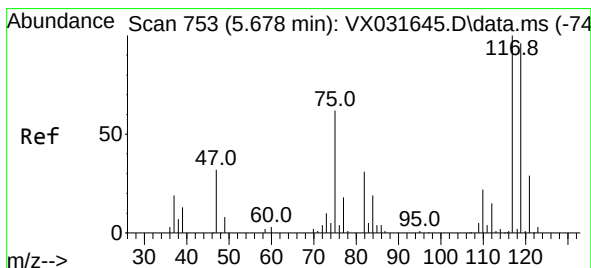
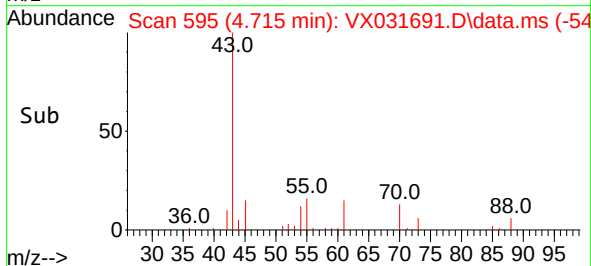
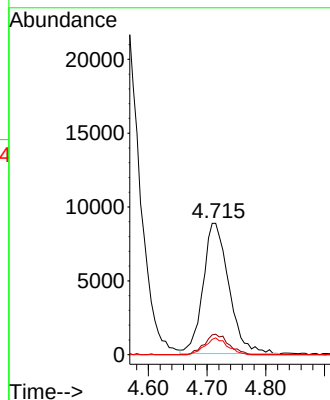
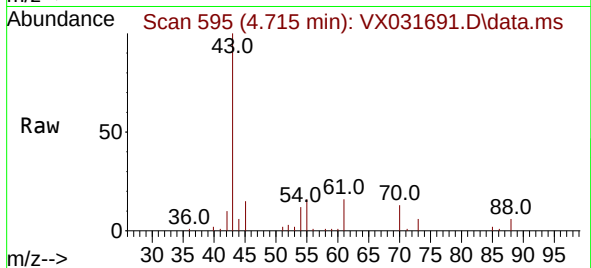
Tgt Ion:	43	Resp:	2689
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.1	16.7
70	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#38

Carbon Tetrachloride

Concen: 20.011 ug/l

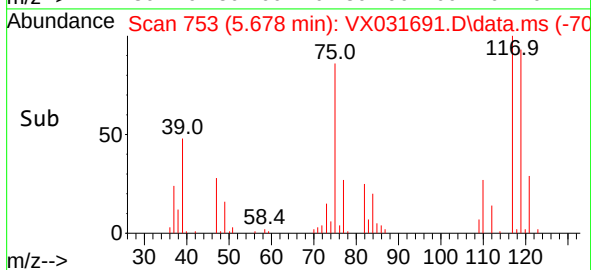
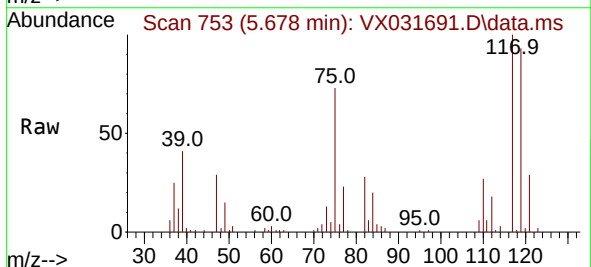
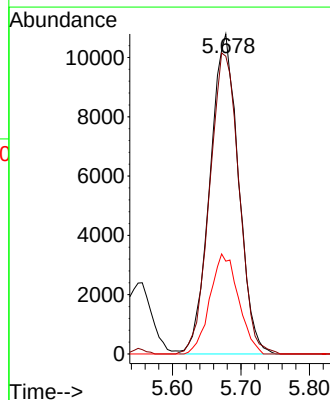
RT: 5.678 min Scan# 753

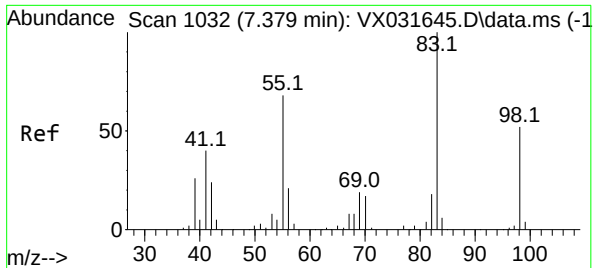
Delta R.T. -0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Tgt Ion:	117	Resp:	31193
Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.6	112.0
121	29.0	25.3	37.9





#39

Methylcyclohexane

Concen: 21.064 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

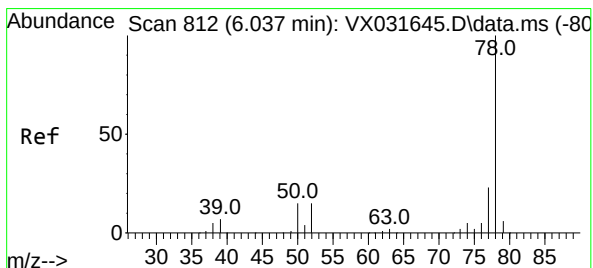
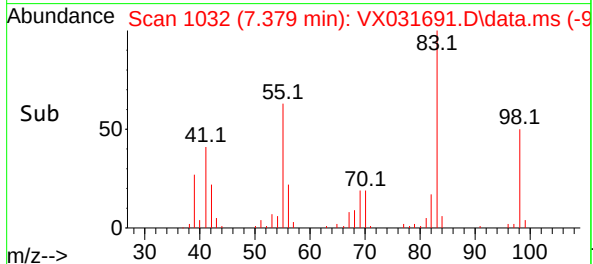
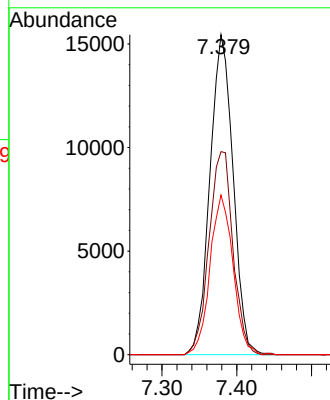
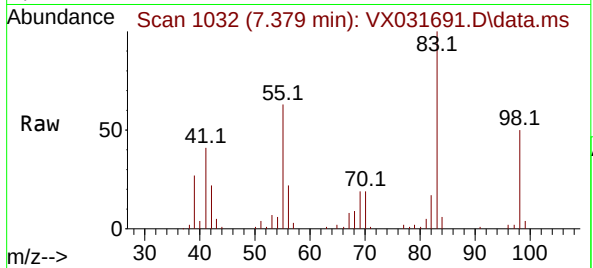
Tgt Ion: 83	Resp: 3319
Ion Ratio	Lower Upper
83 100	
55 63.4	61.0 91.4
98 49.8	37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#40

Benzene

Concen: 19.837 ug/l

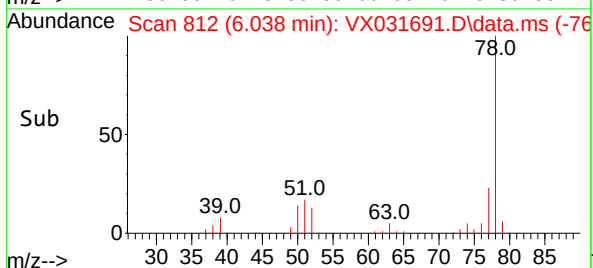
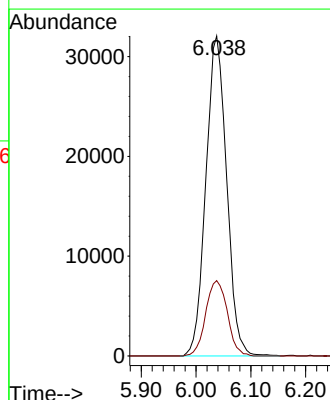
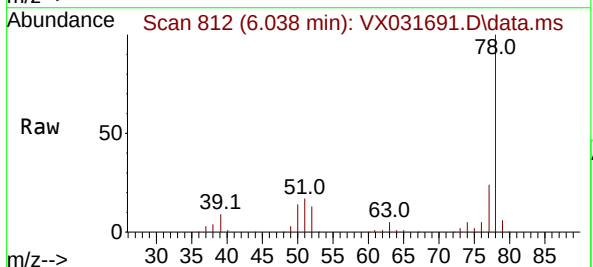
RT: 6.038 min Scan# 812

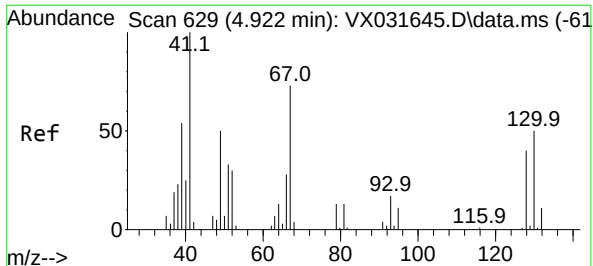
Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

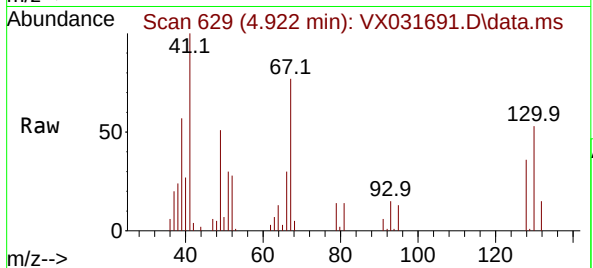
Tgt Ion: 78	Resp: 84268
Ion Ratio	Lower Upper
78 100	
77 23.5	18.7 28.1





#41
Methacrylonitrile
Concen: 19.837 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

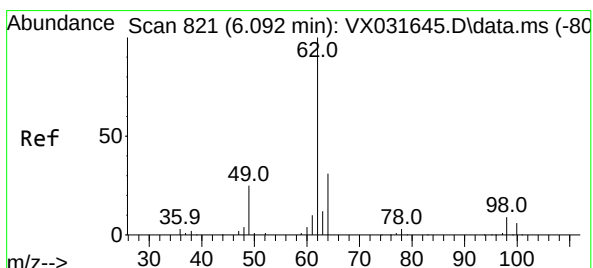
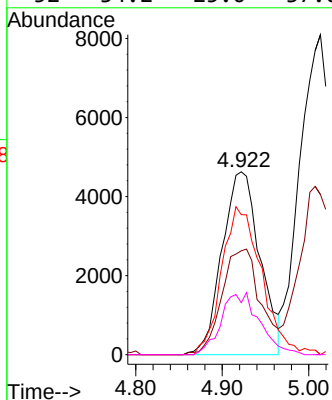
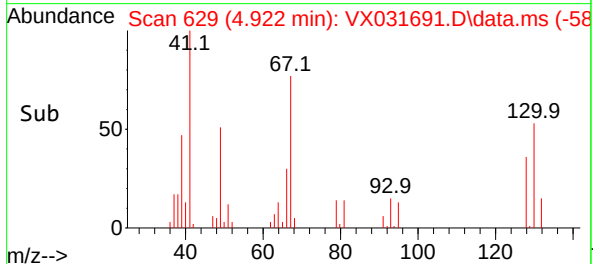
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:	41	Resp:	1408
Ion	Ratio	Lower	Upper
41	100		
39	58.7	45.0	67.6
67	85.2	58.2	87.4
52	34.2	25.0	37.6

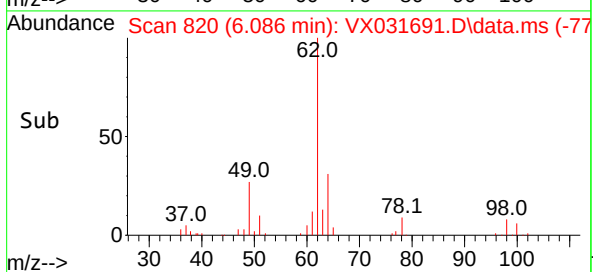
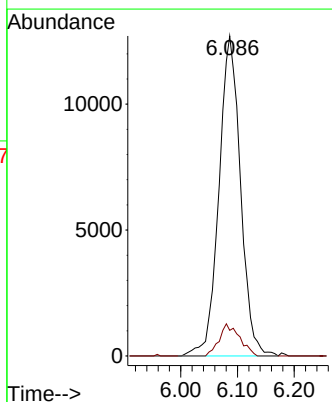
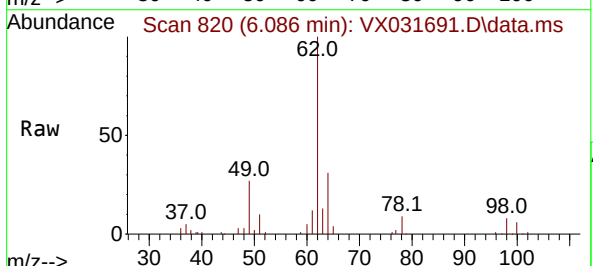
Manual Integrations
APPROVED

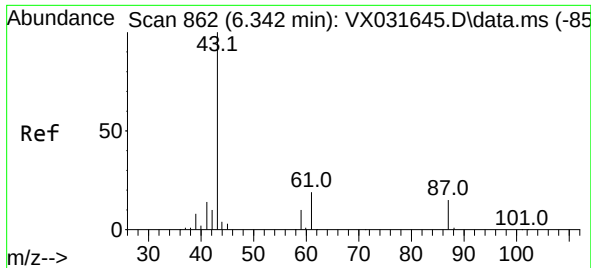
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#42
1,2-Dichloroethane
Concen: 20.427 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion:	62	Resp:	33559
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.749 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

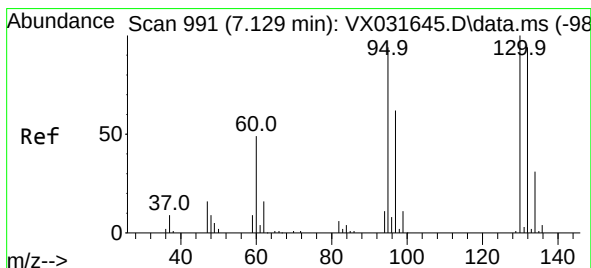
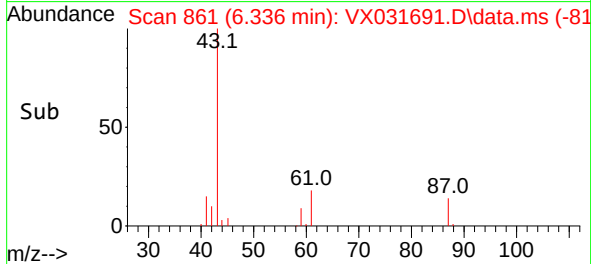
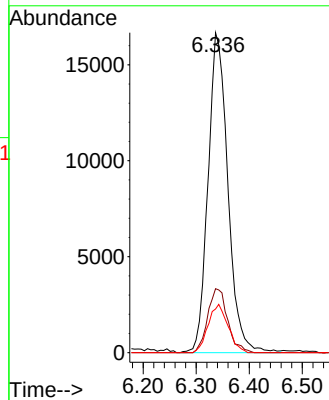
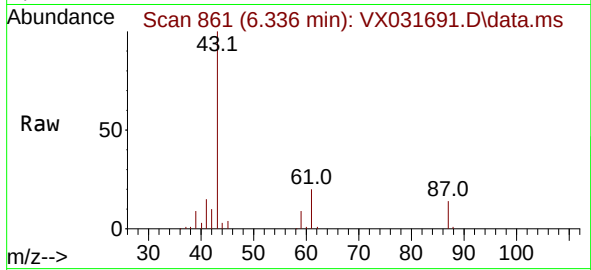
Tgt Ion:	43	Resp:	4336
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.3	22.9
87	15.2	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#44

Trichloroethene

Concen: 20.677 ug/l

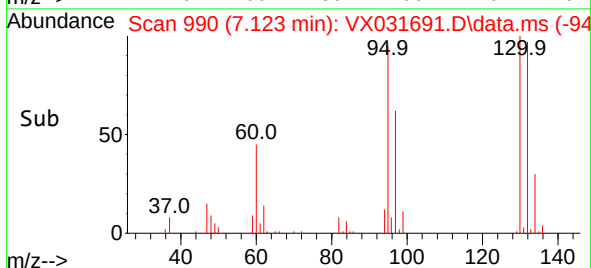
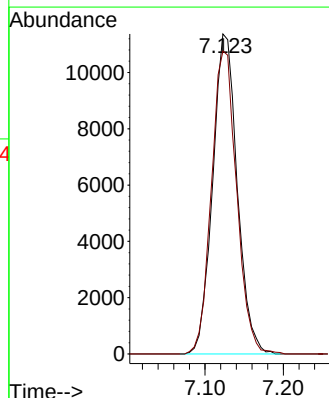
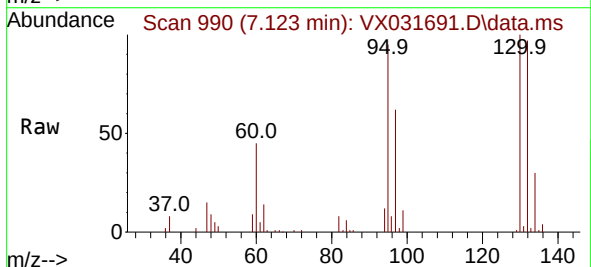
RT: 7.123 min Scan# 990

