

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033462.D
 Acq On : 16 Dec 2022 15:47
 Operator : JC/MD
 Sample : VX1216WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS02

Quant Time: Dec 17 08:09:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39873	45.149	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.300%		
35) Dibromofluoromethane	5.385	113	45323	47.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.580%		
50) Toluene-d8	8.647	98	98313	49.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	81120	52.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18577	19.318	ug/l	99
3) Chloromethane	1.294	50	18741	16.856	ug/l	98
4) Vinyl Chloride	1.374	62	22586	17.791	ug/l	99
5) Bromomethane	1.617	94	15943	17.113	ug/l	97
6) Chloroethane	1.691	64	14060	14.601	ug/l	98
7) Trichlorofluoromethane	1.892	101	34429	14.445	ug/l	98
8) Diethyl Ether	2.130	74	12288	14.274	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	26789	21.189	ug/l	99
10) Methyl Iodide	2.453	142	26937	19.453	ug/l	98
11) Tert butyl alcohol	2.983	59	21534m	79.755	ug/l	
12) 1,1-Dichloroethene	2.319	96	24001	19.232	ug/l	98
13) Acrolein	2.239	56	16856	57.562	ug/l	100
14) Allyl chloride	2.666	41	36759	18.444	ug/l	95
15) Acrylonitrile	3.062	53	61283	91.627	ug/l	99
16) Acetone	2.386	43	57578	88.108	ug/l	99
17) Carbon Disulfide	2.514	76	52725	16.461	ug/l	99
18) Methyl Acetate	2.703	43	36758	19.430	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	84373	19.518	ug/l	99
20) Methylene Chloride	2.794	84	27374	18.783	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	25986	19.035	ug/l	99
22) Diisopropyl ether	3.757	45	82580	19.340	ug/l	92
23) Vinyl Acetate	3.721	43	314775	94.976	ug/l	97
24) 1,1-Dichloroethane	3.611	63	47541	18.949	ug/l	99
25) 2-Butanone	4.556	43	87085	92.837	ug/l	99
26) 2,2-Dichloropropane	4.477	77	37957	20.573	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	31751	19.461	ug/l	97
28) Bromochloromethane	4.897	49	19957	19.002	ug/l	94
29) Tetrahydrofuran	5.007	42	55184	90.799	ug/l	98
30) Chloroform	5.092	83	54783	19.669	ug/l	98
31) Cyclohexane	5.470	56	41335	19.694	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	48975	20.436	ug/l	98
36) 1,1-Dichloropropene	5.690	75	38267	20.481	ug/l	99
37) Ethyl Acetate	4.715	43	32947	18.654	ug/l	97
38) Carbon Tetrachloride	5.678	117	43027	20.554	ug/l	92
39) Methylcyclohexane	7.379	83	44140	21.106	ug/l	98
40) Benzene	6.037	78	109059	20.019	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033462.D
 Acq On : 16 Dec 2022 15:47
 Operator : JC/MD
 Sample : VX1216WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:09:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19235	19.764	ug/l	97
42) 1,2-Dichloroethane	6.080	62	43644	20.175	ug/l	98
43) Isopropyl Acetate	6.336	43	55481	19.523	ug/l	98
44) Trichloroethene	7.129	130	31898	21.237	ug/l	94
45) 1,2-Dichloropropane	7.427	63	28199	20.240	ug/l	100
46) Dibromomethane	7.580	93	21355	20.121	ug/l	97
47) Bromodichloromethane	7.824	83	41553	20.085	ug/l	97
48) Methyl methacrylate	7.690	41	28416	19.375	ug/l	94
49) 1,4-Dioxane	7.696	88	11623	347.533	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	182978	101.818	ug/l	98
52) Toluene	8.720	92	74813	21.240	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	39631	19.444	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	44556	20.239	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	30810	20.809	ug/l	98
56) Ethyl methacrylate	9.116	69	42980	20.618	ug/l	93
57) 1,3-Dichloropropane	9.305	76	49413	20.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	98095	102.843	ug/l	98
59) 2-Hexanone	9.427	43	138598	104.654	ug/l	96
60) Dibromochloromethane	9.519	129	32835	20.128	ug/l	99
61) 1,2-Dibromoethane	9.610	107	32681	20.751	ug/l	99
64) Tetrachloroethene	9.275	164	28288	20.611	ug/l	97
65) Chlorobenzene	10.079	112	84180	20.711	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	30943	20.146	ug/l	99
67) Ethyl Benzene	10.195	91	148742	21.006	ug/l	100
68) m/p-Xylenes	10.299	106	118403	42.979	ug/l	96
69) o-Xylene	10.640	106	56825	20.868	ug/l	98
70) Styrene	10.652	104	94666	21.227	ug/l	99
71) Bromoform	10.799	173	23214	19.094	ug/l #	98
73) Isopropylbenzene	10.963	105	153751	20.798	ug/l	100
74) N-amyl acetate	10.841	43	49407	19.589	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	46323	19.752	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41292m	19.899	ug/l	
77) Bromobenzene	11.195	156	37934	20.321	ug/l	97
78) n-propylbenzene	11.305	91	172618	20.912	ug/l	99
79) 2-Chlorotoluene	11.366	91	104336	20.453	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	128704	20.915	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11010	16.505	ug/l	94
82) 4-Chlorotoluene	11.457	91	120785	20.362	ug/l	98
83) tert-Butylbenzene	11.713	119	125799	20.500	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	127856	20.815	ug/l	99
85) sec-Butylbenzene	11.890	105	153448	21.433	ug/l	100
86) p-Isopropyltoluene	12.012	119	132866	21.525	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	70610	20.881	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	70370	20.373	ug/l	100
89) n-Butylbenzene	12.335	91	108302	21.422	ug/l	99
90) Hexachloroethane	12.536	117	20280	19.329	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	69961	20.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9125	18.013	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	42926	21.023	ug/l	97
94) Hexachlorobutadiene	13.725	225	18620	22.773	ug/l	96
95) Naphthalene	13.774	128	140305	20.600	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42446	20.526	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
Data File : VX033462.D
Acq On : 16 Dec 2022 15:47
Operator : JC/MD
Sample : VX1216WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:09:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

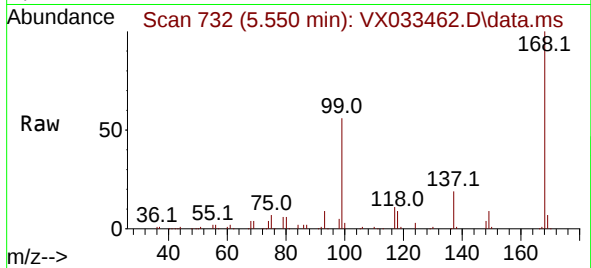
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

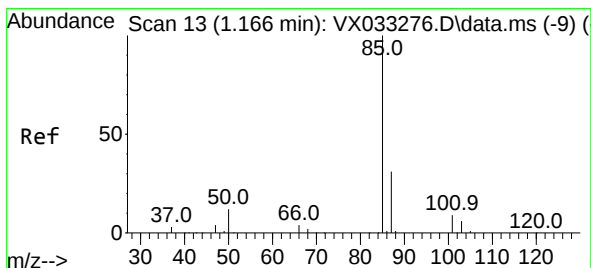
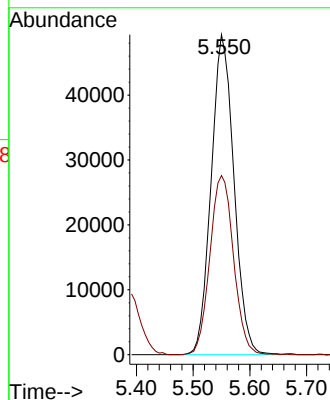
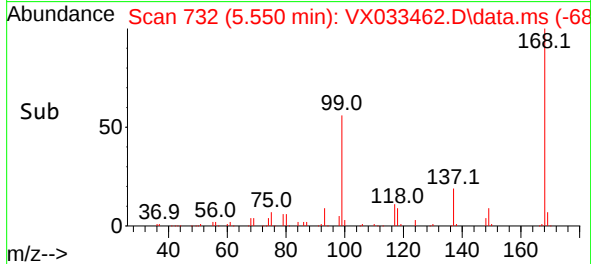
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion:168 Resp: 137660
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1

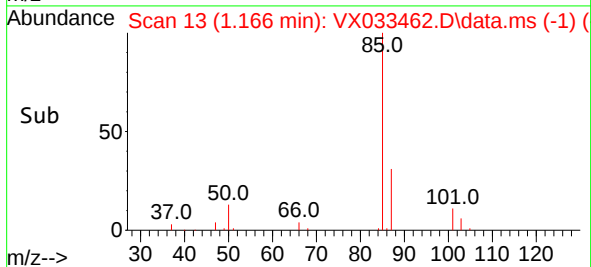
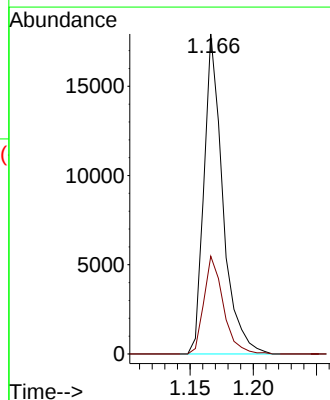
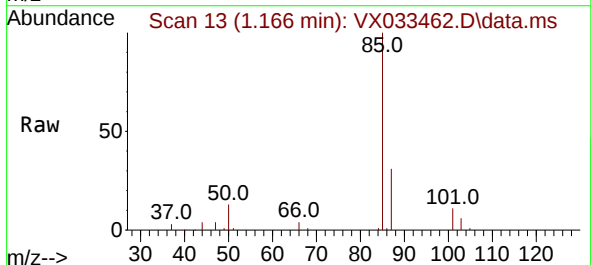
Manual Integrations
APPROVED

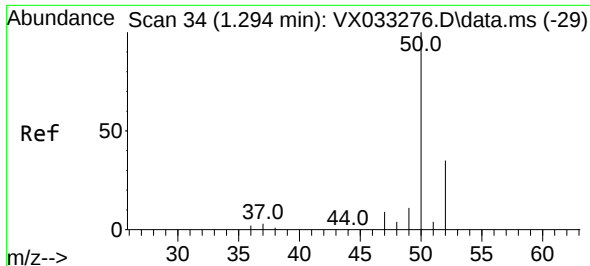
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#2
Dichlorodifluoromethane
Concen: 19.318 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

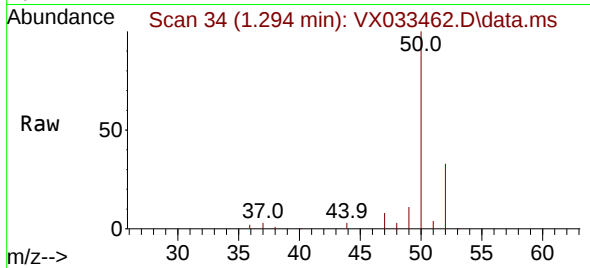
Tgt Ion: 85 Resp: 18577
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.7





#3
Chloromethane
Concen: 16.856 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

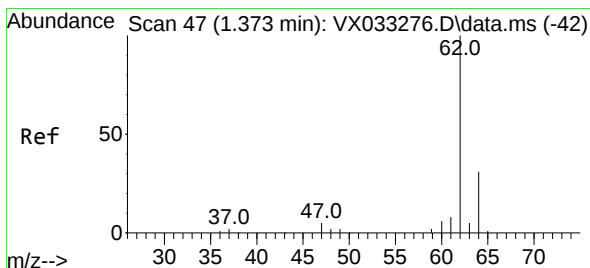
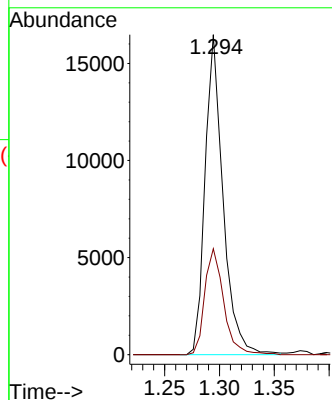
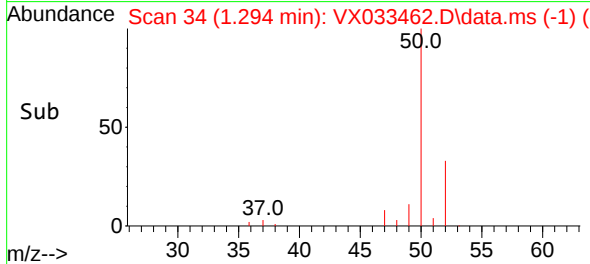
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



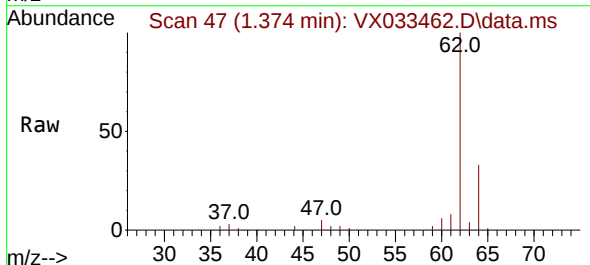
Tgt Ion: 50 Resp: 1874
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

Manual Integrations
APPROVED

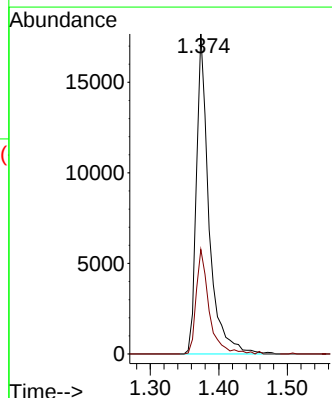
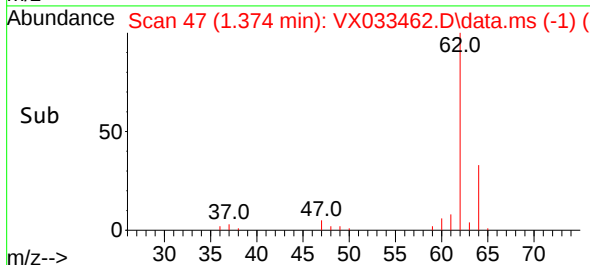
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

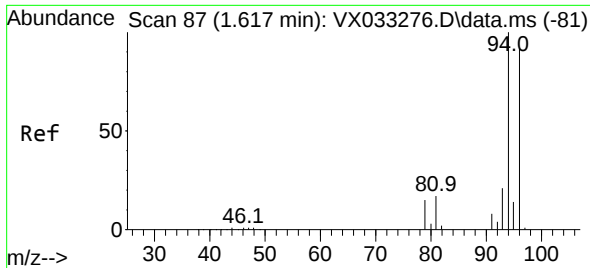


#4
Vinyl Chloride
Concen: 17.791 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



Tgt Ion: 62 Resp: 22586
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6





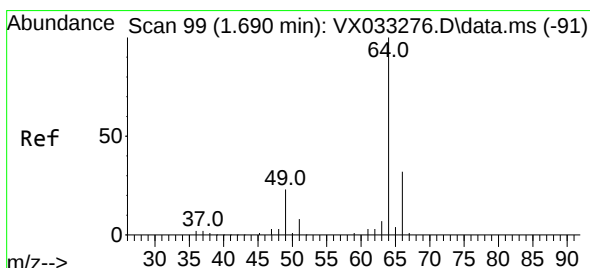
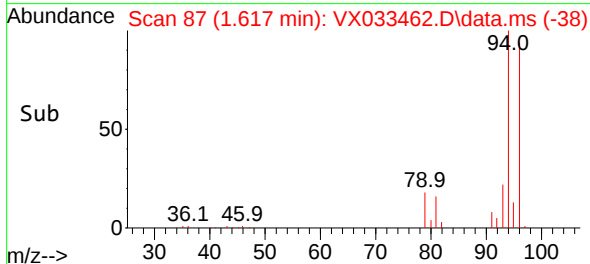
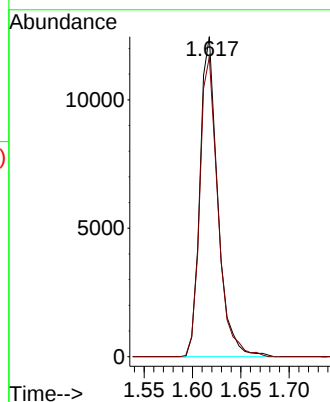
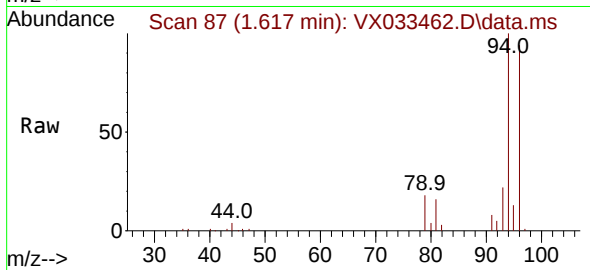
#5
Bromomethane
Concen: 17.113 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion: 94 Resp: 1594
Ion Ratio Lower Upper
94 100
96 93.7 77.6 116.4

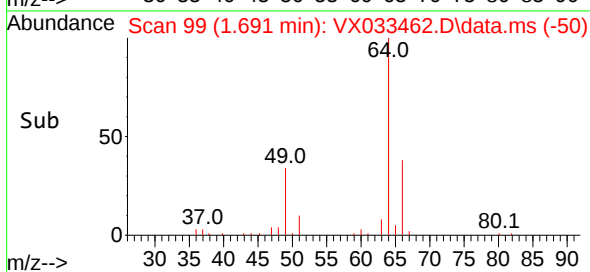
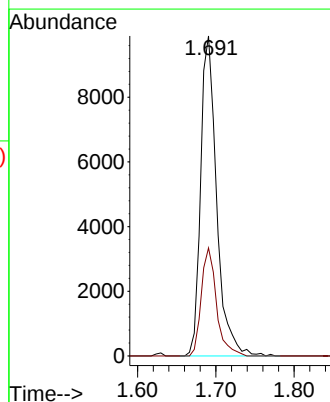
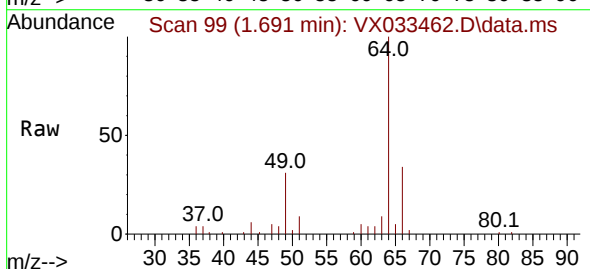
Manual Integrations
APPROVED

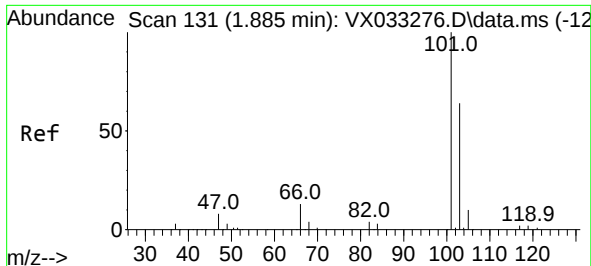
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#6
Chloroethane
Concen: 14.601 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

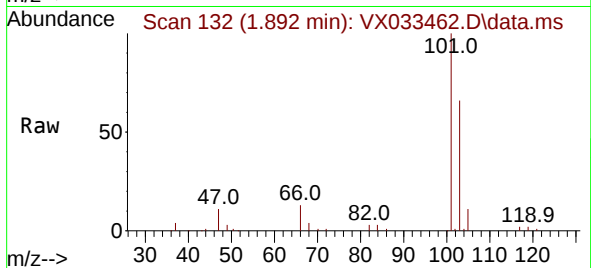
Tgt Ion: 64 Resp: 14060
Ion Ratio Lower Upper
64 100
66 33.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 14.445 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