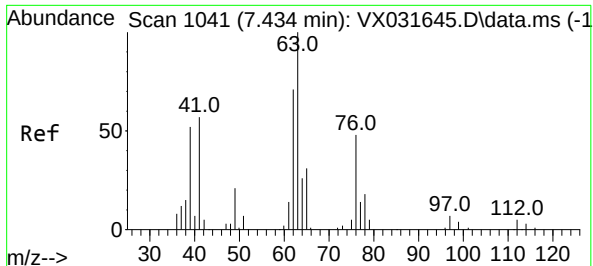
Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Tgt Ion:	130	Resp:	24809
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	206.8





#45

1,2-Dichloropropane

Concen: 19.657 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 63 Resp: 2026

Ion Ratio Lower Upper

63 100

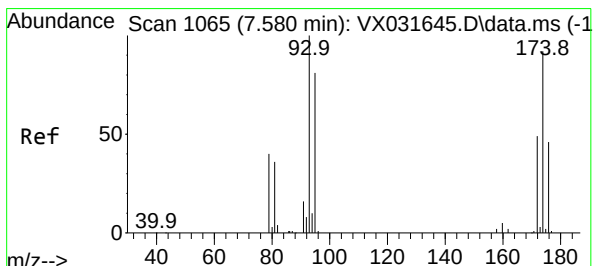
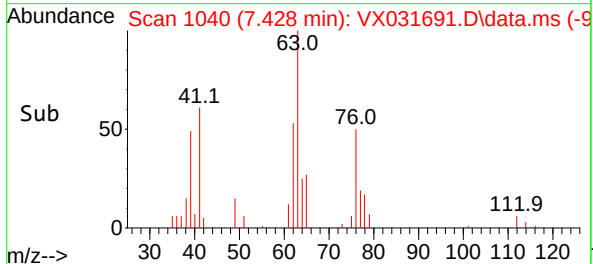
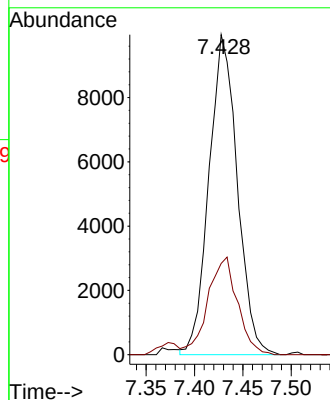
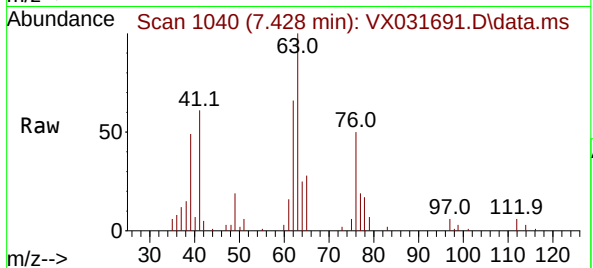
65 28.5 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#46

Dibromomethane

Concen: 20.792 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

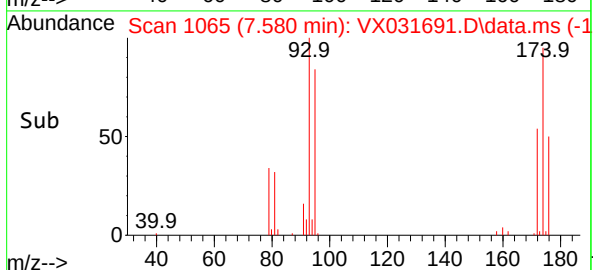
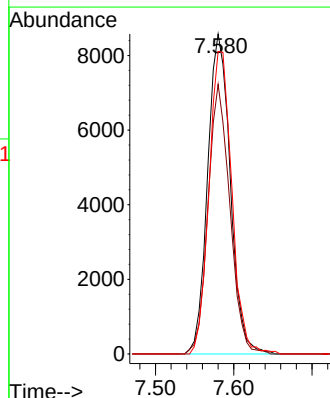
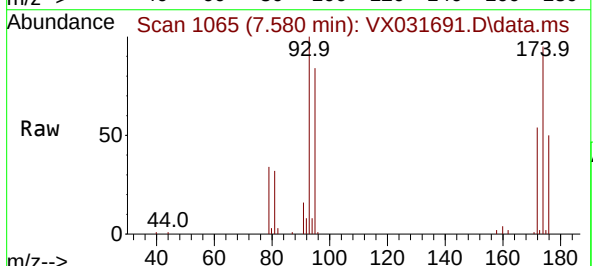
Tgt Ion: 93 Resp: 17215

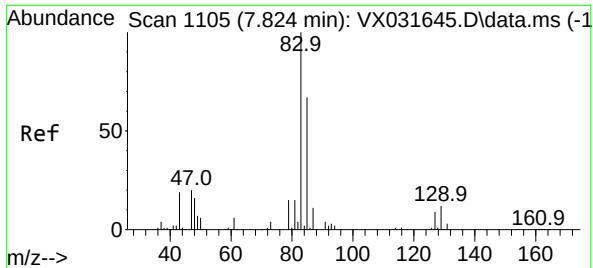
Ion Ratio Lower Upper

93 100

95 81.1 65.5 98.3

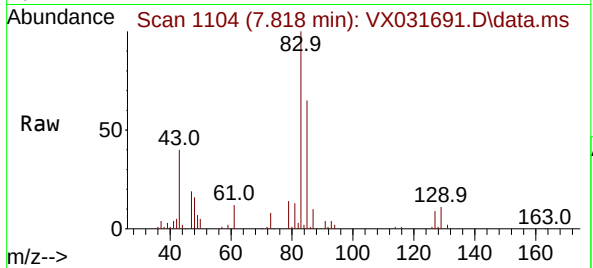
174 95.1 67.6 101.4





#47
Bromodichloromethane
Concen: 21.113 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

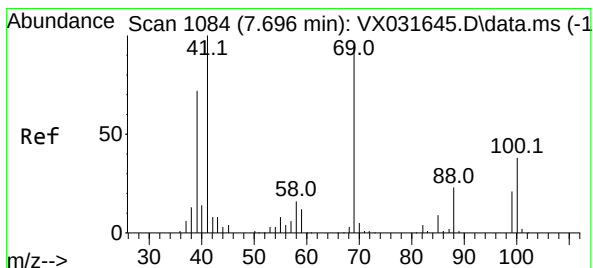
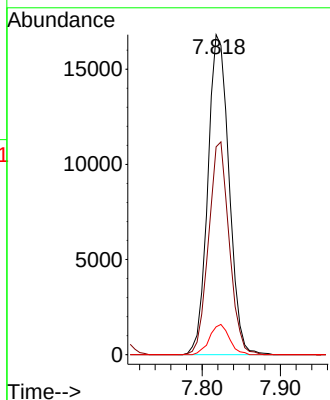
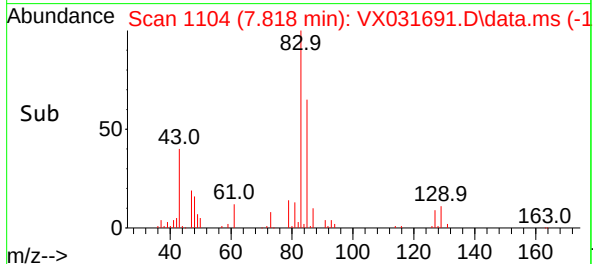
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



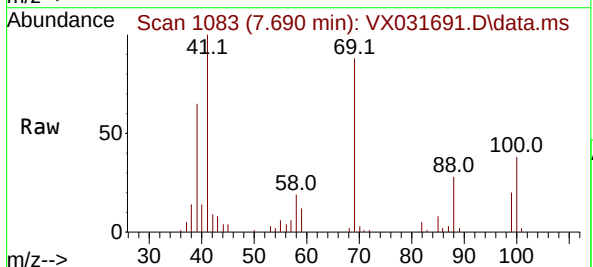
Tgt Ion: 83 Resp: 31544
Ion Ratio Lower Upper
83 100
85 65.0 51.0 76.6
127 8.7 7.0 10.6

Manual Integrations
APPROVED

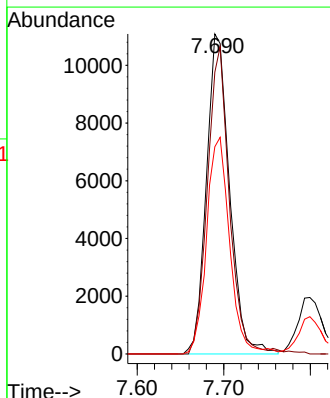
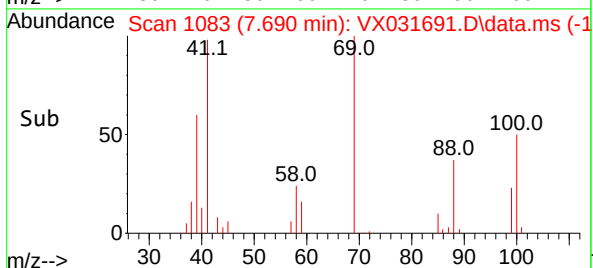
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

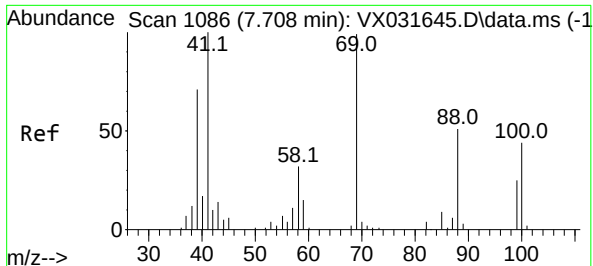


#48
Methyl methacrylate
Concen: 21.347 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29



Tgt Ion: 41 Resp: 20614
Ion Ratio Lower Upper
41 100
69 90.3 64.6 96.8
39 67.6 51.4 77.0





#49

1,4-Dioxane

Concen: 413.175 ug/l

RT: 7.690 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

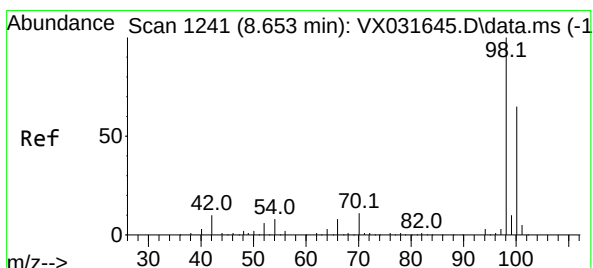
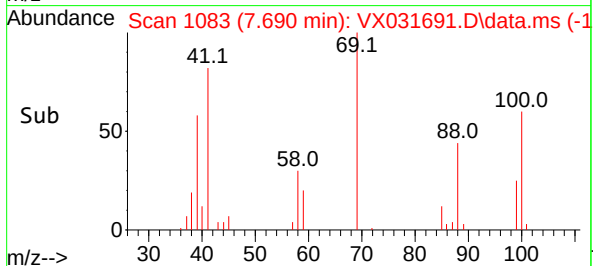
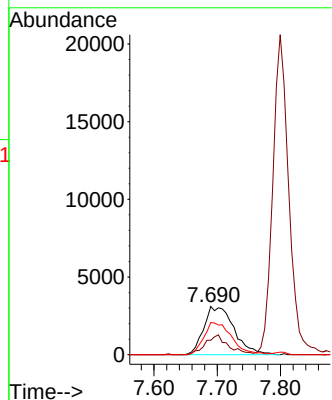
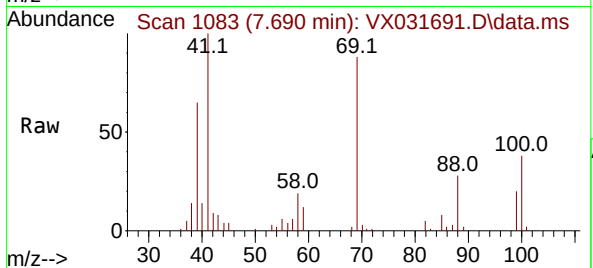
Tgt Ion: 88 Resp: 10278
 Ion Ratio Lower Upper
 88 100
 43 31.0 27.1 40.7
 58 61.6 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#50

Toluene-d8

Concen: 52.565 ug/l

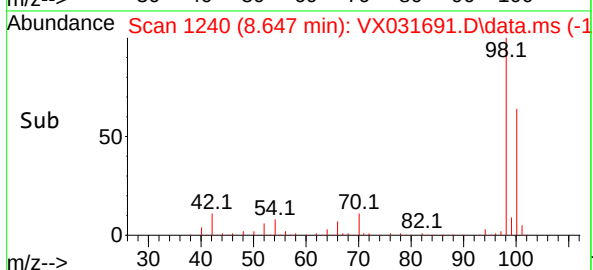
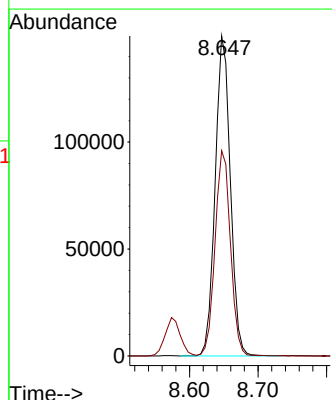
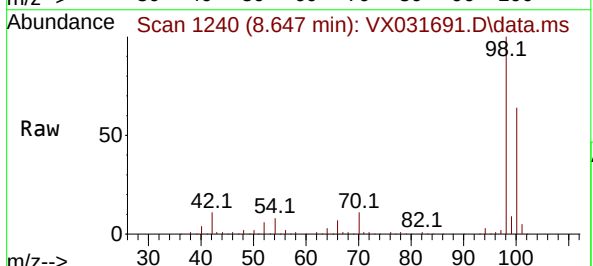
RT: 8.647 min Scan# 1240

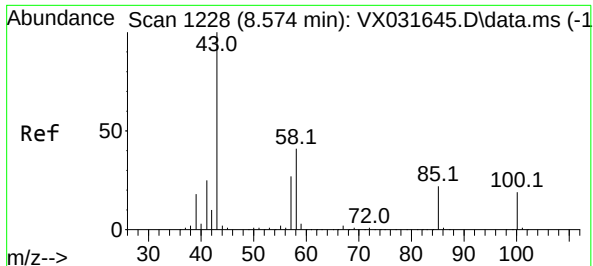
Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

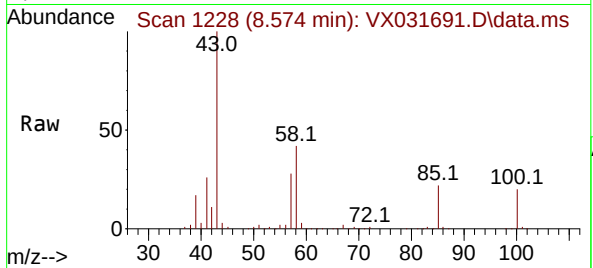
Tgt Ion: 98 Resp: 229514
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 102.049 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

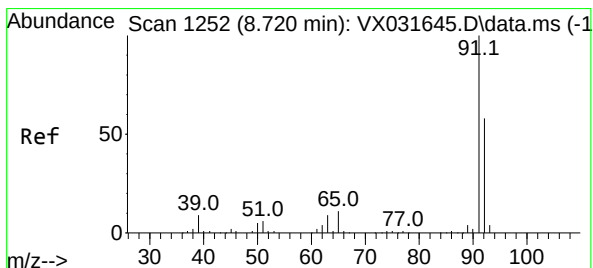
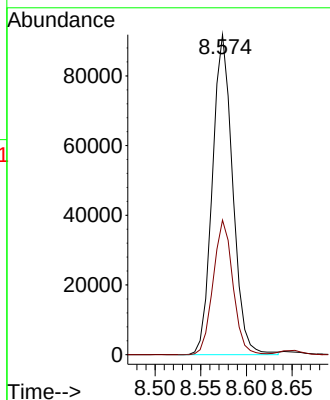
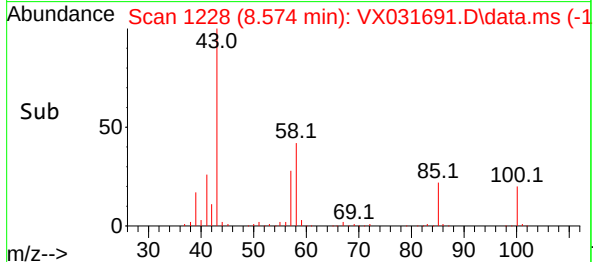
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 43 Resp: 141832
Ion Ratio Lower Upper
43 100
58 40.9 30.6 46.0

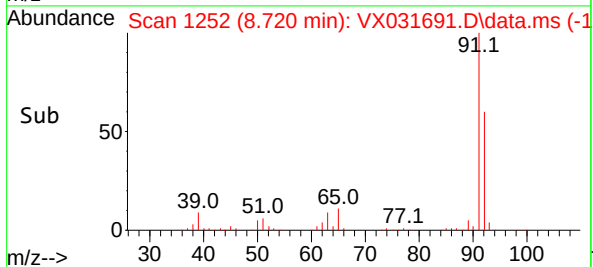
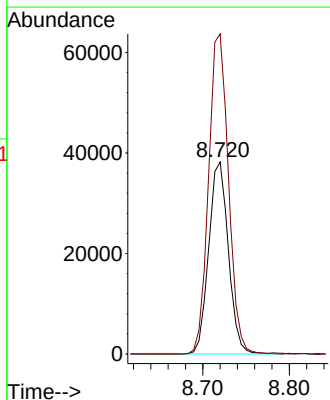
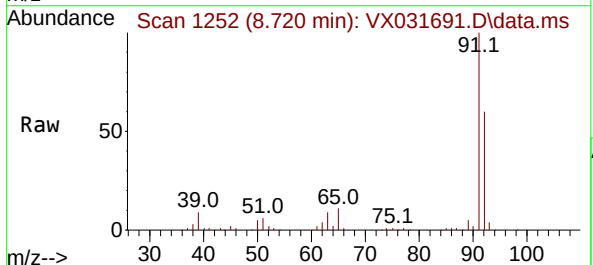
Manual Integrations
APPROVED

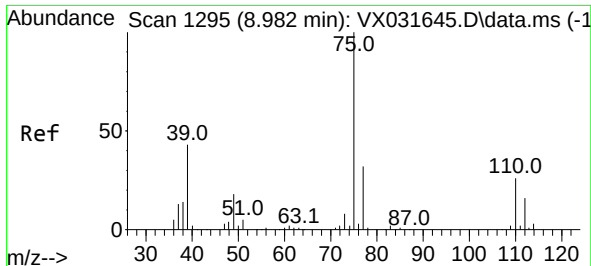
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#52
Toluene
Concen: 21.206 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion: 92 Resp: 60047
Ion Ratio Lower Upper
92 100
91 169.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 18.881 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 75 Resp: 30478

Ion Ratio Lower Upper

75 100

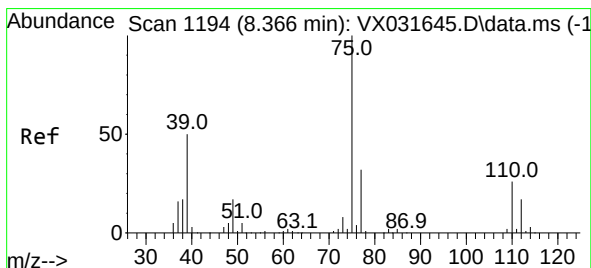
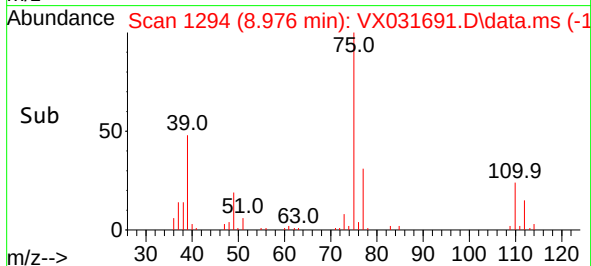
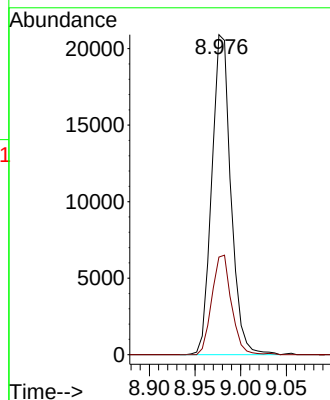
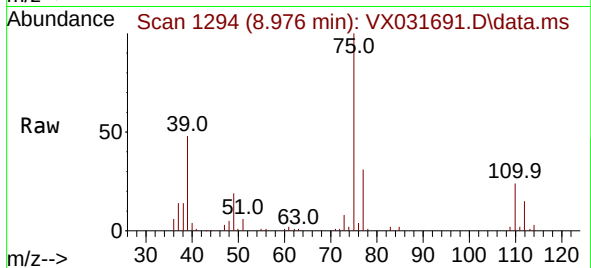
77 30.5 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#54

cis-1,3-Dichloropropene

Concen: 21.197 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

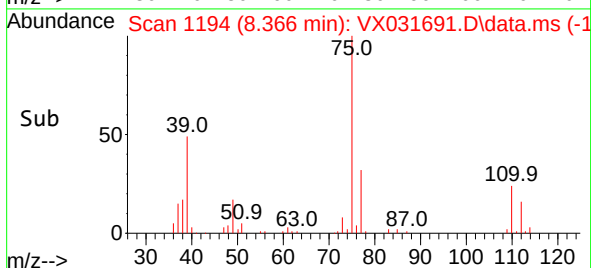
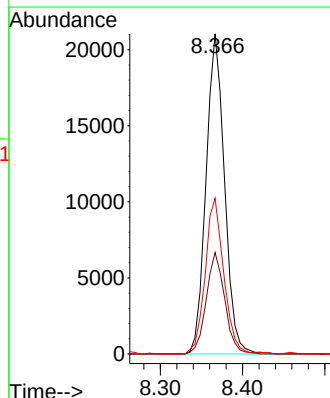
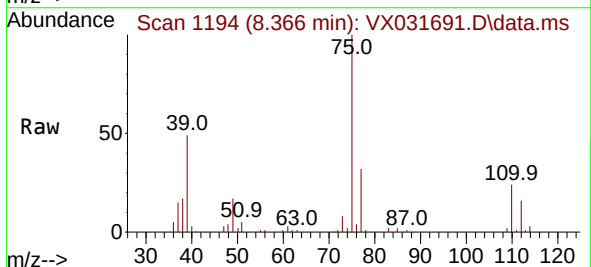
Tgt Ion: 75 Resp: 32912

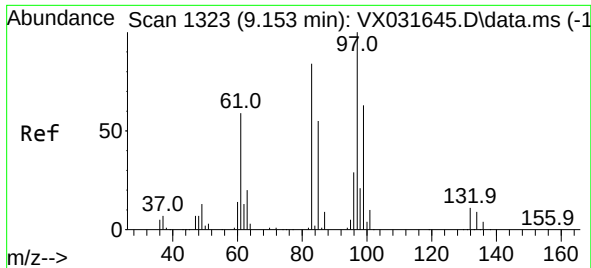
Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6

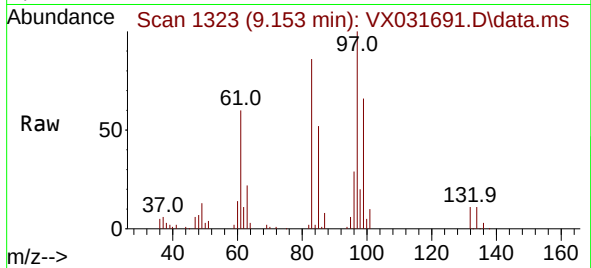
39 48.6 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 20.395 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

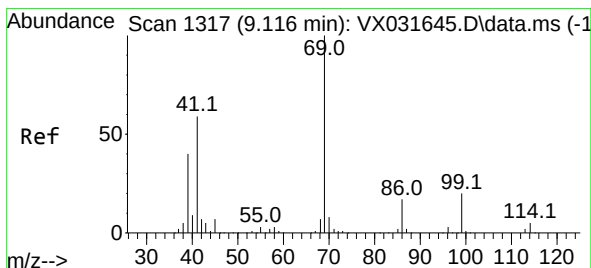
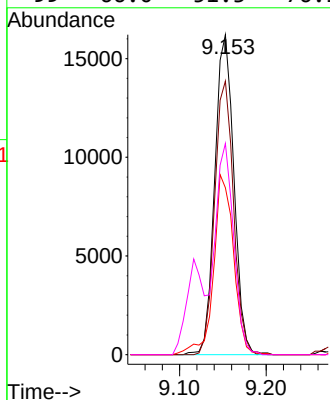
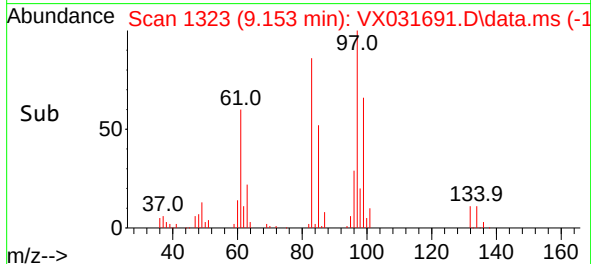


Tgt Ion: 97 Resp: 2486

Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.0	103.6
85	52.2	44.1	66.1
99	66.0	51.3	76.9

Manual Integrations
APPROVED

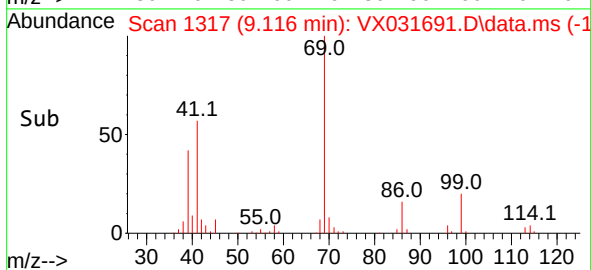
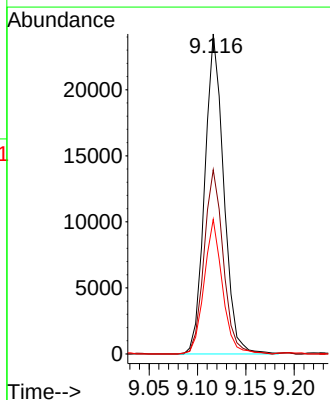
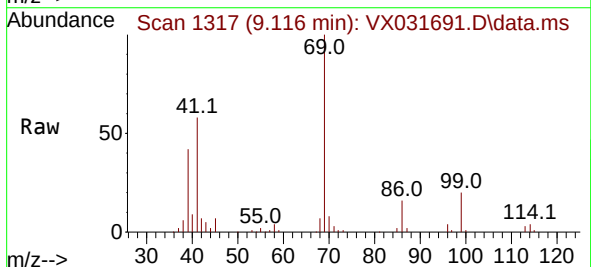
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

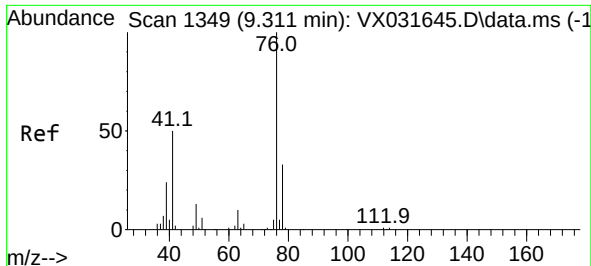


#56
Ethyl methacrylate
Concen: 21.251 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion: 69 Resp: 33148

Ion	Ratio	Lower	Upper
69	100		
41	58.2	54.2	81.4
39	40.6	34.2	51.2





#57

1,3-Dichloropropane

Concen: 20.560 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

Tgt Ion: 76 Resp: 3969

Ion Ratio Lower Upper

76 100

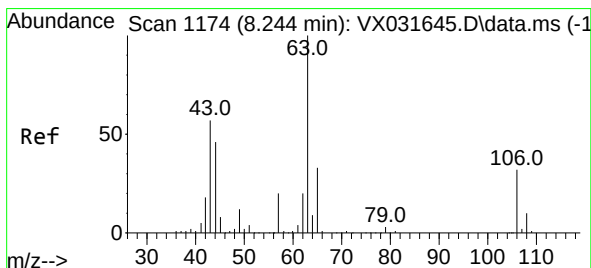
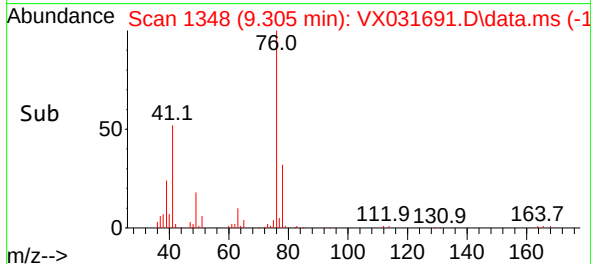
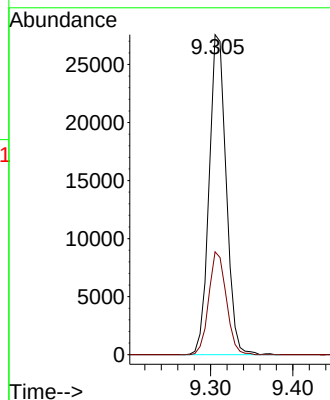
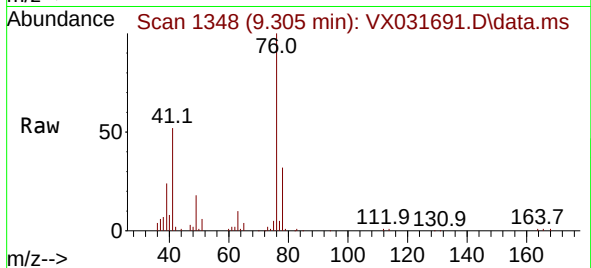
78 33.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 103.539 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX031691.D

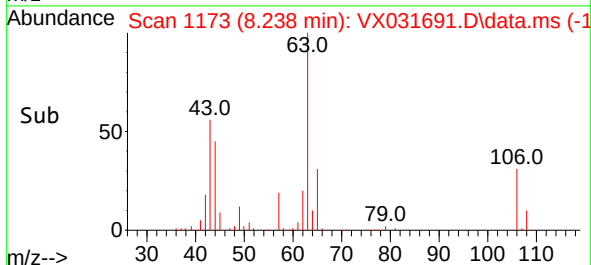
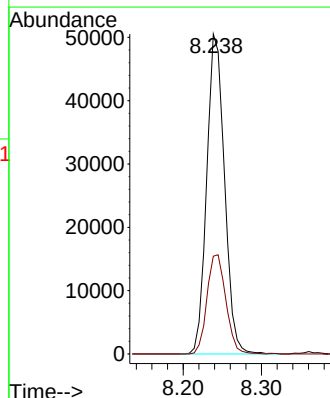
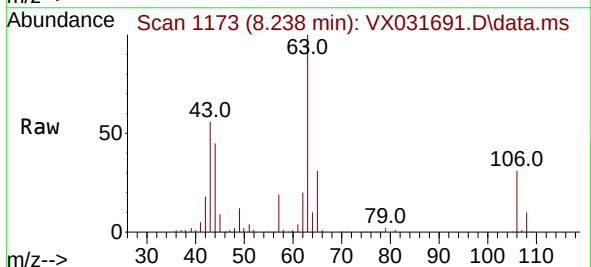
Acq: 27 Sep 2022 10:29

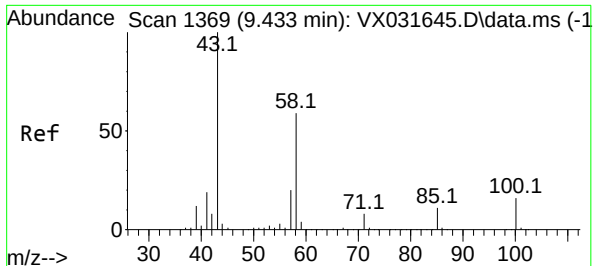
Tgt Ion: 63 Resp: 79526

Ion Ratio Lower Upper

63 100

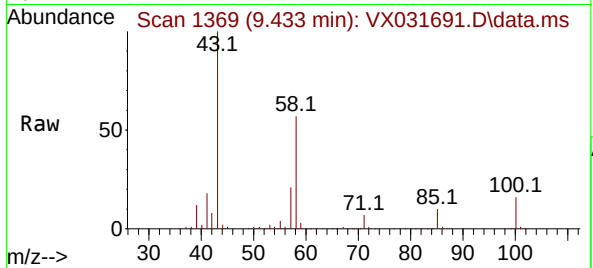
106 32.9 22.6 34.0





#59
2-Hexanone
Concen: 103.805 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