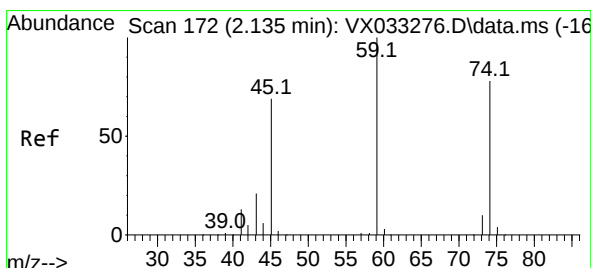
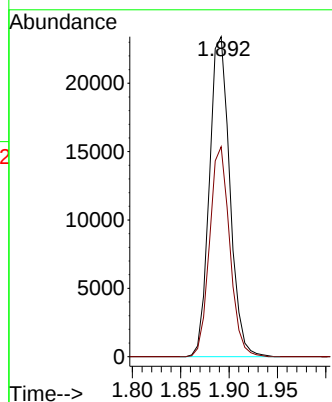
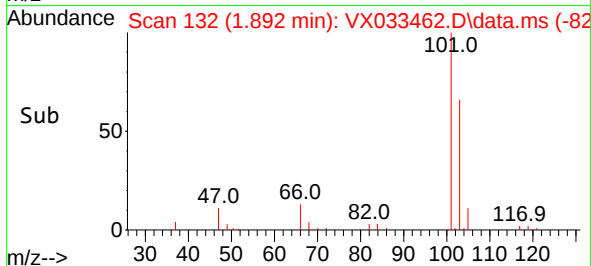
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion:101 Resp: 34429
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

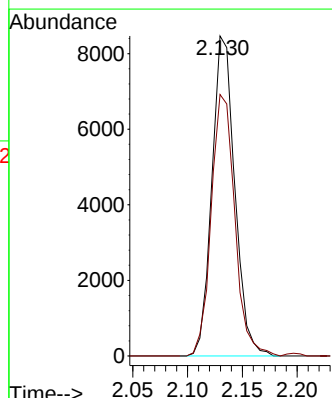
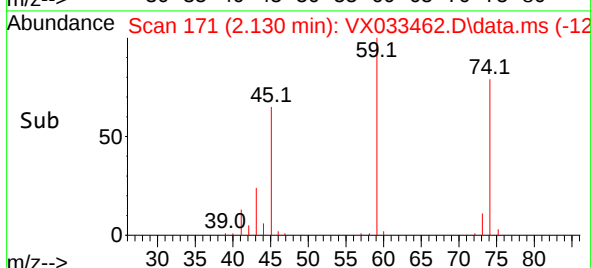
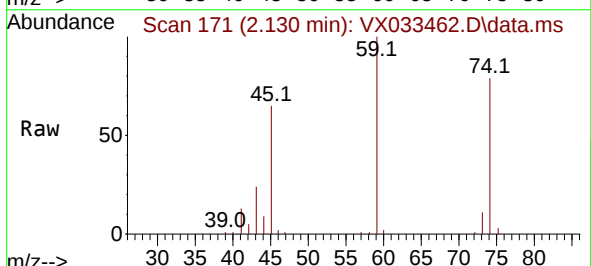
Manual Integrations
APPROVED

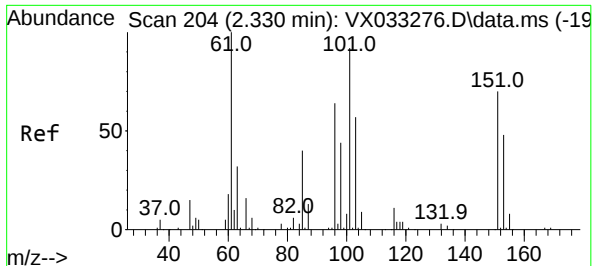
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#8
Diethyl Ether
Concen: 14.274 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion: 74 Resp: 12288
Ion Ratio Lower Upper
74 100
45 84.3 46.6 139.7





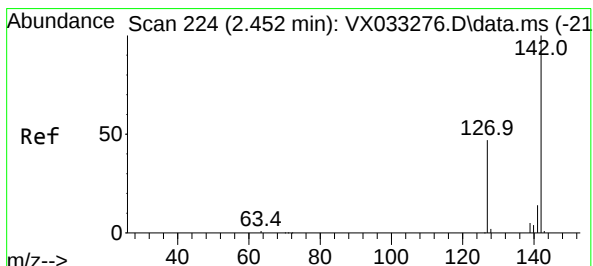
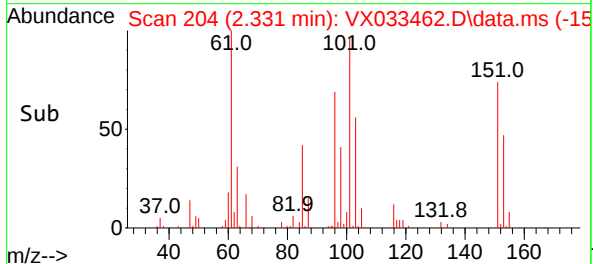
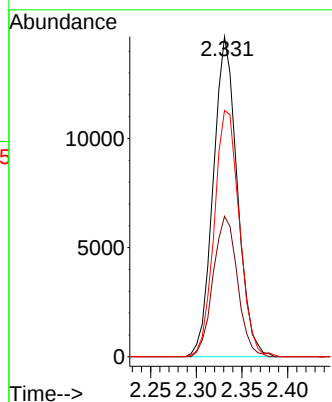
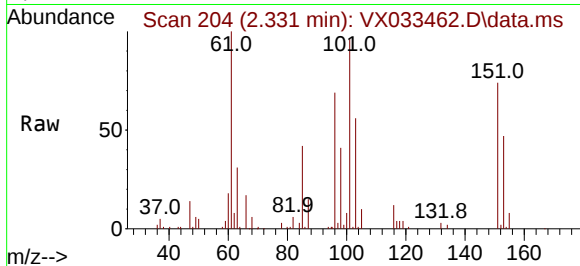
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.189 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion:101 Resp: 26789
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.4
151 80.5 64.4 96.6

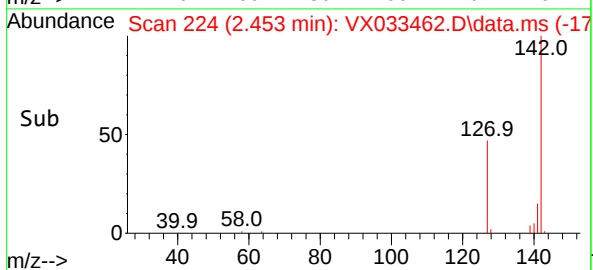
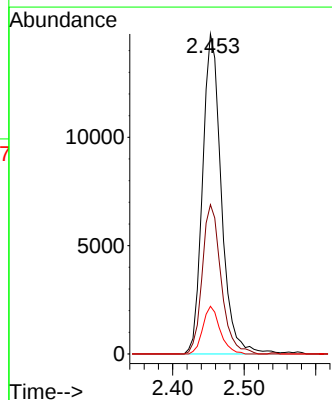
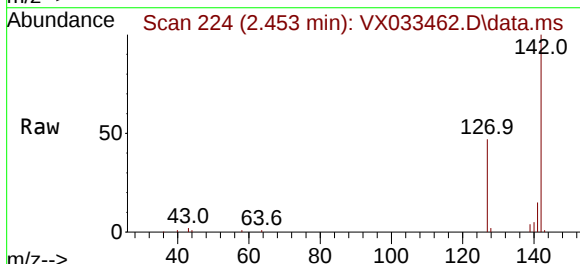
Manual Integrations
APPROVED

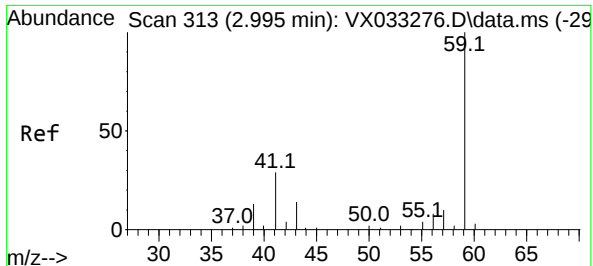
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#10
Methyl Iodide
Concen: 19.453 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

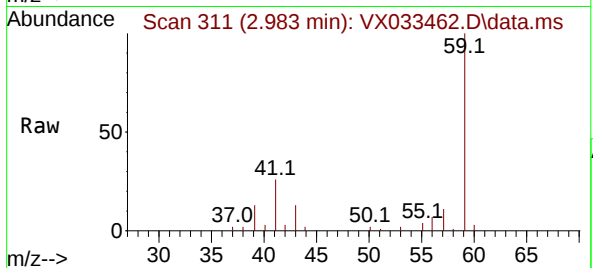
Tgt Ion:142 Resp: 26937
Ion Ratio Lower Upper
142 100
127 46.9 38.6 57.8
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 79.755 ug/l m
RT: 2.983 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

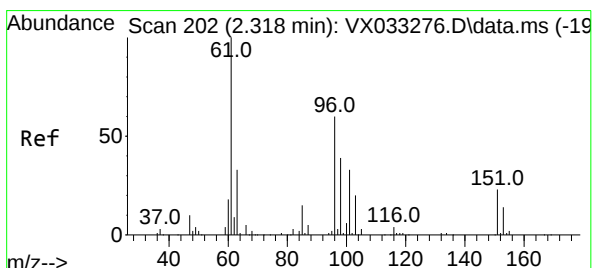
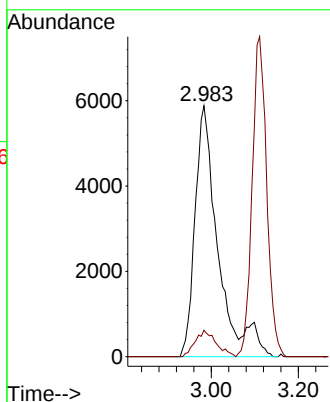
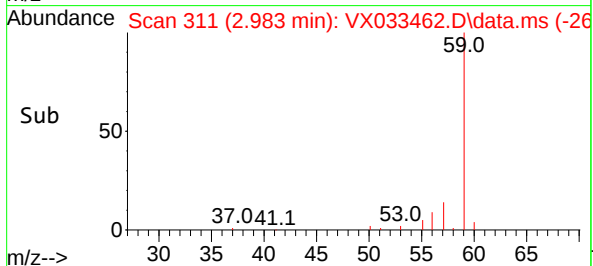
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion: 59 Resp: 21534
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