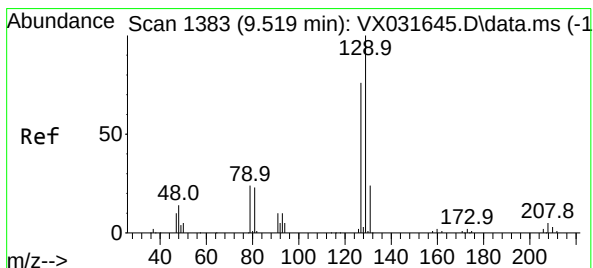
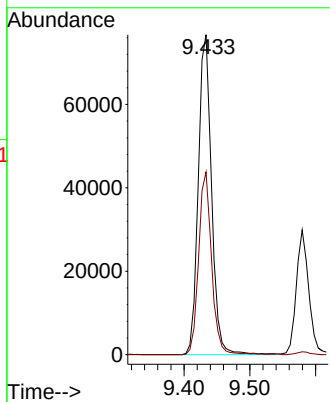
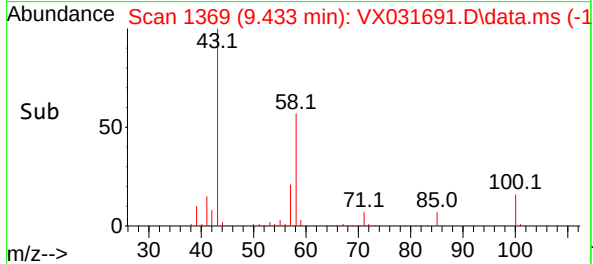
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion: 43 Resp: 10764
Ion Ratio Lower Upper
43 100
58 55.8 26.7 80.0

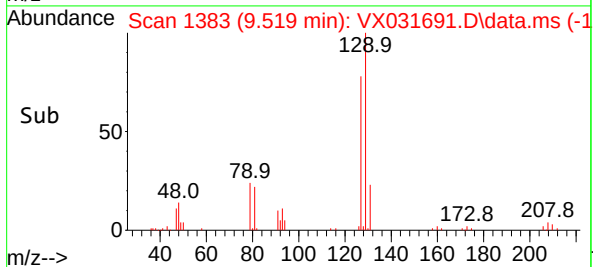
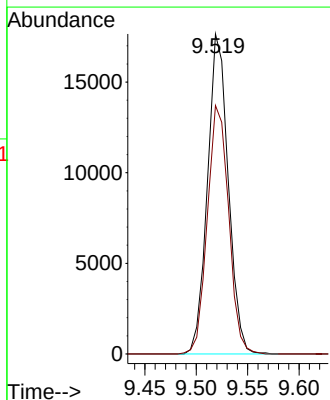
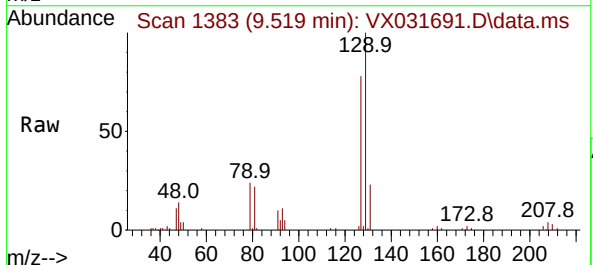
Manual Integrations
APPROVED

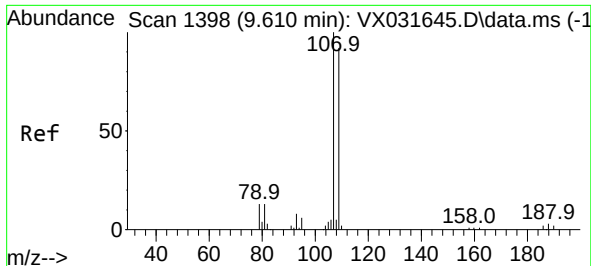
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#60
Dibromochloromethane
Concen: 18.431 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

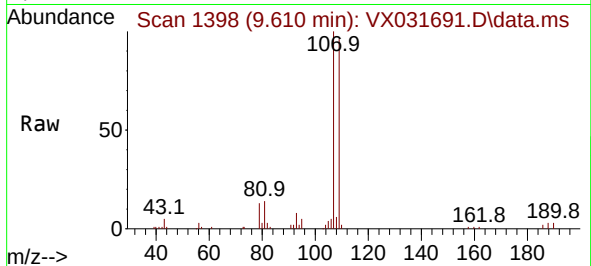
Tgt Ion:129 Resp: 24808
Ion Ratio Lower Upper
129 100
127 79.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.252 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

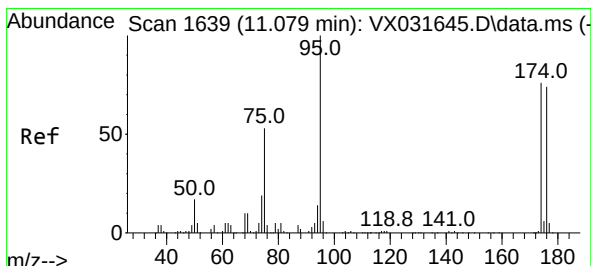
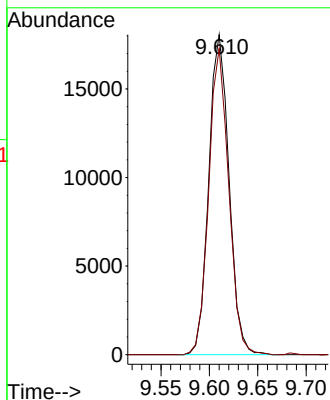
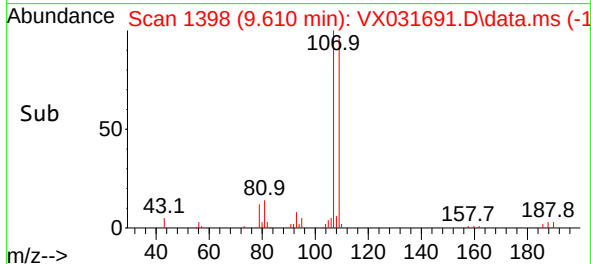
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



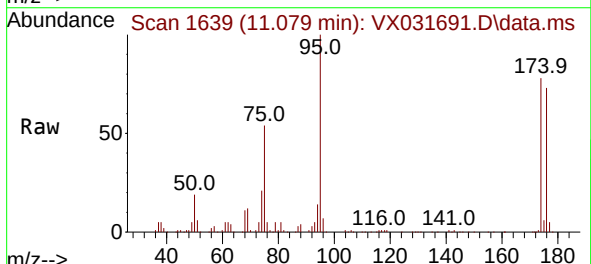
Tgt Ion:107 Resp: 2630
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4

Manual Integrations
APPROVED

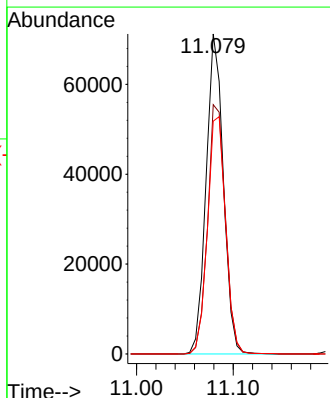
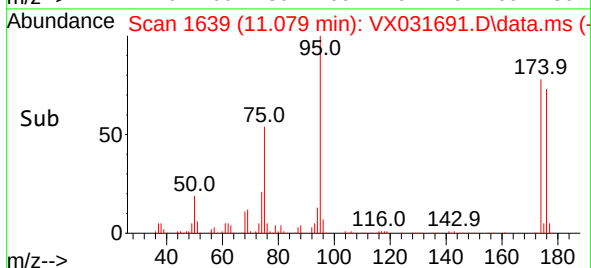
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

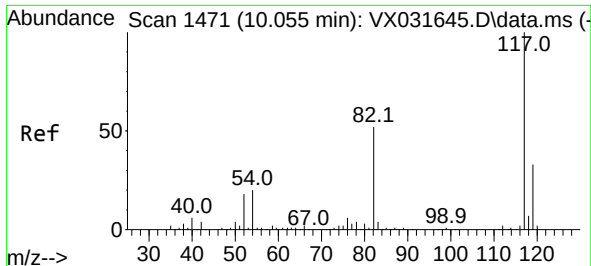


#62
4-Bromofluorobenzene
Concen: 55.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29



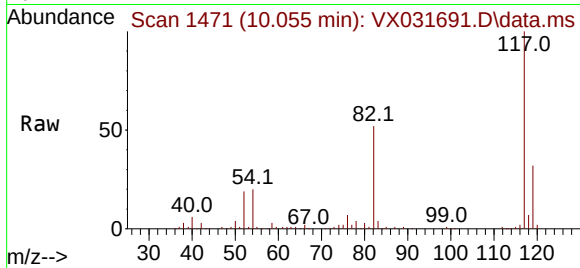
Tgt Ion: 95 Resp: 88108
Ion Ratio Lower Upper
95 100
174 80.6 0.0 153.2
176 78.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

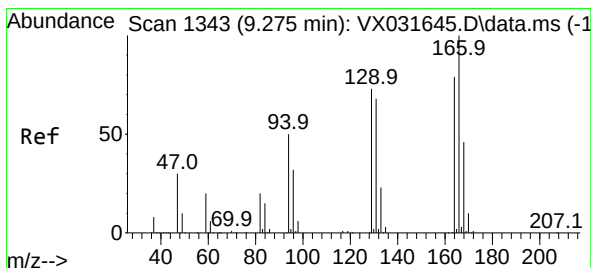
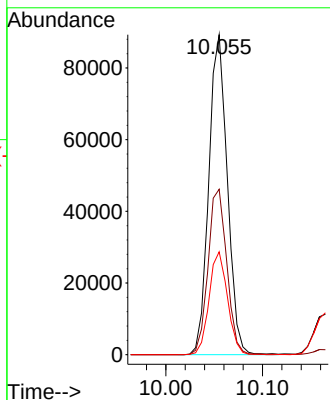
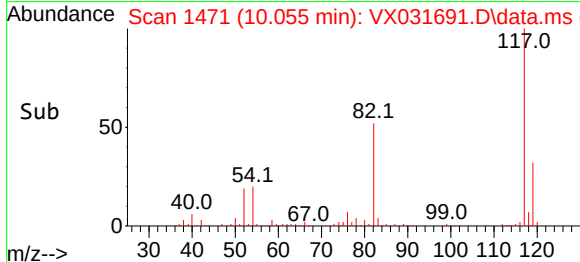
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:117 Resp: 118960
Ion Ratio Lower Upper
117 100
82 51.7 46.8 70.2
119 32.2 26.4 39.6

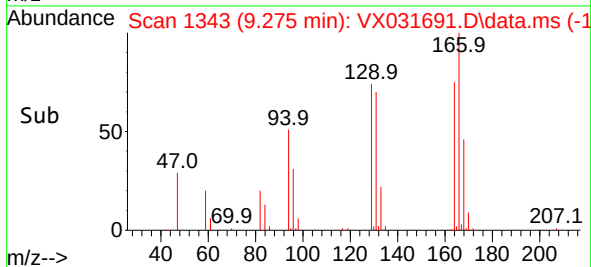
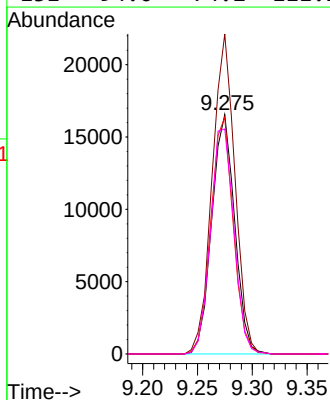
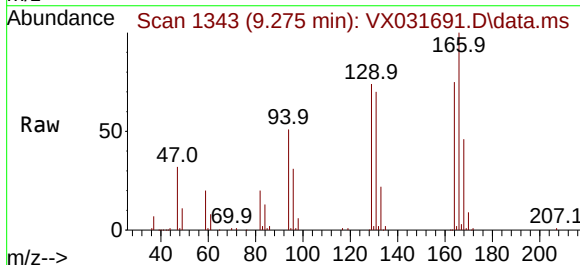
Manual Integrations
APPROVED

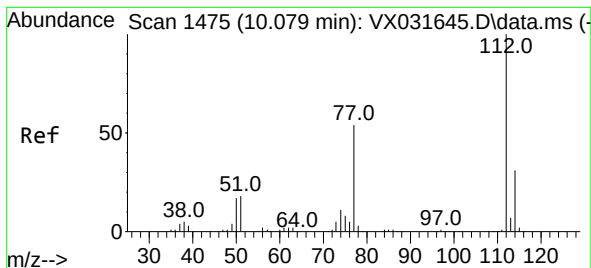
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#64
Tetrachloroethene
Concen: 18.895 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion:164 Resp: 24026
Ion Ratio Lower Upper
164 100
166 133.7 99.0 148.4
129 98.8 78.0 117.0
131 94.0 74.2 111.2





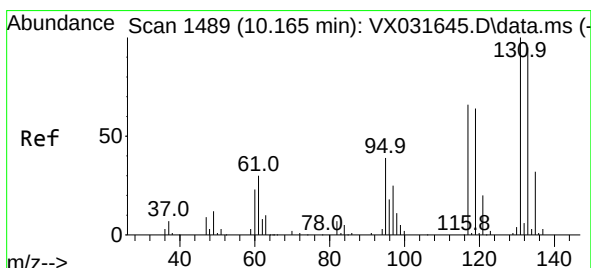
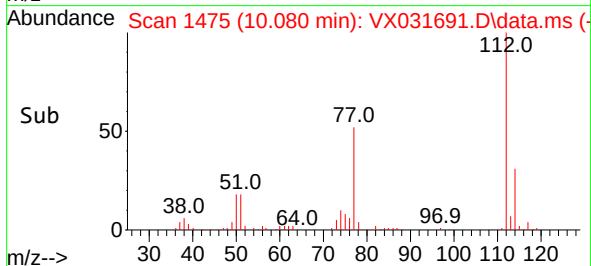
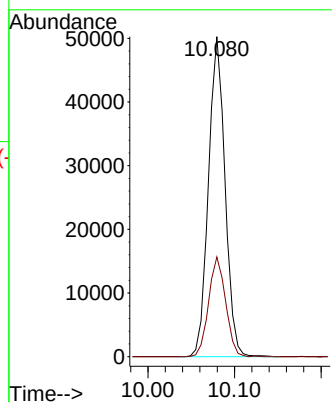
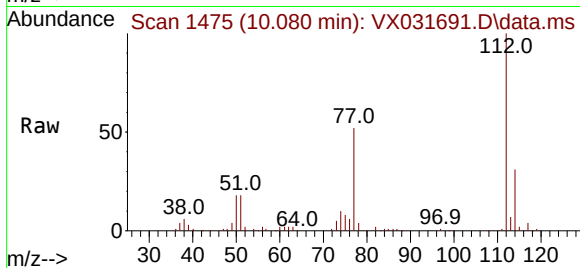
#65
Chlorobenzene
Concen: 20.150 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:112 Resp: 66784
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

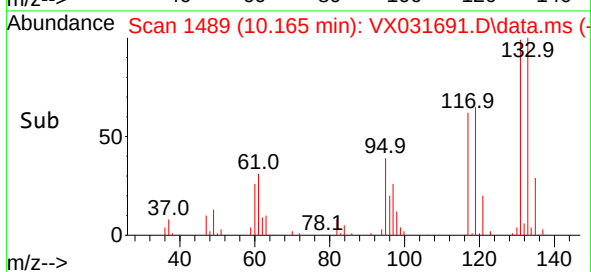
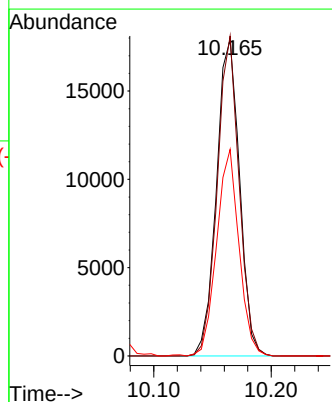
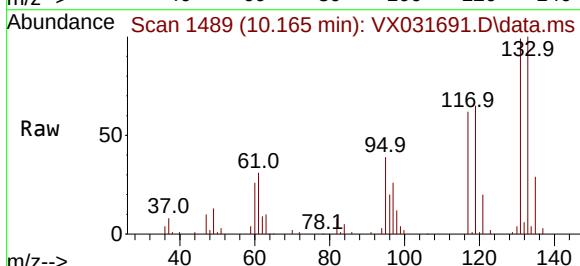
Manual Integrations
APPROVED