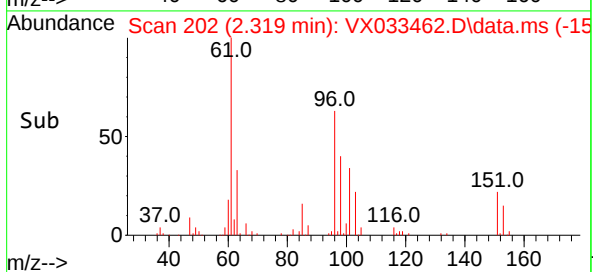
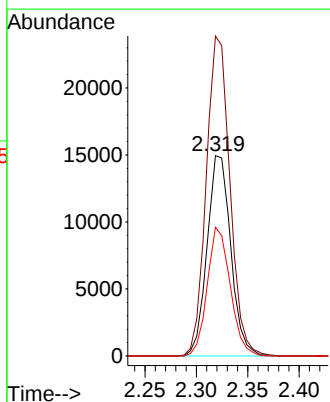
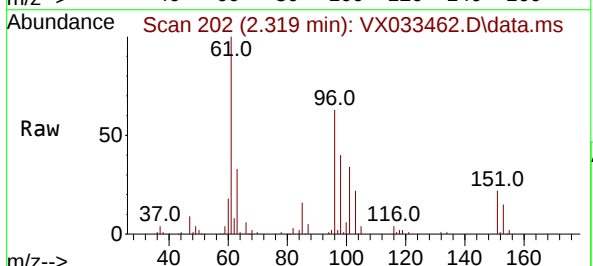
Manual Integrations
APPROVED

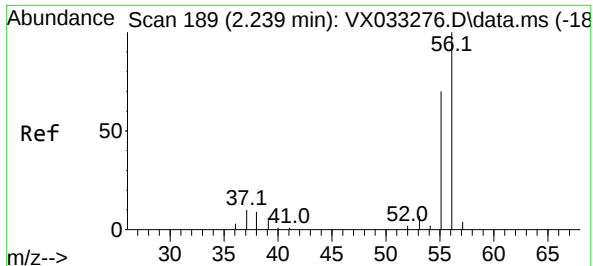
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#12
1,1-Dichloroethene
Concen: 19.232 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

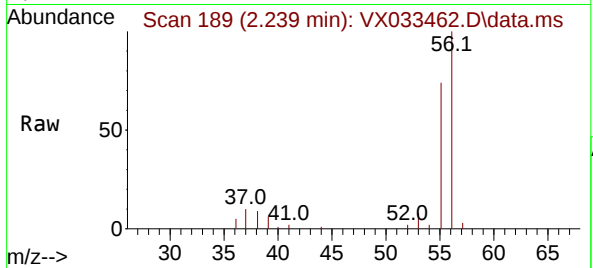
Tgt Ion: 96 Resp: 24001
Ion Ratio Lower Upper
96 100
61 159.7 125.1 187.7
98 64.3 50.6 76.0





#13
Acrolein
Concen: 57.562 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

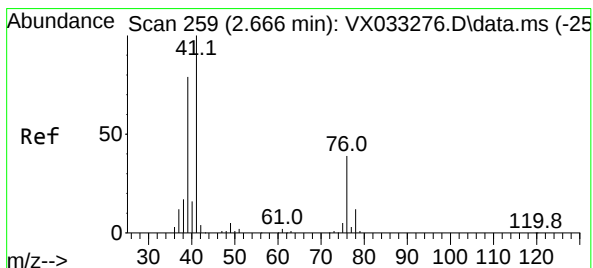
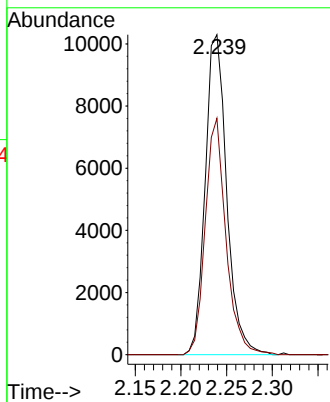
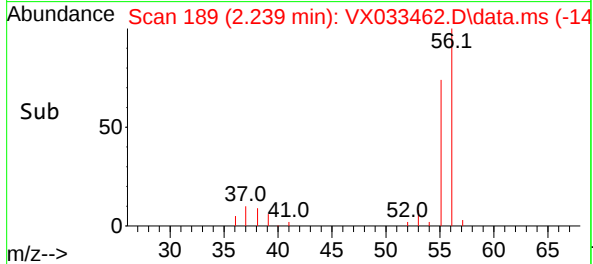
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



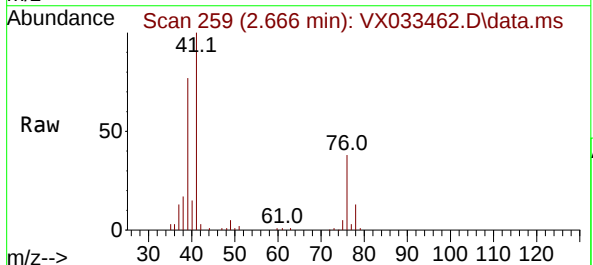
Tgt Ion: 56 Resp: 16850
Ion Ratio Lower Upper
56 100
55 71.3 56.9 85.3

Manual Integrations
APPROVED

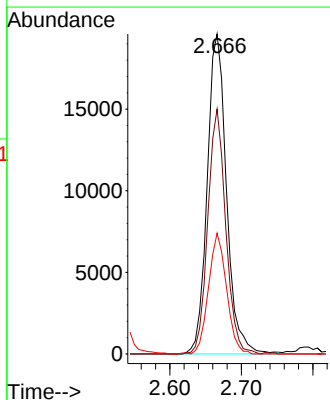
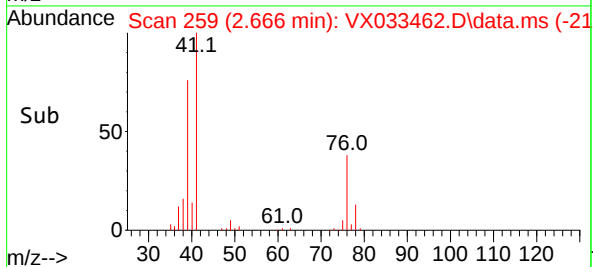
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

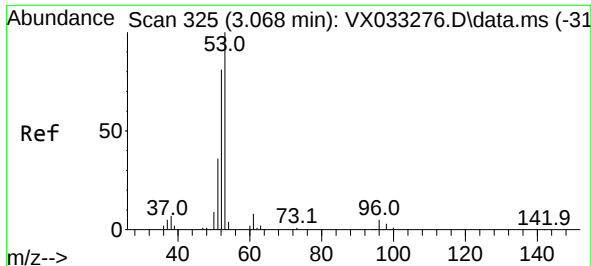


#14
Allyl chloride
Concen: 18.444 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



Tgt Ion: 41 Resp: 36759
Ion Ratio Lower Upper
41 100
39 71.1 61.4 92.2
76 35.3 29.2 43.8





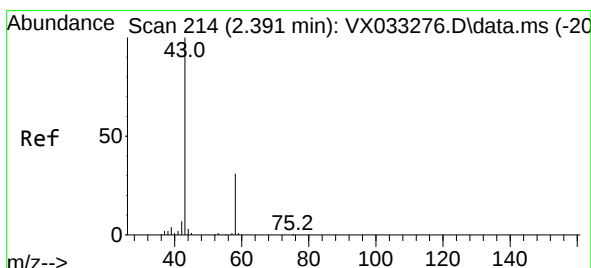
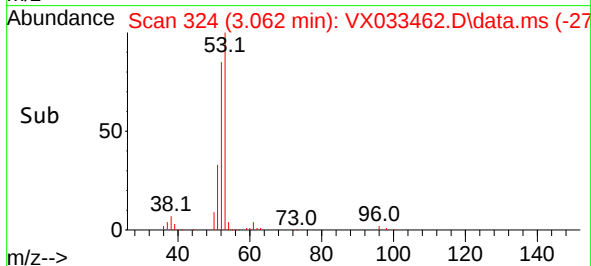
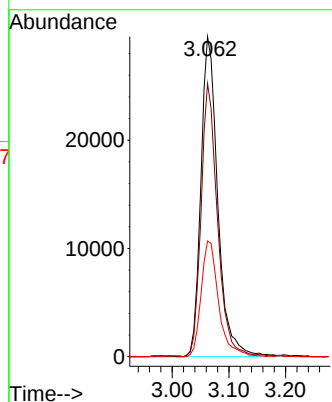
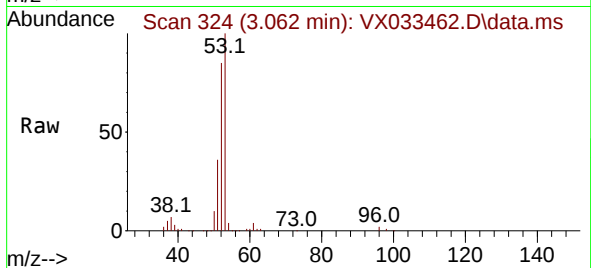
#15
Acrylonitrile
Concen: 91.627 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion: 53 Resp: 6128
Ion Ratio Lower Upper
53 100
52 83.0 67.4 101.0
51 37.3 30.3 45.5