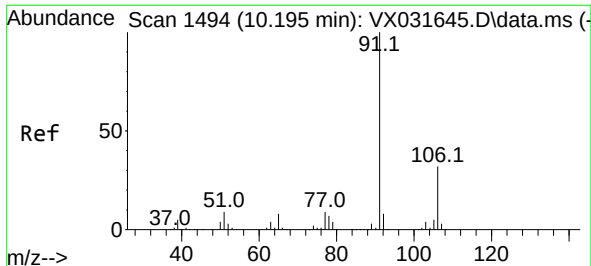
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.500 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion:131 Resp: 24447
Ion Ratio Lower Upper
131 100
133 95.8 46.6 139.7
119 63.4 31.9 95.9





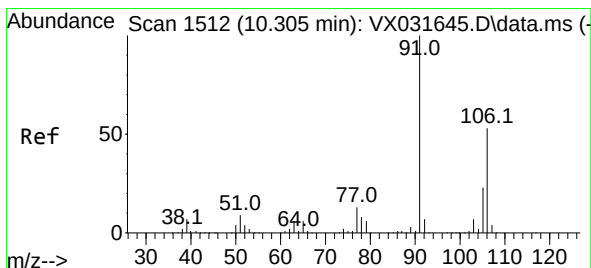
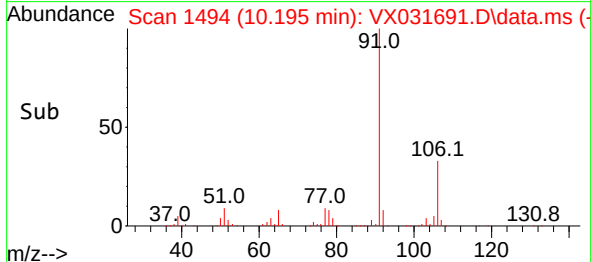
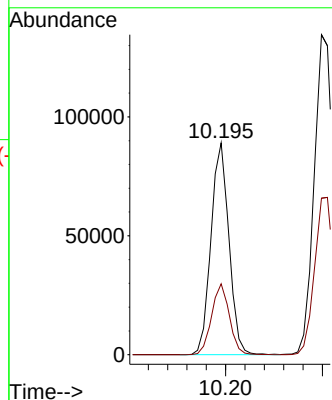
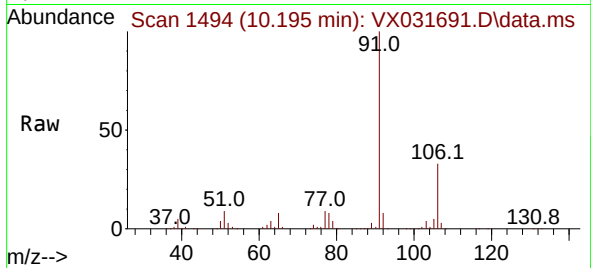
#67
Ethyl Benzene
Concen: 20.380 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 91 Resp: 11490
Ion Ratio Lower Upper
91 100
106 33.4 25.2 37.8

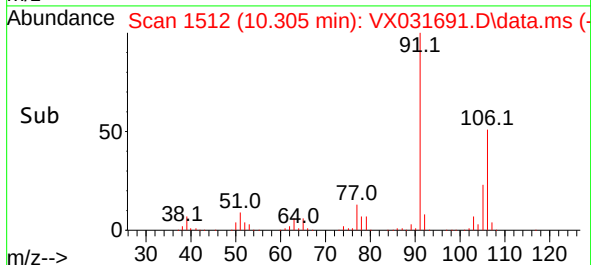
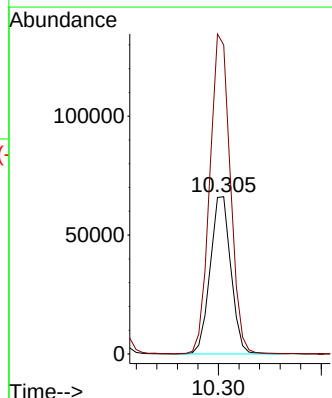
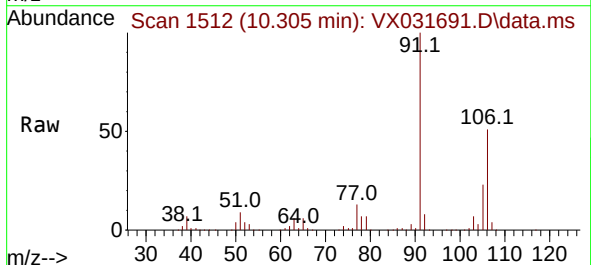
Manual Integrations
APPROVED

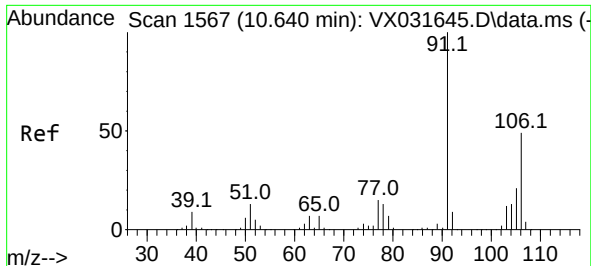
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#68
m/p-Xylenes
Concen: 40.958 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion:106 Resp: 92785
Ion Ratio Lower Upper
106 100
91 202.0 161.0 241.4





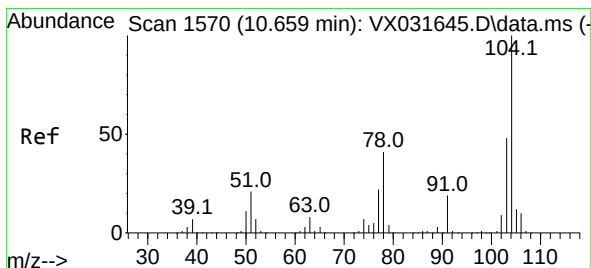
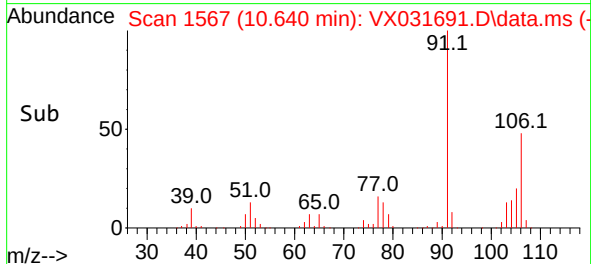
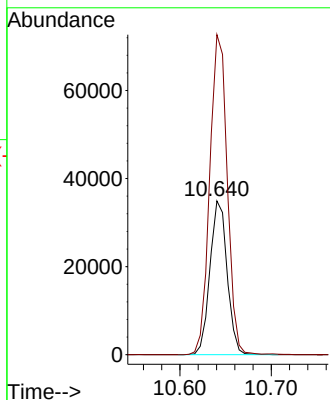
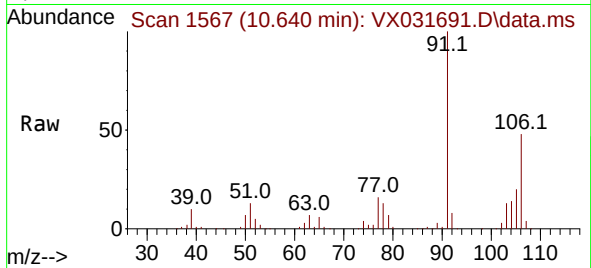
#69
o-Xylene
Concen: 20.571 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:106 Resp: 45548
Ion Ratio Lower Upper
106 100
91 212.9 107.2 321.6

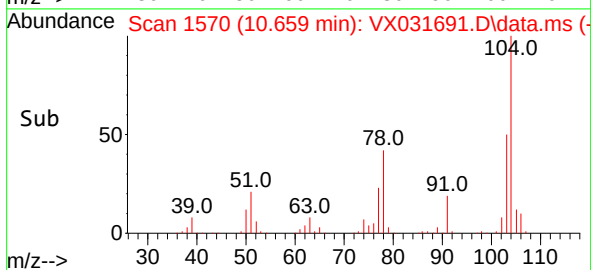
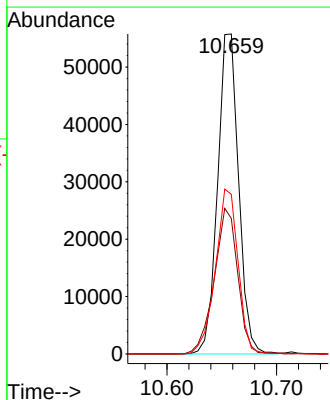
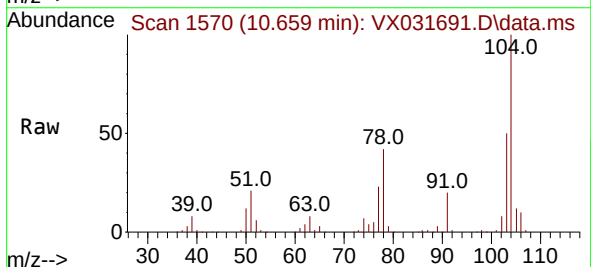
Manual Integrations
APPROVED

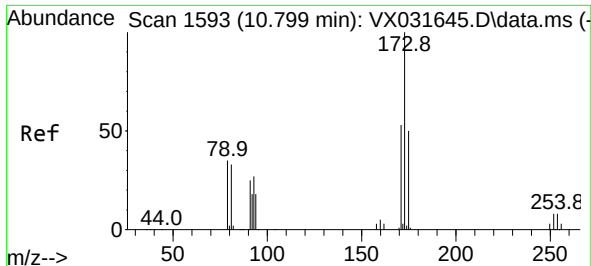
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#70
Styrene
Concen: 20.647 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

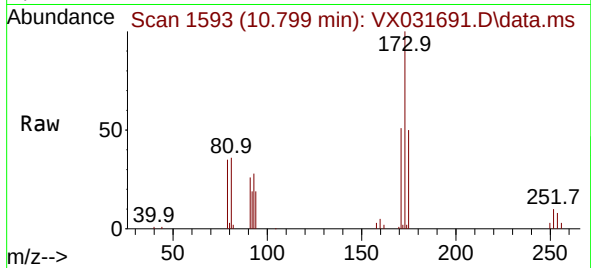
Tgt Ion:104 Resp: 74416
Ion Ratio Lower Upper
104 100
78 50.7 41.4 62.2
103 55.7 43.8 65.8





#71
Bromoform
Concen: 17.382 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

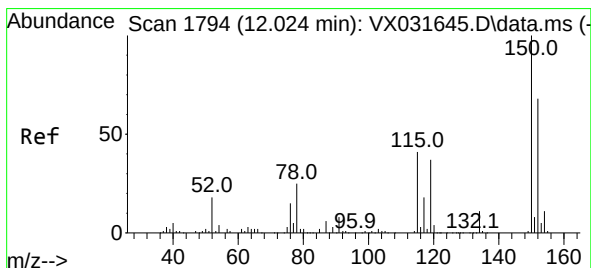
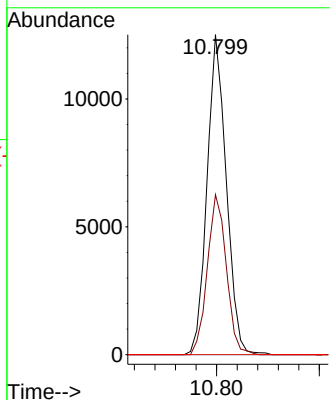
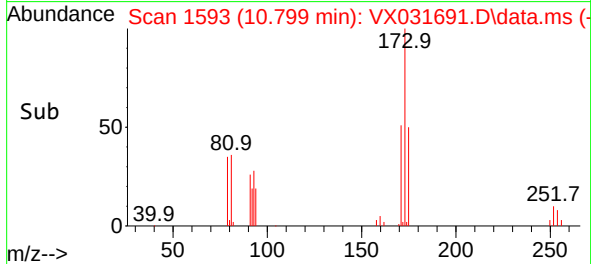
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:173 Resp: 16260
Ion Ratio Lower Upper
173 100
175 49.4 24.0 72.0
254 0.0 0.0 0.0

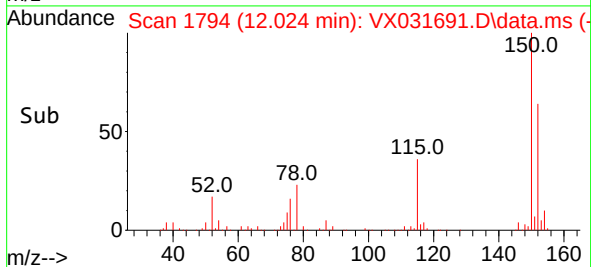
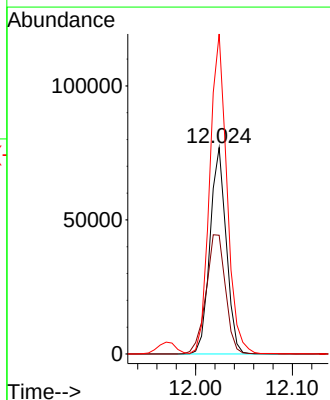
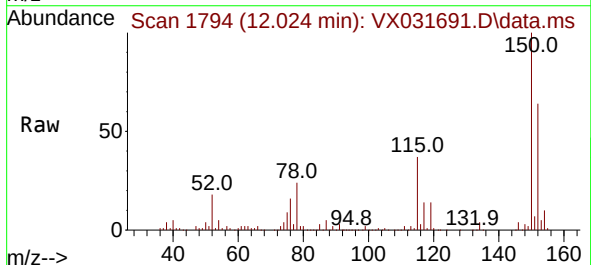
Manual Integrations
APPROVED

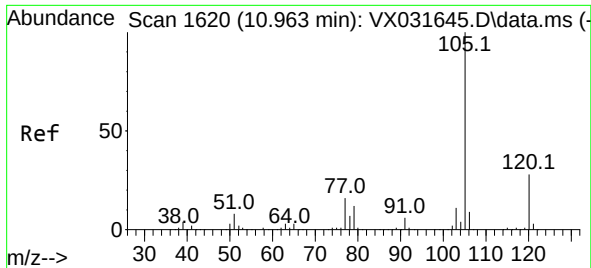
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

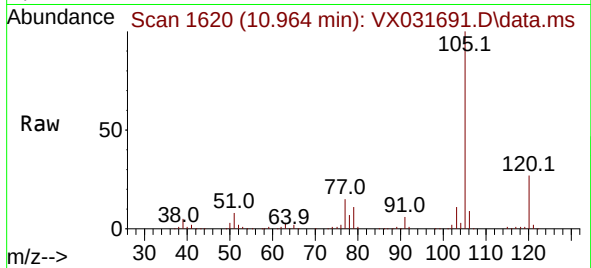
Tgt Ion:152 Resp: 89766
Ion Ratio Lower Upper
152 100
115 69.2 43.4 130.1
150 164.5 0.0 346.8





#73
Isopropylbenzene
Concen: 21.004 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

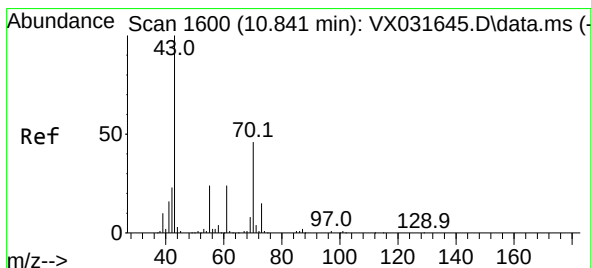
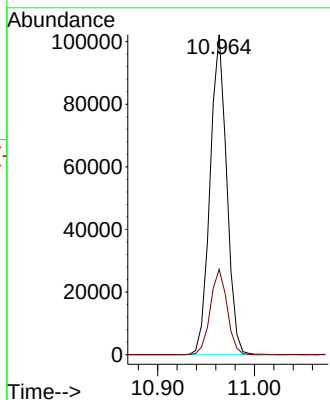
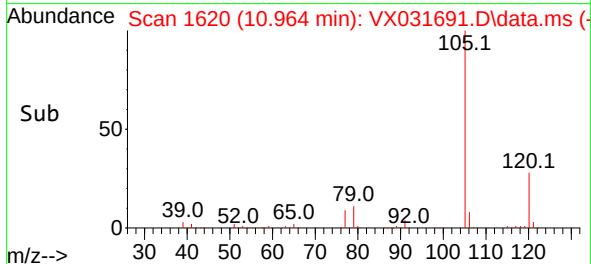
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