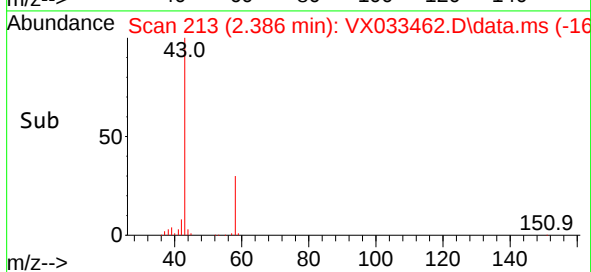
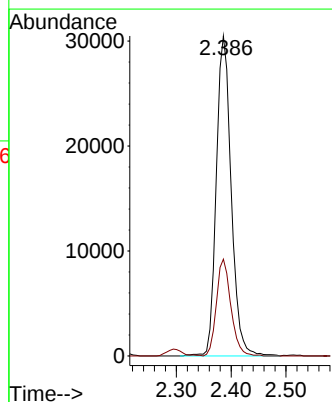
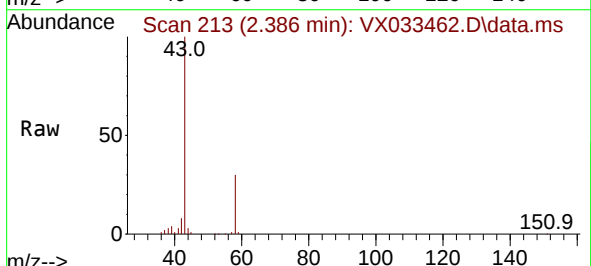
Manual Integrations
APPROVED

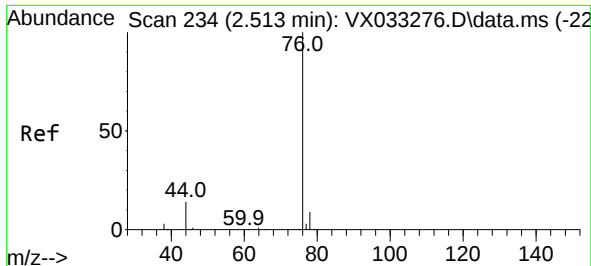
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Acetone
Concen: 88.108 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion: 43 Resp: 57578
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.8





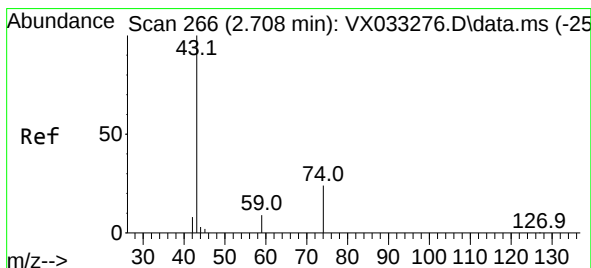
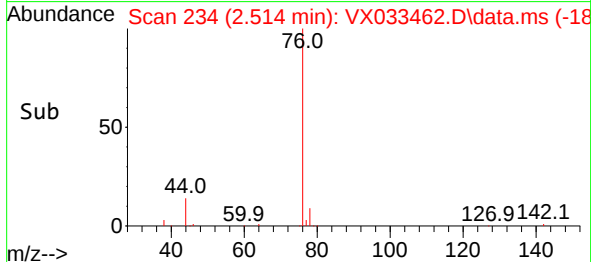
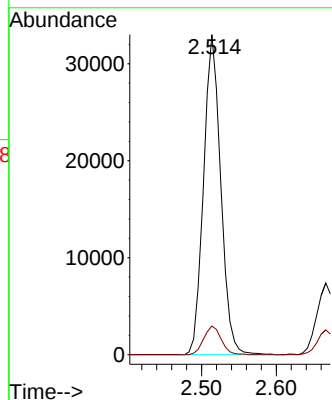
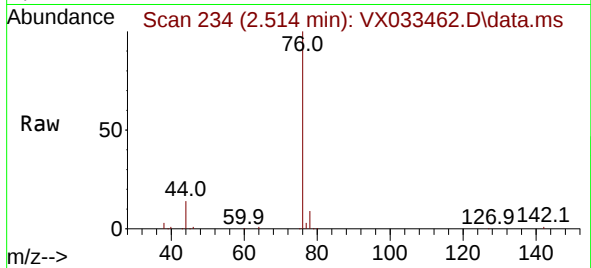
#17
Carbon Disulfide
Concen: 16.461 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion: 76 Resp: 52725
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

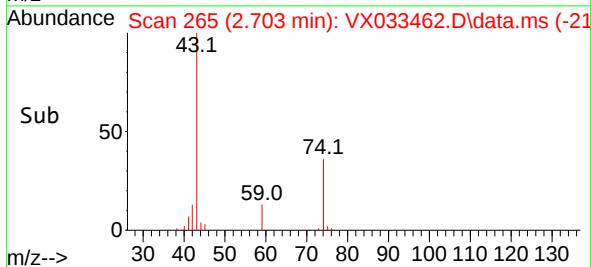
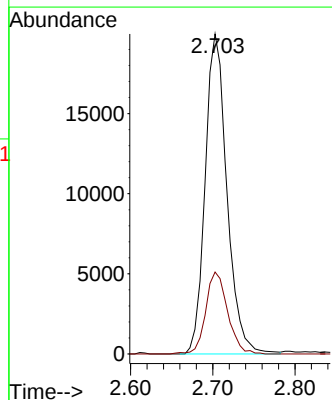
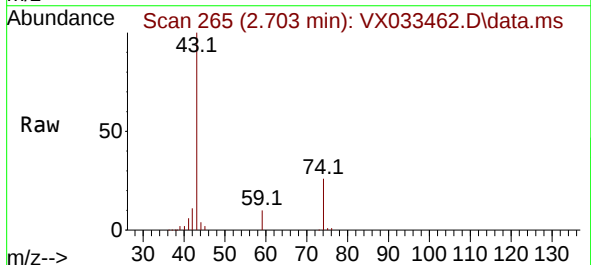
Manual Integrations
APPROVED

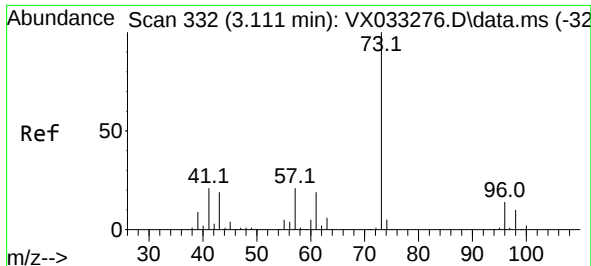
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#18
Methyl Acetate
Concen: 19.430 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion: 43 Resp: 36758
Ion Ratio Lower Upper
43 100
74 25.7 19.4 29.0





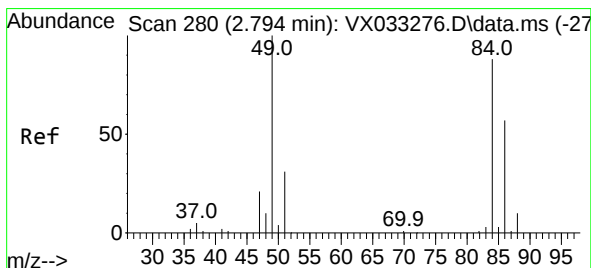
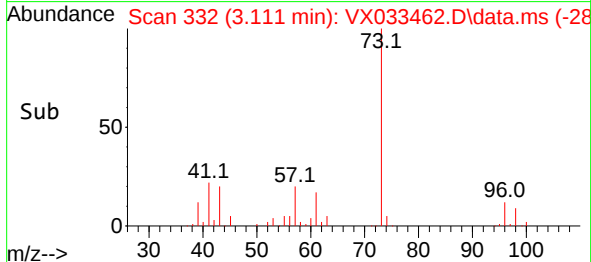
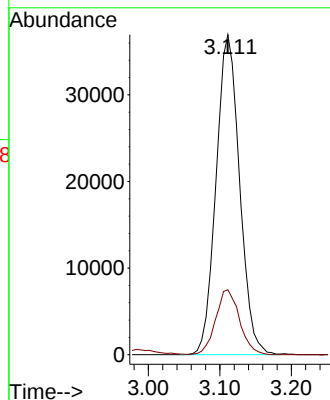
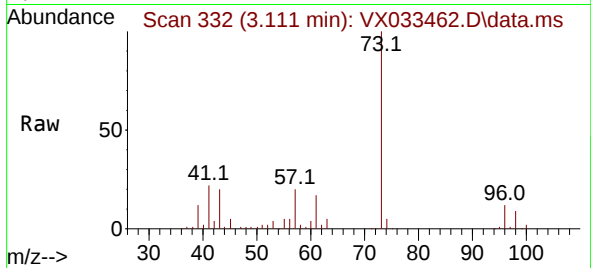
#19
Methyl tert-butyl Ether
Concen: 19.518 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion: 73 Resp: 8437
Ion Ratio Lower Upper
73 100
57 20.3 16.6 25.0

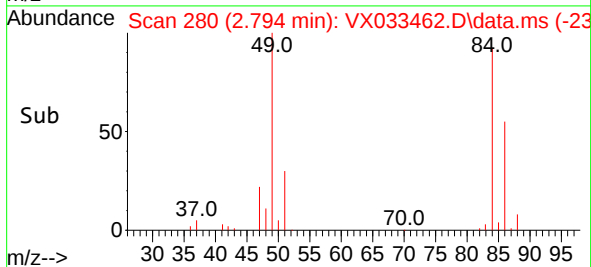
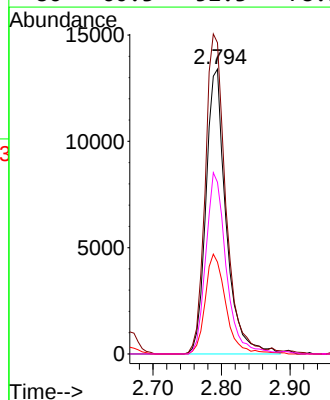
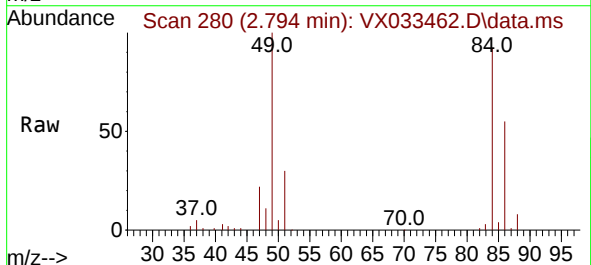
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#20
Methylene Chloride
Concen: 18.783 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