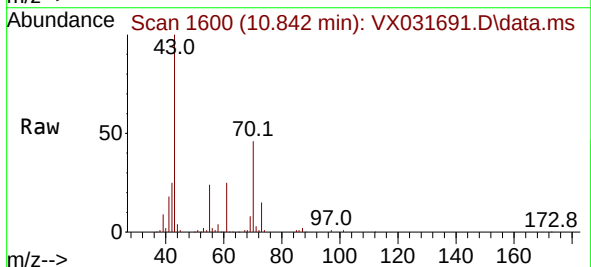
Tgt Ion:105 Resp: 121934
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

Manual Integrations
APPROVED

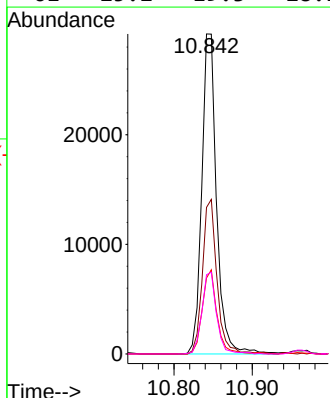
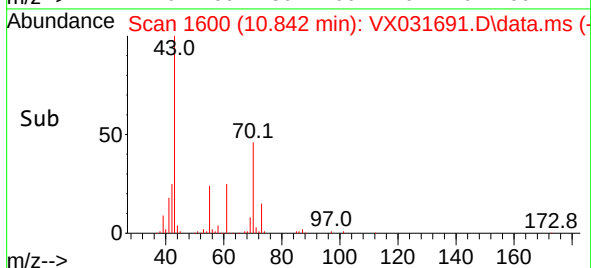
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

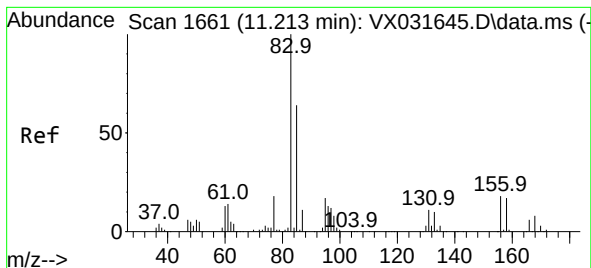


#74
N-ethyl acetate
Concen: 20.358 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29



Tgt Ion: 43 Resp: 38336
Ion Ratio Lower Upper
43 100
70 47.6 33.4 50.2
55 25.7 18.2 27.2
61 25.2 19.3 28.9





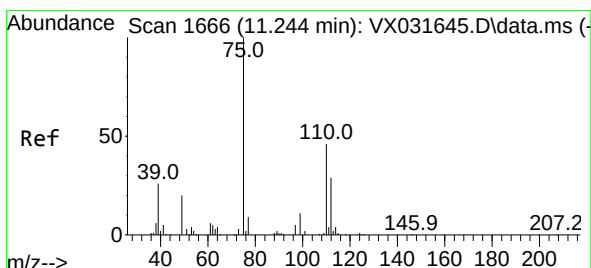
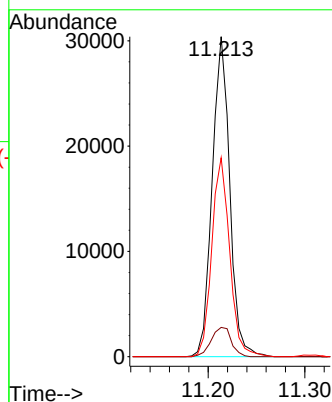
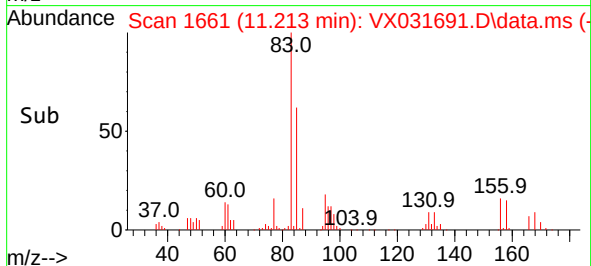
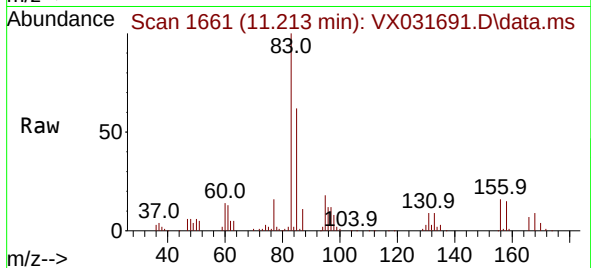
#75
1,1,2,2-Tetrachloroethane
Concen: 20.708 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 83 Resp: 3819
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 63.5 32.6 97.8

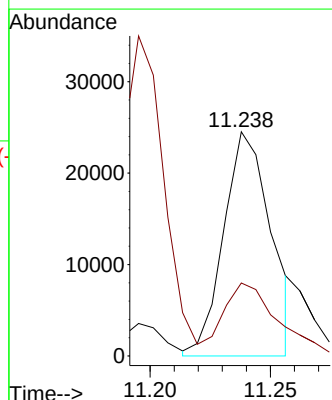
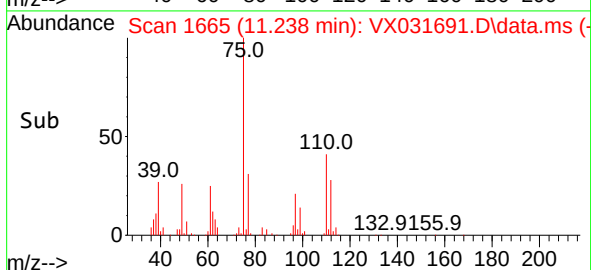
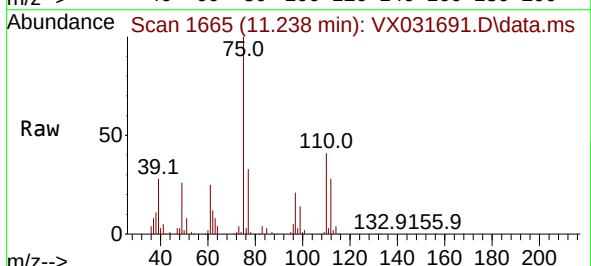
Manual Integrations
APPROVED

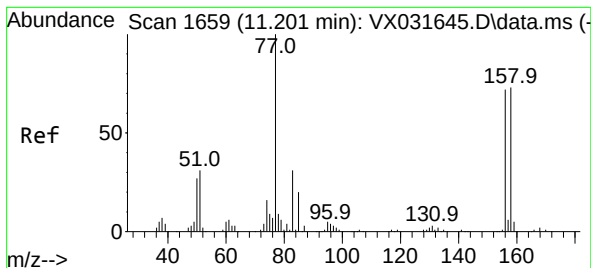
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#76
1,2,3-Trichloropropane
Concen: 20.618 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion: 75 Resp: 33553
Ion Ratio Lower Upper
75 100
77 38.2 20.3 60.9





#77

Bromobenzene

Concen: 20.244 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

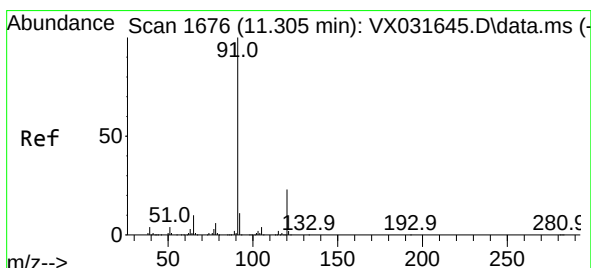
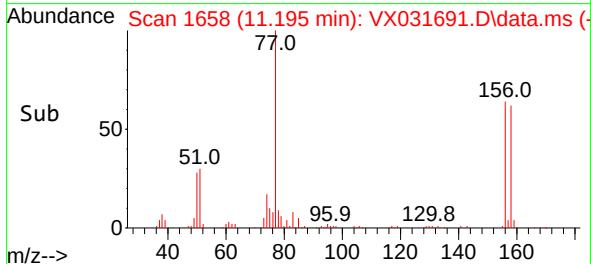
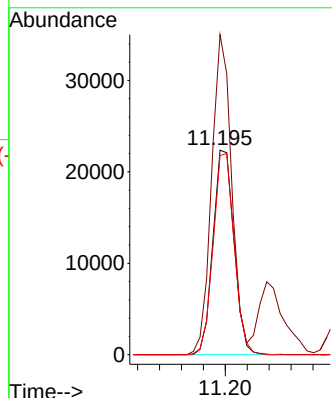
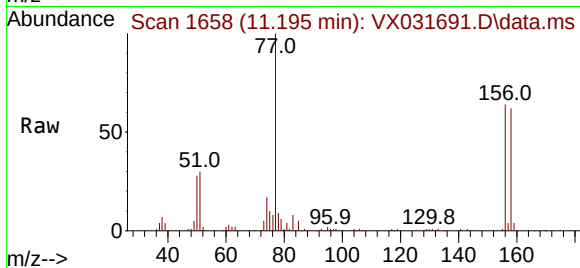
Tgt Ion:	156	Resp:	2987
Ion Ratio	Lower	Upper	
156	100		
77	148.2	79.5	238.6
158	97.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#78

n-propylbenzene

Concen: 21.681 ug/l

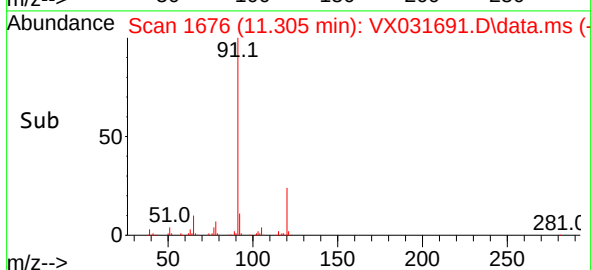
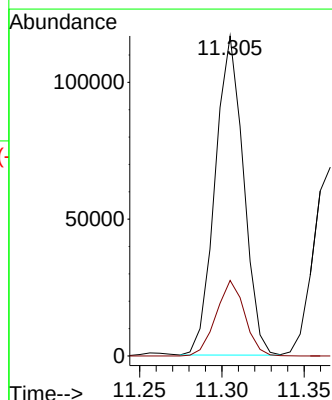
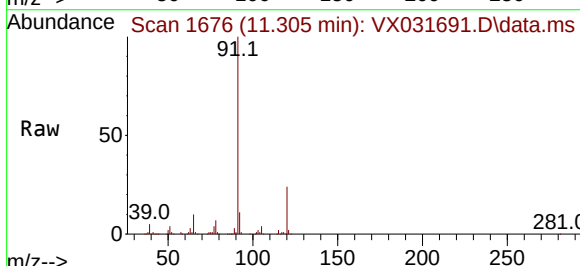
RT: 11.305 min Scan# 1676

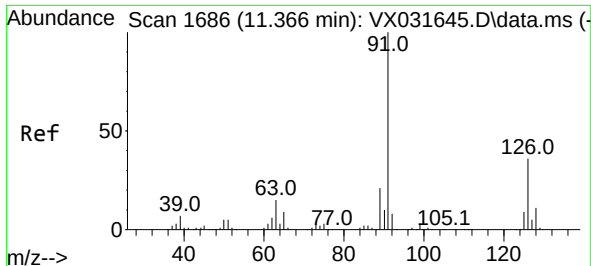
Delta R.T. -0.000 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Tgt Ion:	91	Resp:	140059
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





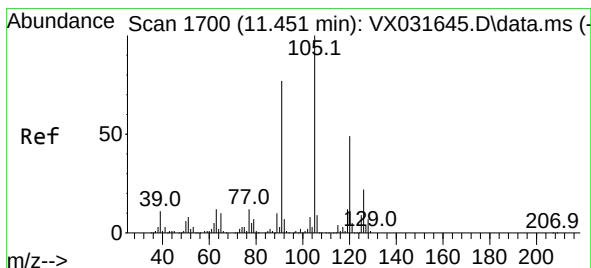
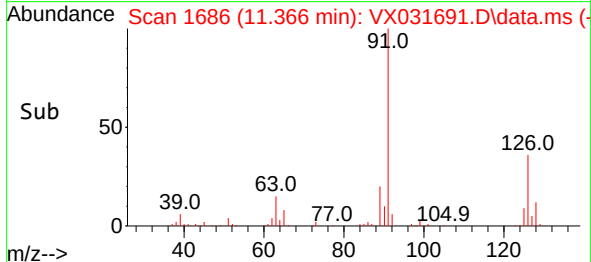
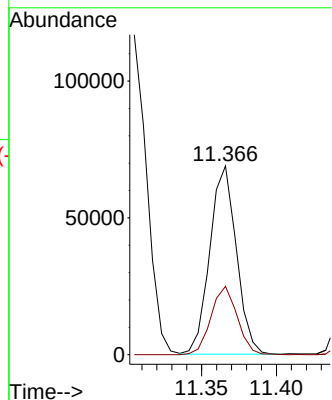
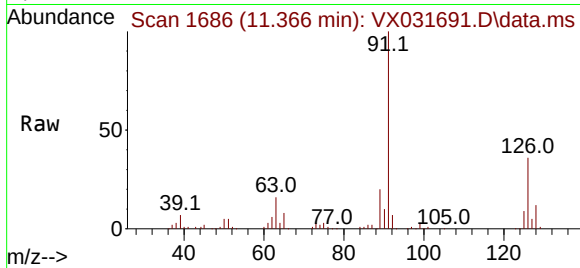
#79
2-Chlorotoluene
Concen: 21.343 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 91 Resp: 85138
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3

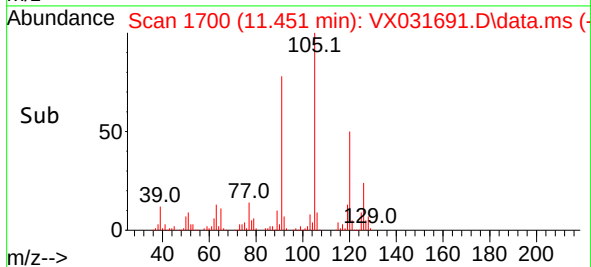
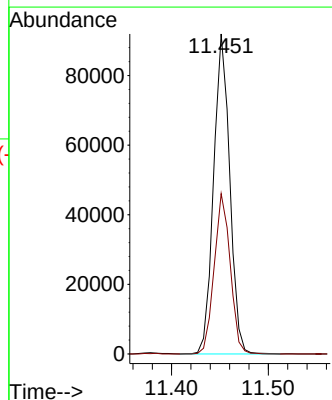
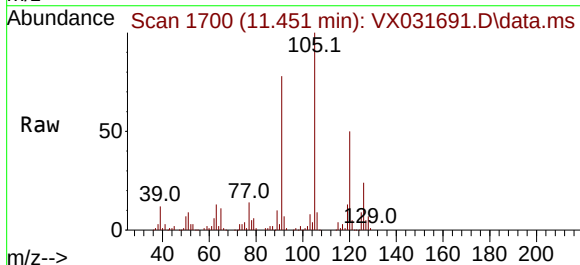
Manual Integrations
APPROVED

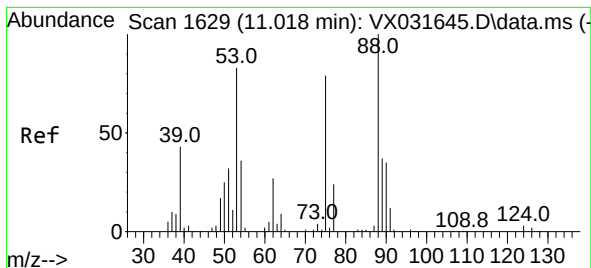
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.610 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion:105 Resp: 106342
Ion Ratio Lower Upper
105 100
120 49.7 24.5 73.5