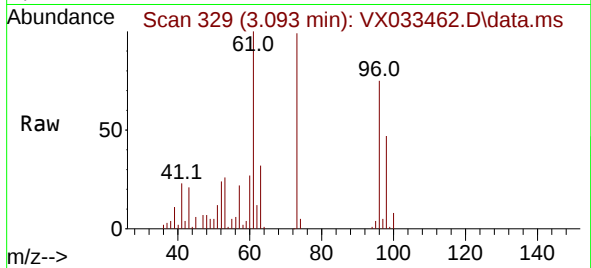
Tgt Ion: 84 Resp: 27374
Ion Ratio Lower Upper
84 100
49 109.3 101.0 151.6
51 32.3 31.1 46.7
86 60.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 19.035 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

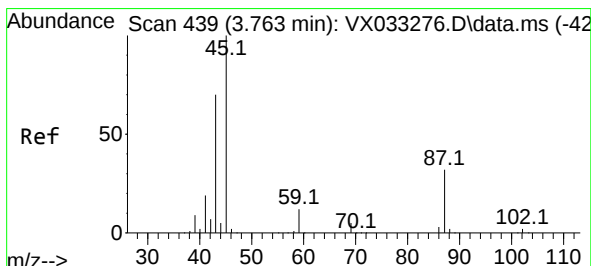
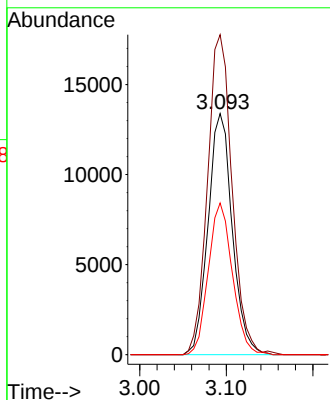
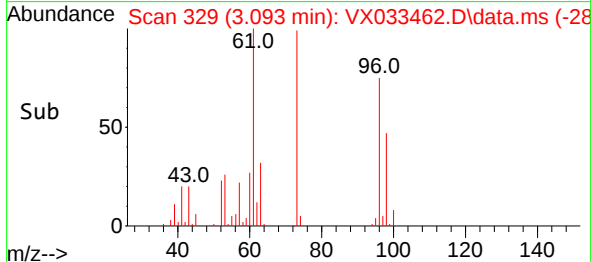
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



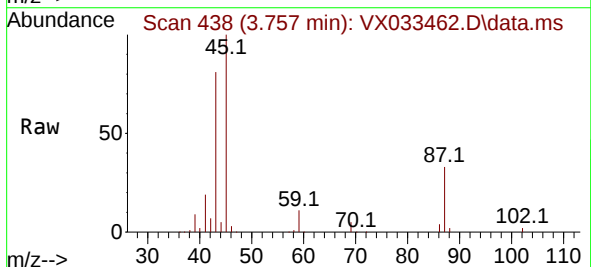
Tgt Ion: 96 Resp: 25980
Ion Ratio Lower Upper
96 100
61 132.7 106.6 160.0
98 62.9 51.0 76.6

Manual Integrations
APPROVED

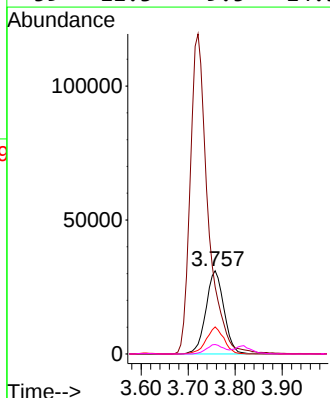
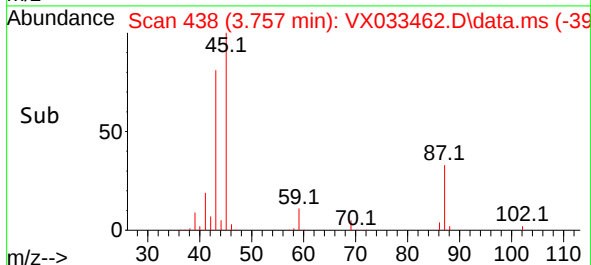
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

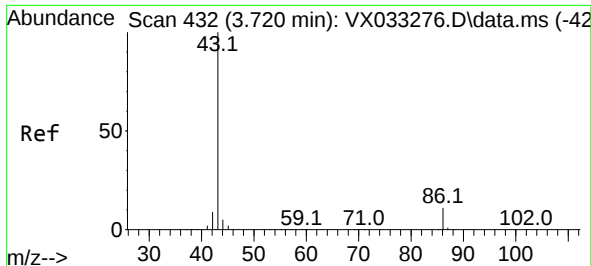


#22
Diisopropyl ether
Concen: 19.340 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



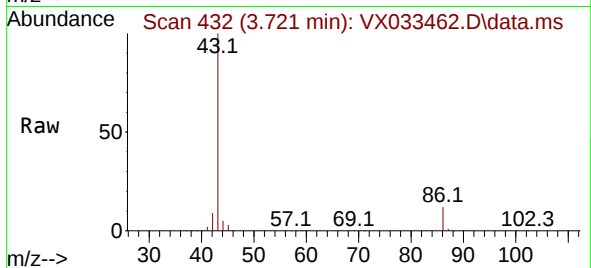
Tgt Ion: 45 Resp: 82580
Ion Ratio Lower Upper
45 100
43 79.8 56.4 84.6
87 32.5 24.4 36.6
59 11.3 9.5 14.3





#23
 Vinyl Acetate
 Concen: 94.976 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033462.D
 Acq: 16 Dec 2022 15:47

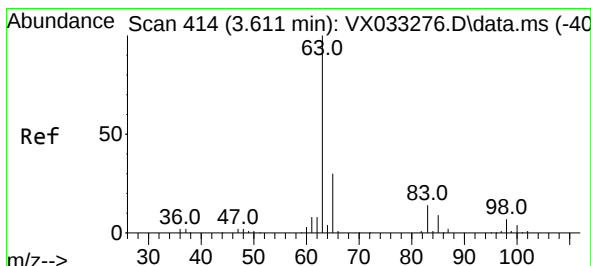
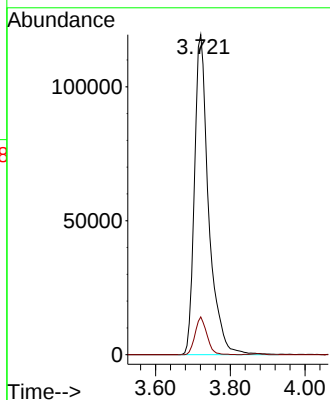
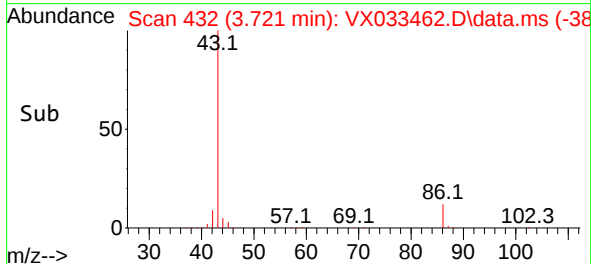
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS02



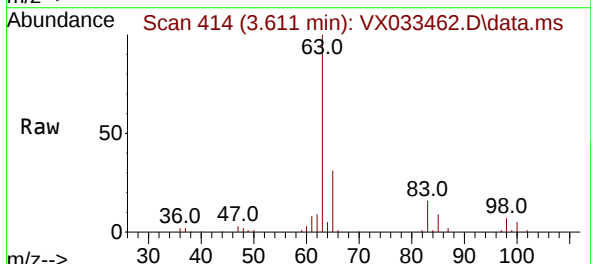
Tgt Ion: 43 Resp: 314775
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 12.8

Manual Integrations
 APPROVED

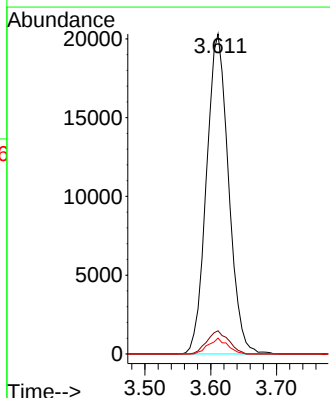
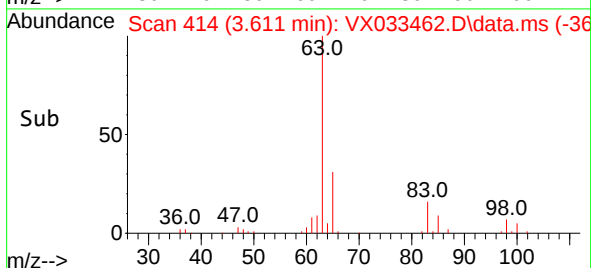
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

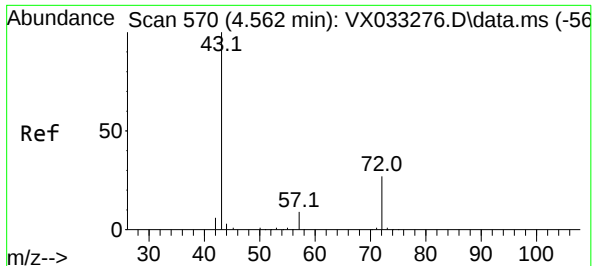


#24
 1,1-Dichloroethane
 Concen: 18.949 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033462.D
 Acq: 16 Dec 2022 15:47



Tgt Ion: 63 Resp: 47541
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 92.837 ug/l

RT: 4.556 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

Tgt Ion: 43 Resp: 8708

Ion Ratio Lower Upper

43 100

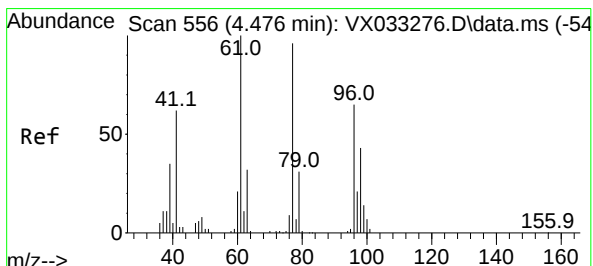
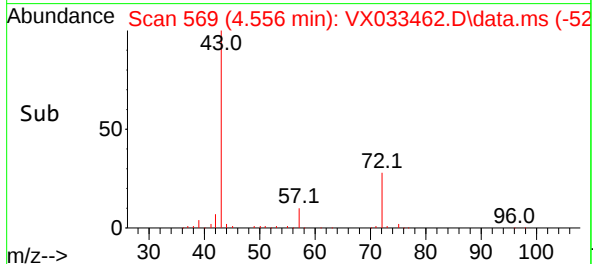
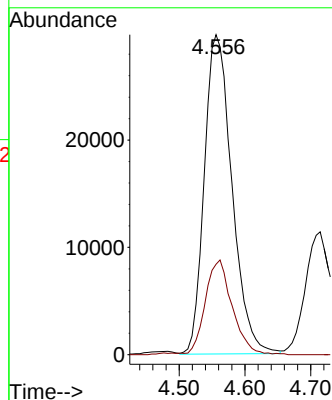
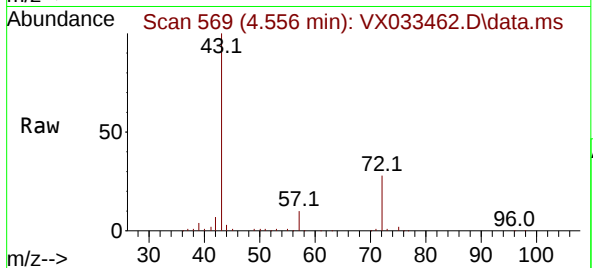
72 28.1 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#26

2,2-Dichloropropane

Concen: 20.573 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033462.D

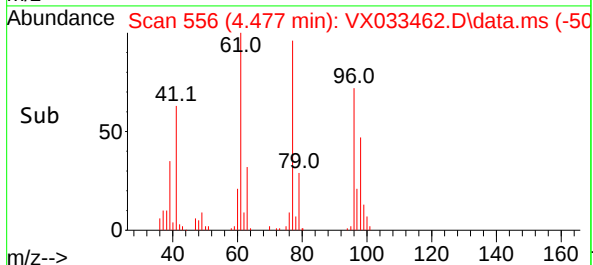
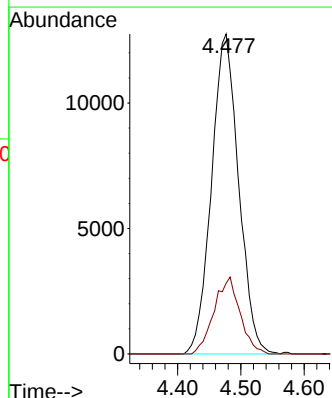
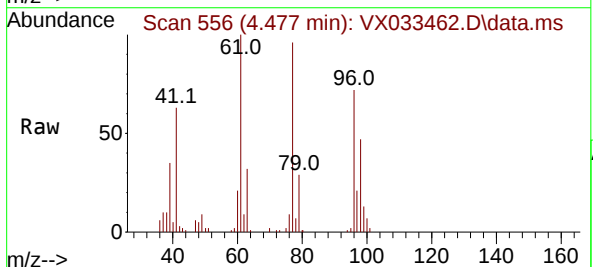
Acq: 16 Dec 2022 15:47

Tgt Ion: 77 Resp: 37957

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.461 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

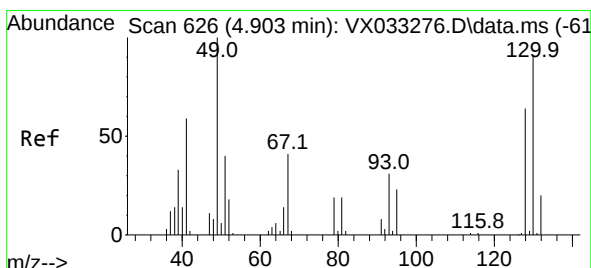
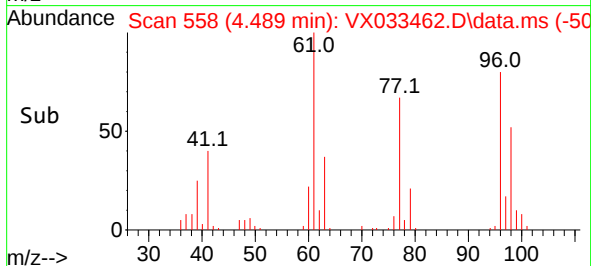
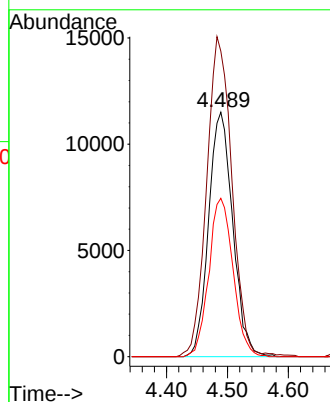
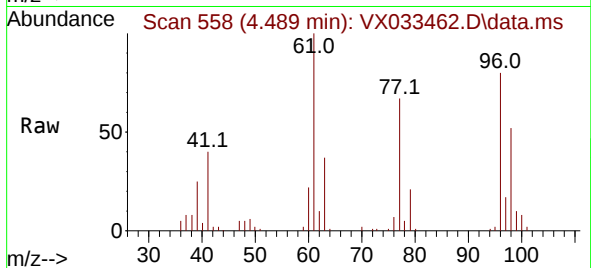
Tgt Ion: 96	Resp: 3175
Ion Ratio	Lower Upper
96 100	
61 137.2	0.0 286.0
98 64.8	0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#28

Bromochloromethane

Concen: 19.002 ug/l

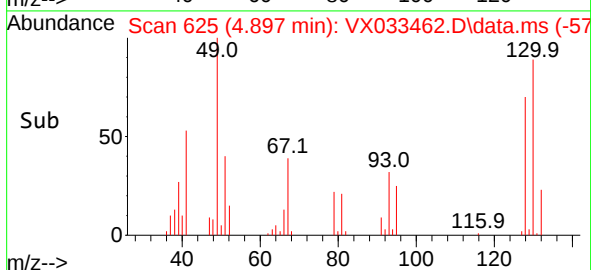
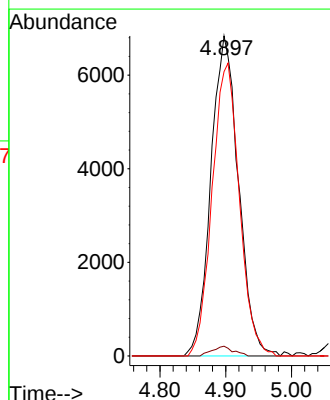
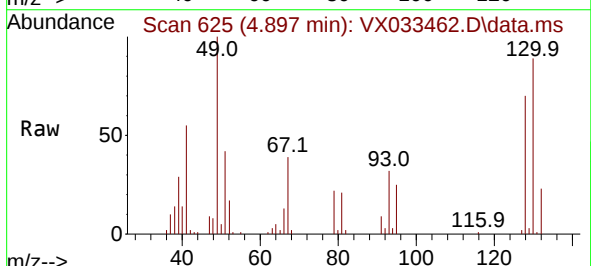
RT: 4.897 min Scan# 625

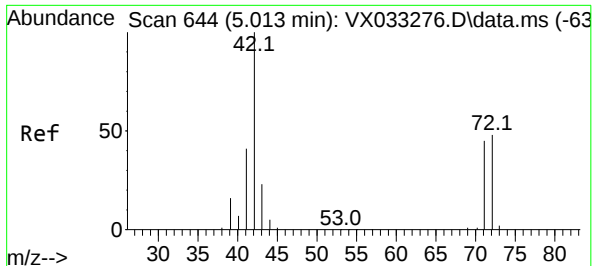
Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Tgt Ion: 49	Resp: 19957
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 3.8
130 90.3	67.5 101.3





#29

Tetrahydrofuran

Concen: 90.799 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

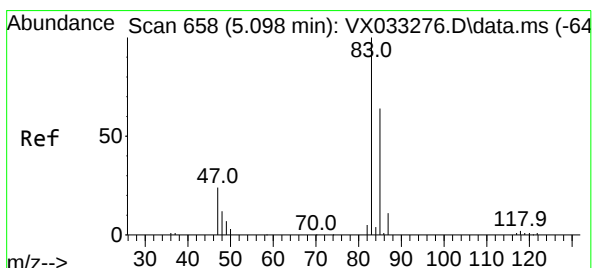
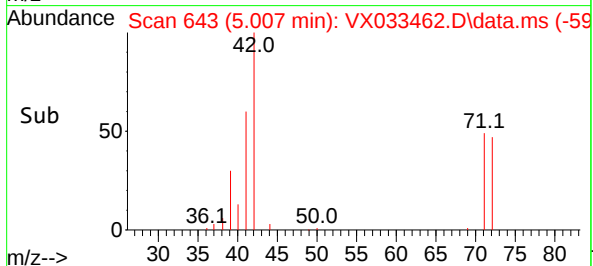
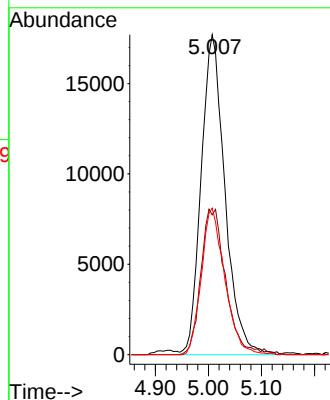
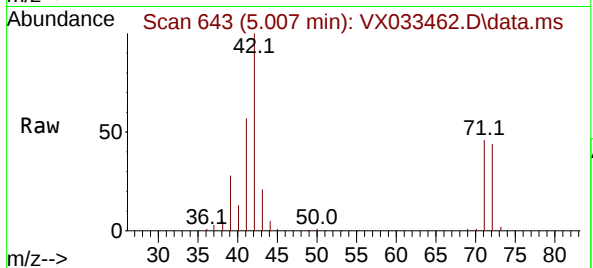
Tgt Ion:	42	Resp:	55184
Ion	Ratio	Lower	Upper
42	100		
72	47.7	37.6	56.4
71	45.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 19.669 ug/l