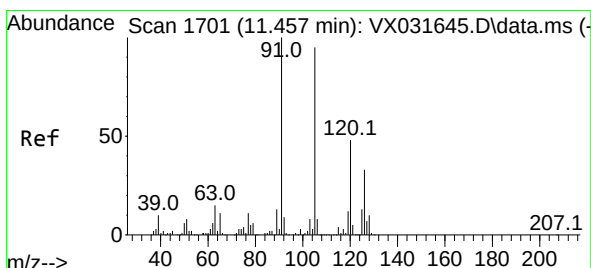
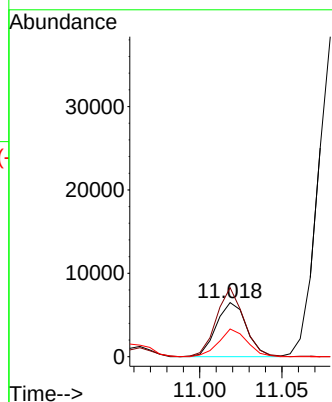
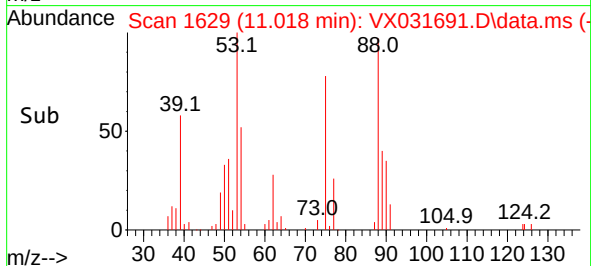
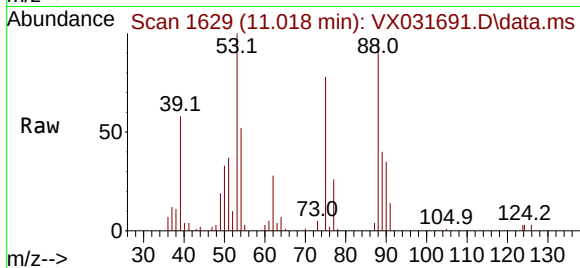
#81
trans-1,4-Dichloro-2-butene
Concen: 19.315 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 75 Resp: 828
Ion Ratio Lower Upper
75 100
53 116.2 77.6 116.4
89 48.1 37.4 56.0

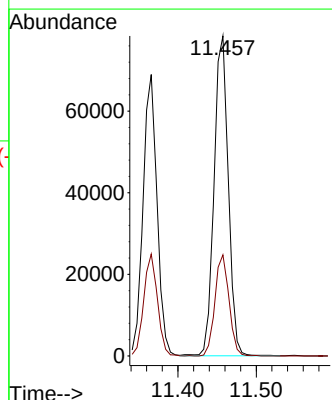
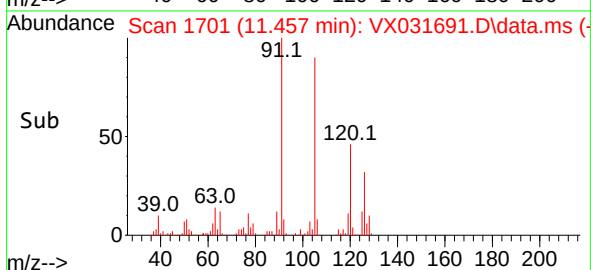
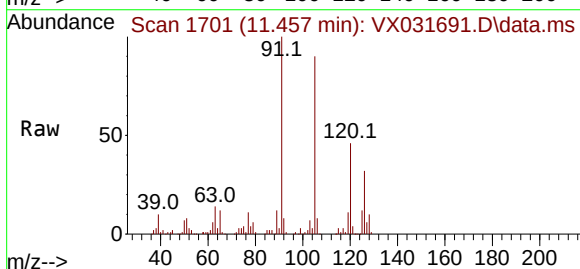
Manual Integrations
APPROVED

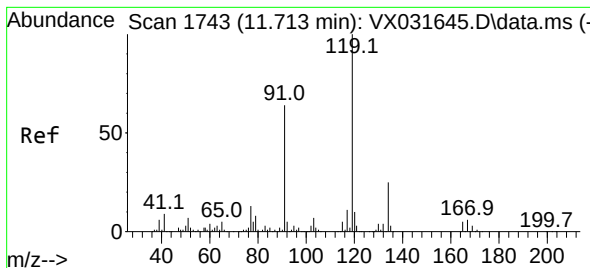
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#82
4-Chlorotoluene
Concen: 21.409 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion: 91 Resp: 98664
Ion Ratio Lower Upper
91 100
126 31.4 15.1 45.3





#83

tert-Butylbenzene

Concen: 21.366 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

Instrument :

MSVOA_X

ClientSampleId :

VX0927WBS01

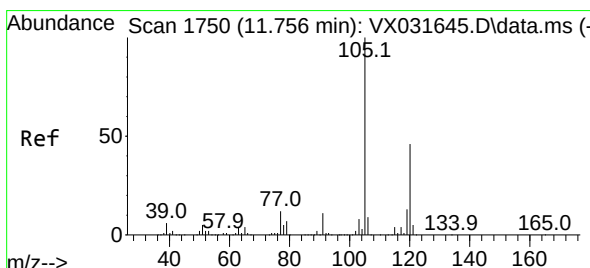
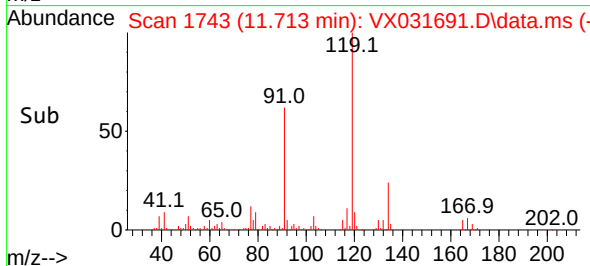
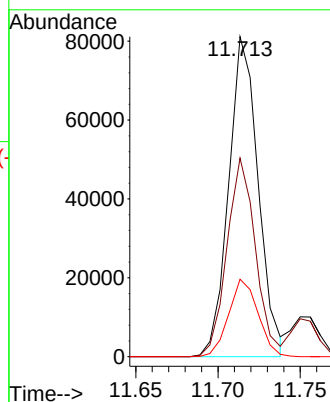
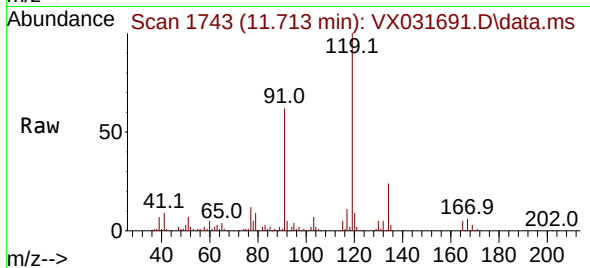
Tgt Ion:119 Resp: 101394
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.2 87.6
 134 24.2 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#84

1,2,4-Trimethylbenzene

Concen: 22.160 ug/l

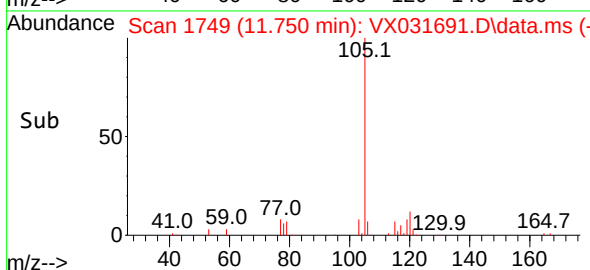
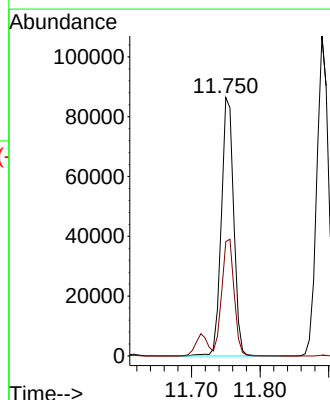
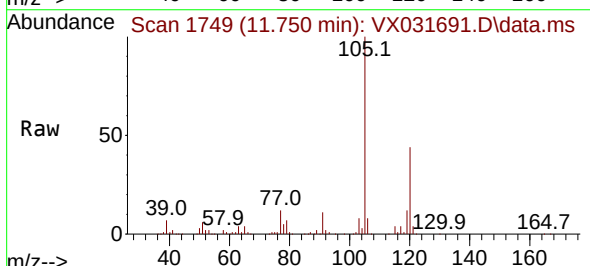
RT: 11.750 min Scan# 1749

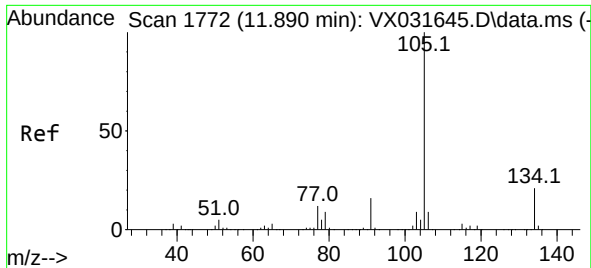
Delta R.T. -0.006 min

Lab File: VX031691.D

Acq: 27 Sep 2022 10:29

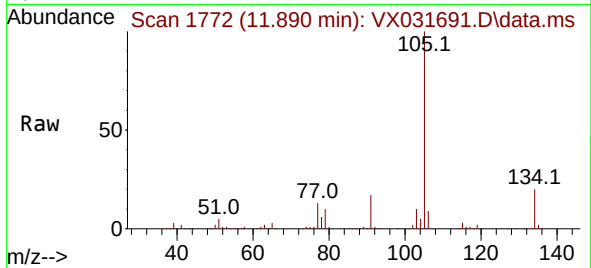
Tgt Ion:105 Resp: 107941
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 21.349 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031691.D
 Acq: 27 Sep 2022 10:29

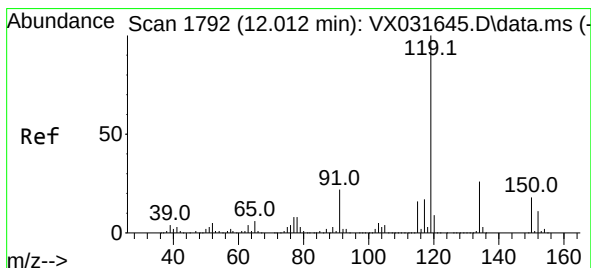
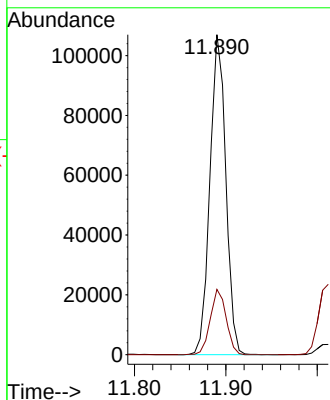
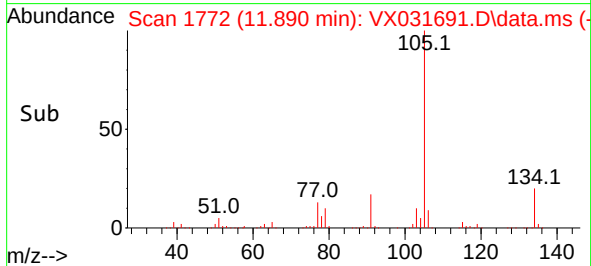
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0927WBS01



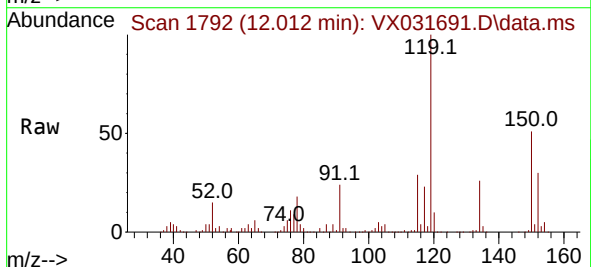
Tgt Ion:105 Resp: 12875
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

Manual Integrations
 APPROVED

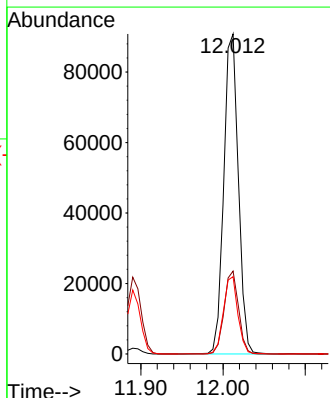
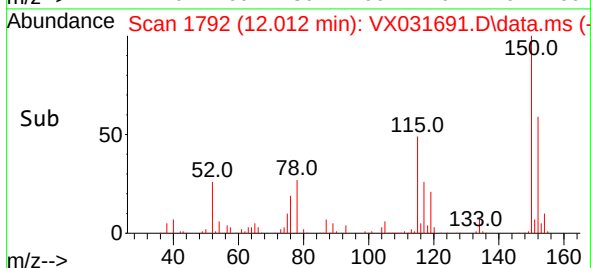
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

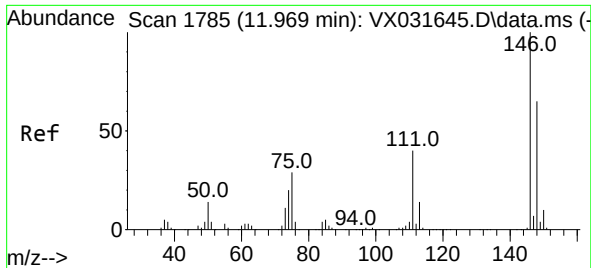


#86
 p-Isopropyltoluene
 Concen: 21.533 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031691.D
 Acq: 27 Sep 2022 10:29



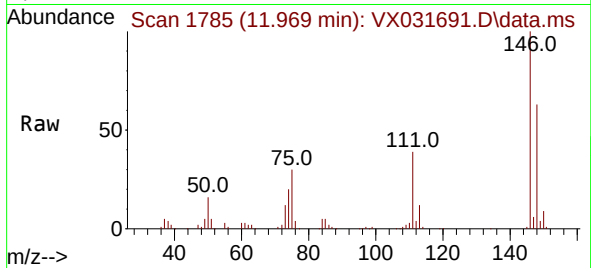
Tgt Ion:119 Resp: 111989
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.2
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.718 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

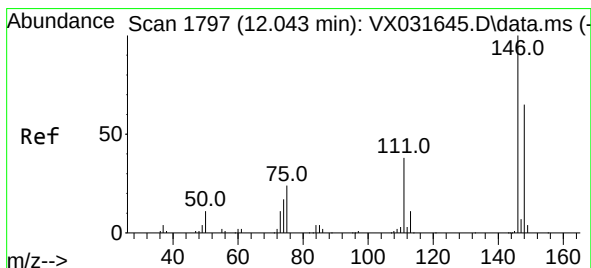
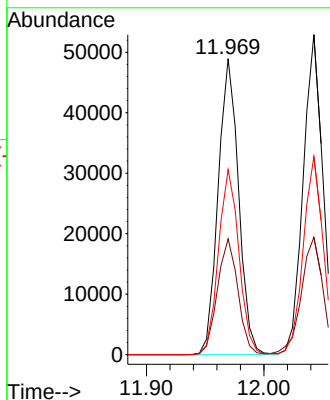
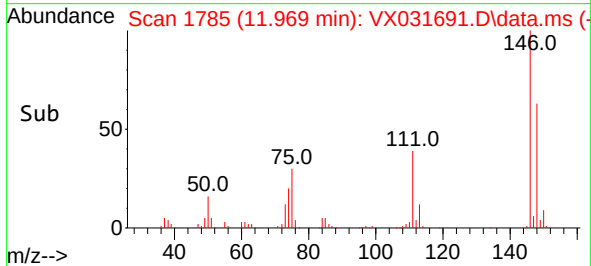
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



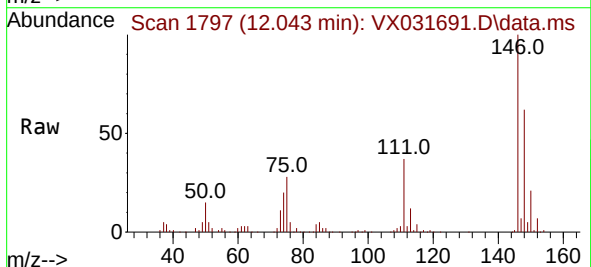
Tgt Ion:146 Resp: 5927
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.4
148 62.7 31.5 94.5

Manual Integrations
APPROVED

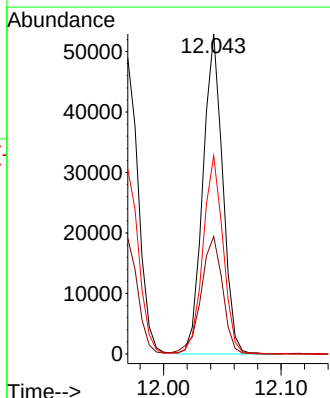
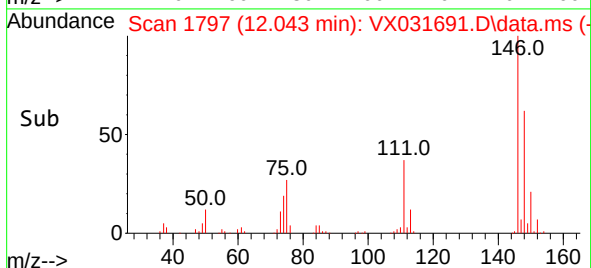
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

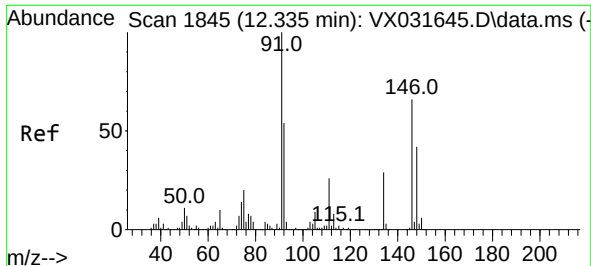


#88
1,4-Dichlorobenzene
Concen: 20.617 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29



Tgt Ion:146 Resp: 61741
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.5
148 62.9 32.0 96.2





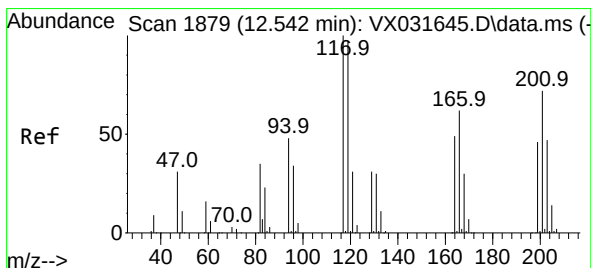
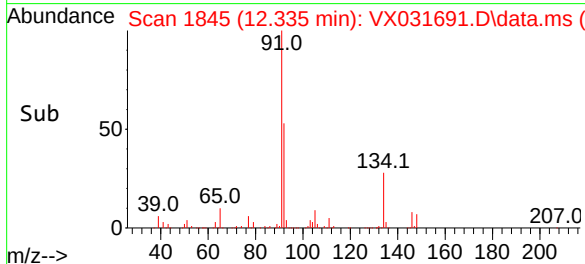
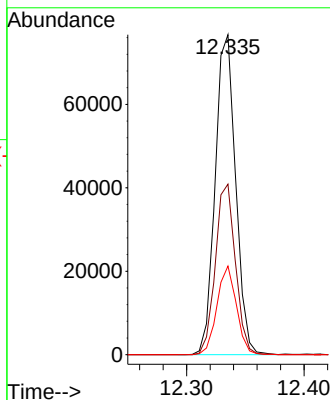
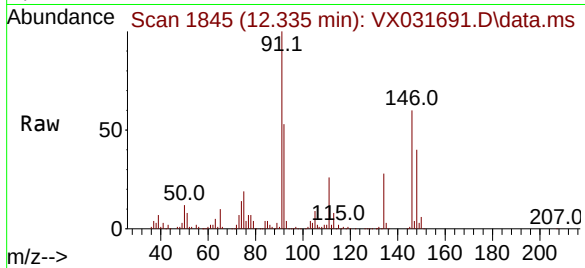
#89
n-Butylbenzene
Concen: 21.864 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion: 91 Resp: 92889
Ion Ratio Lower Upper
91 100
92 52.4 27.0 81.0
134 26.4 13.3 39.9

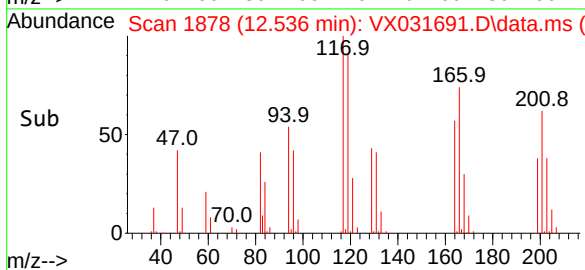
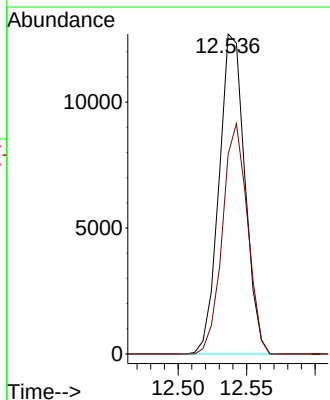
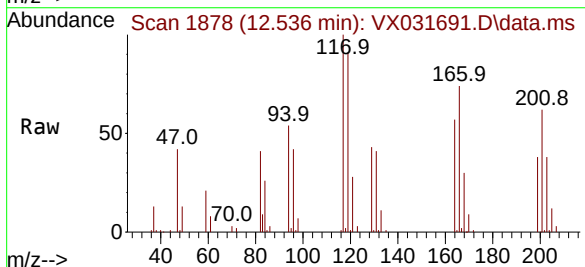
Manual Integrations
APPROVED

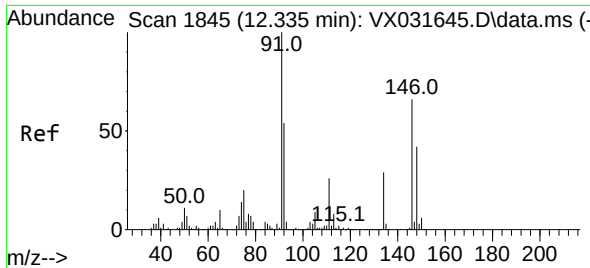
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#90
Hexachloroethane
Concen: 19.938 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion:117 Resp: 16627
Ion Ratio Lower Upper
117 100
201 70.1 34.8 104.4





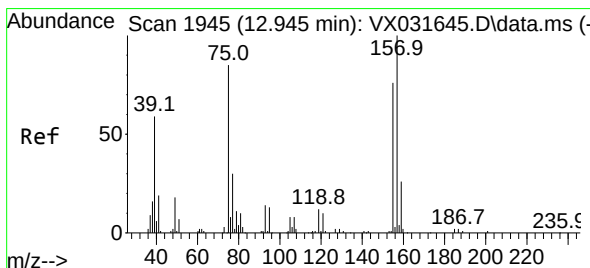
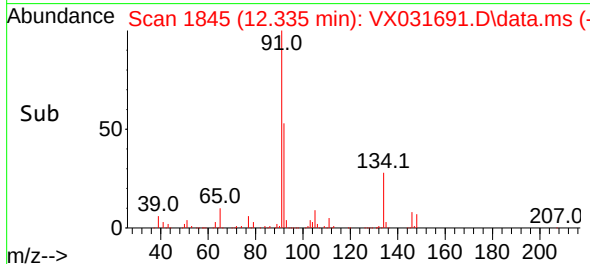
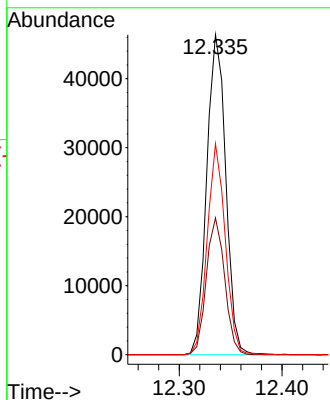
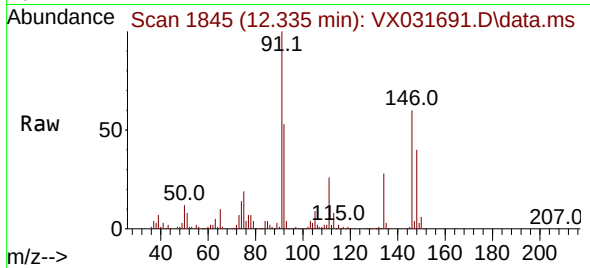
#91
1,2-Dichlorobenzene
Concen: 20.802 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:146 Resp: 59600
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 62.7 31.6 95.0

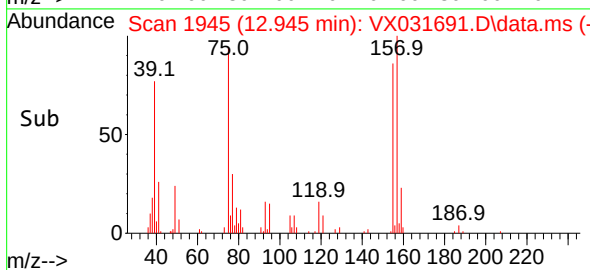
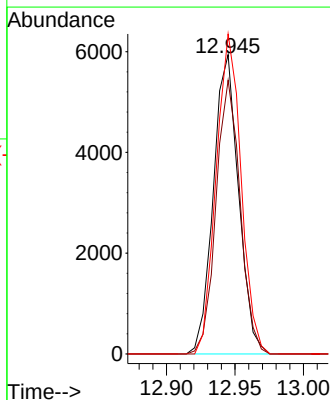
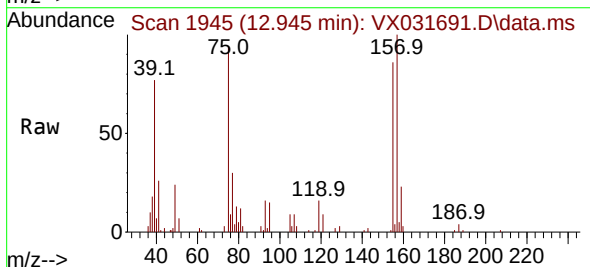
Manual Integrations
APPROVED

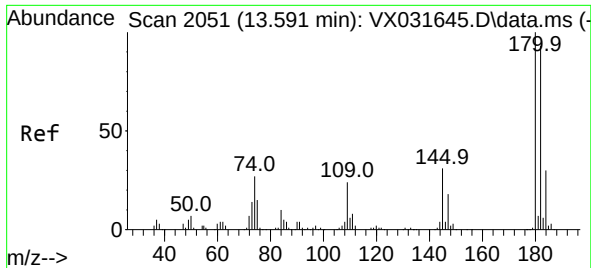
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.554 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion: 75 Resp: 7597
Ion Ratio Lower Upper
75 100
155 87.3 40.3 120.8
157 105.5 51.5 154.5





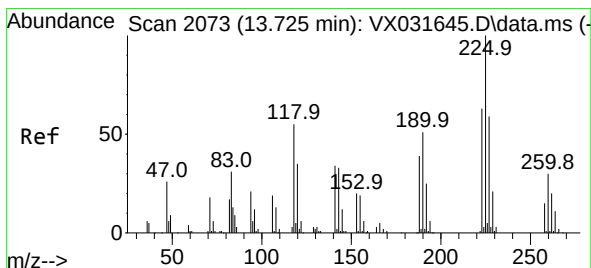
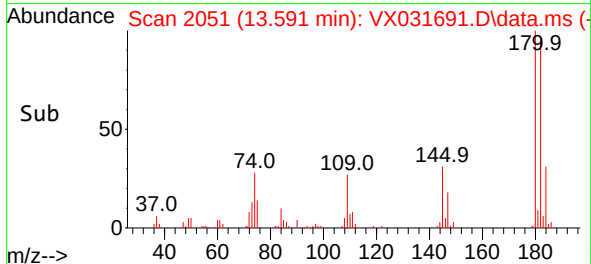
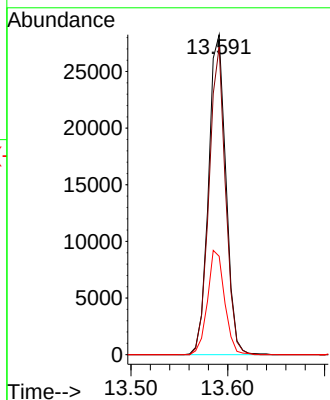
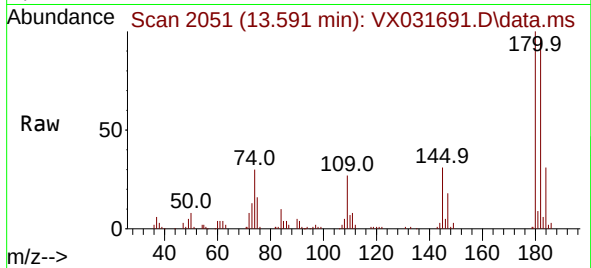
#93
1,2,4-Trichlorobenzene
Concen: 21.072 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01

Tgt Ion:180 Resp: 35300
Ion Ratio Lower Upper
180 100
182 91.7 46.9 140.6
145 32.1 16.7 50.1

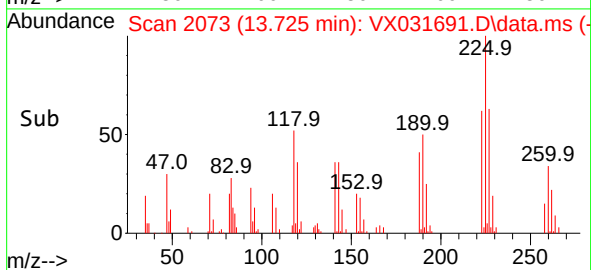
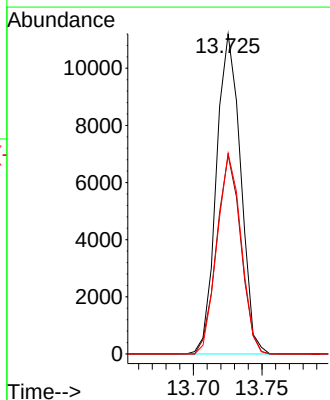
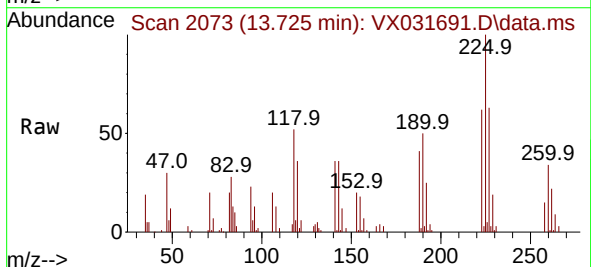
Manual Integrations
APPROVED

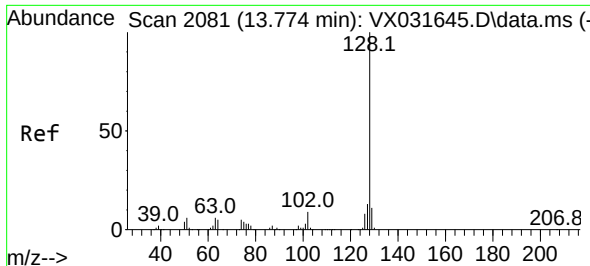
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#94
Hexachlorobutadiene
Concen: 21.023 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

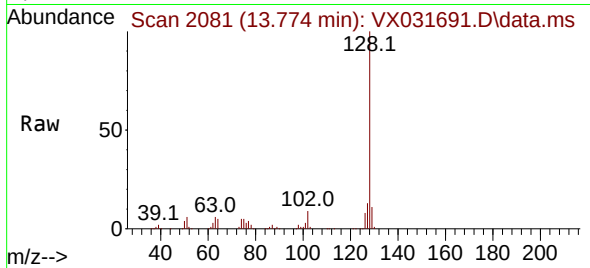
Tgt Ion:225 Resp: 13735
Ion Ratio Lower Upper
225 100
223 62.1 30.8 92.4
227 62.1 32.3 96.9





#95
Naphthalene
Concen: 21.816 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

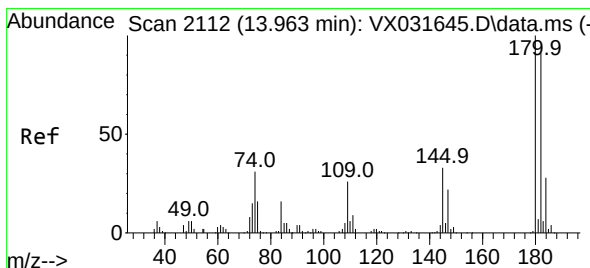
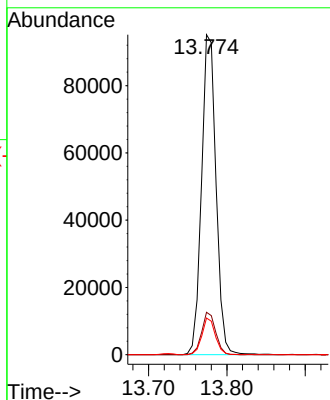
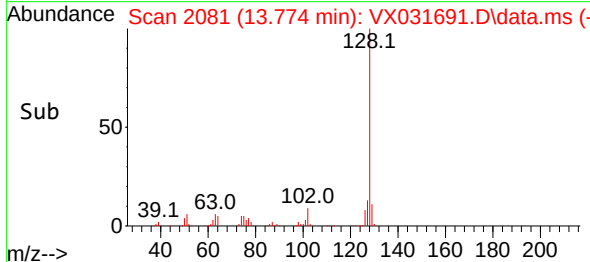
Instrument :
MSVOA_X
ClientSampleId :
VX0927WBS01



Tgt Ion:128 Resp: 122090
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.163 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031691.D
Acq: 27 Sep 2022 10:29

Tgt Ion:180 Resp: 36390
Ion Ratio Lower Upper
180 100
182 93.6 47.9 143.8
145 32.2 17.6 52.8