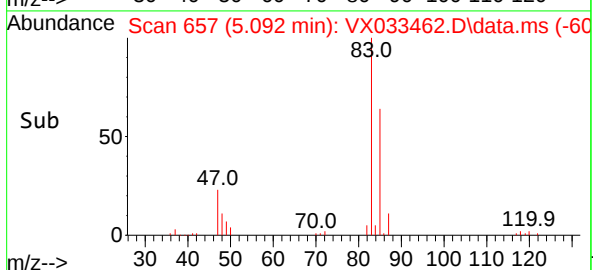
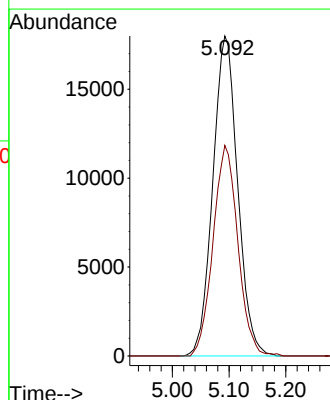
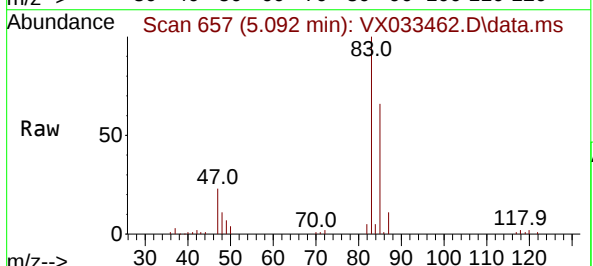
RT: 5.092 min Scan# 657

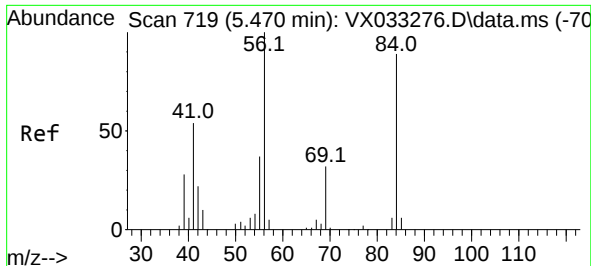
Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

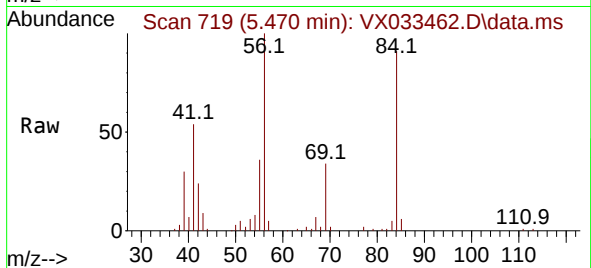
Tgt Ion:	83	Resp:	54783
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.1	76.7





#31
Cyclohexane
Concen: 19.694 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

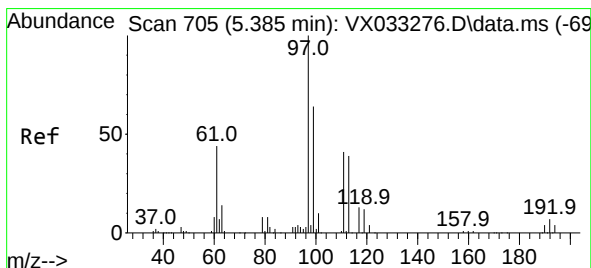
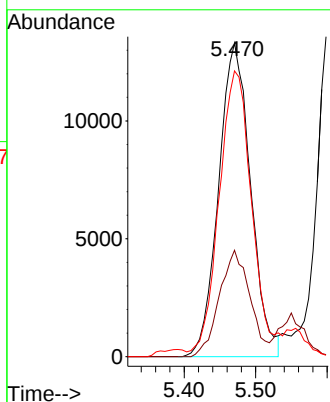
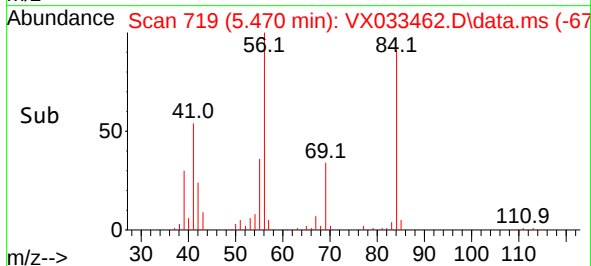
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



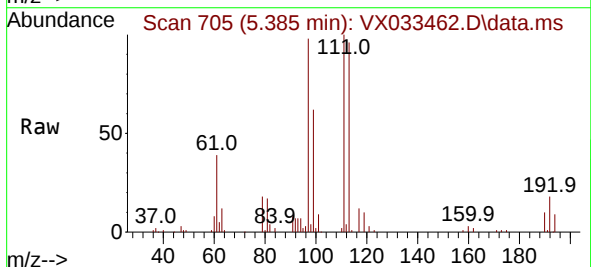
Tgt Ion: 56 Resp: 4133
Ion Ratio Lower Upper
56 100
69 34.0 24.1 36.1
84 88.9 66.9 100.3

Manual Integrations
APPROVED

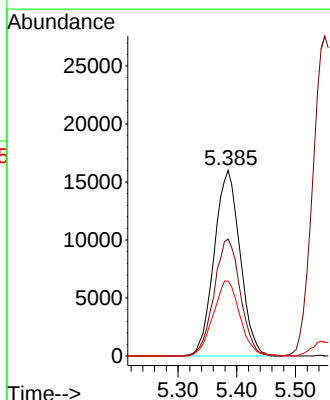
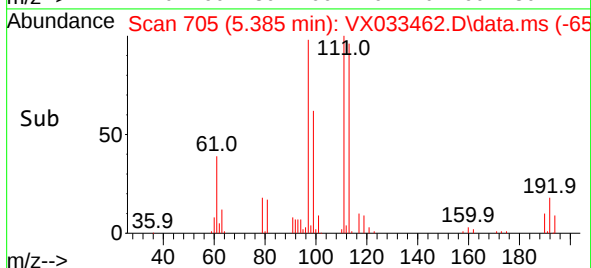
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

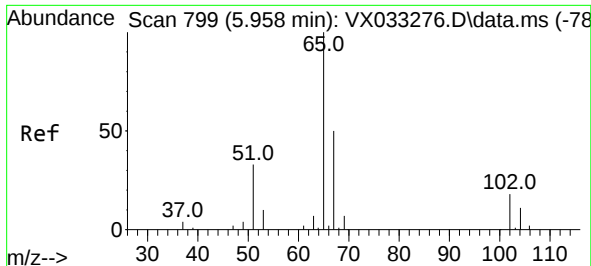


#32
1,1,1-Trichloroethane
Concen: 20.436 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



Tgt Ion: 97 Resp: 48975
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 41.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.149 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

Tgt Ion: 65 Resp: 3987

Ion Ratio Lower Upper

65 100

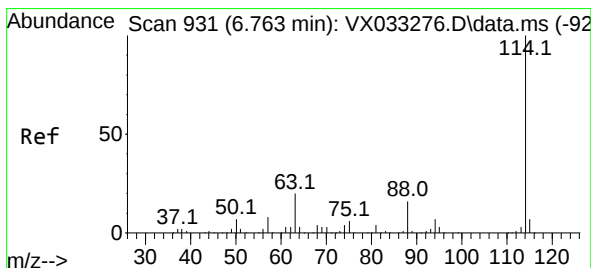
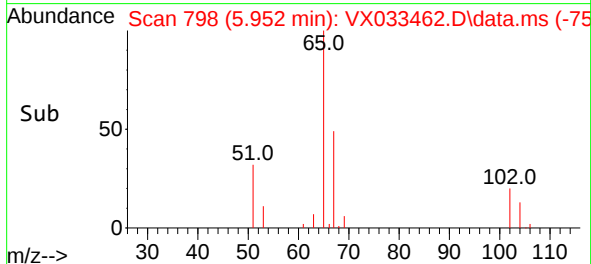
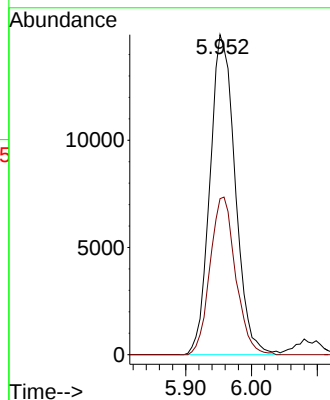
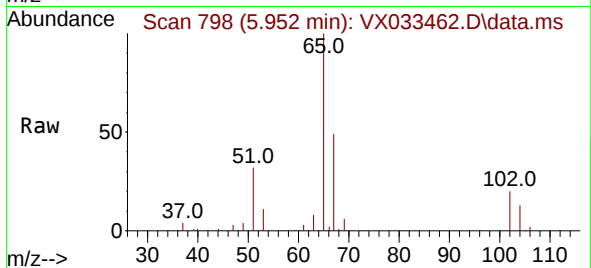
67 49.7 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

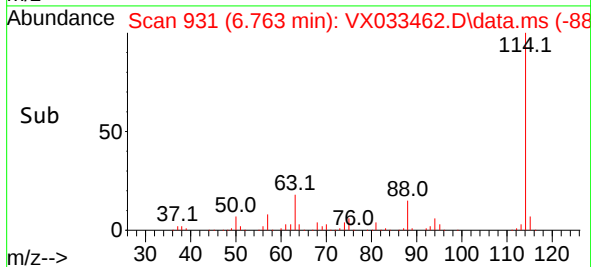
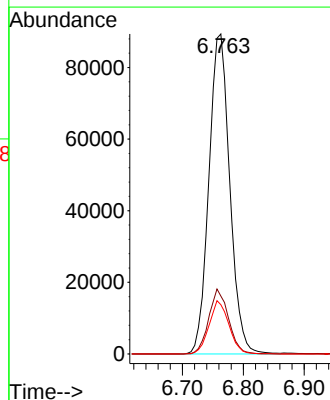
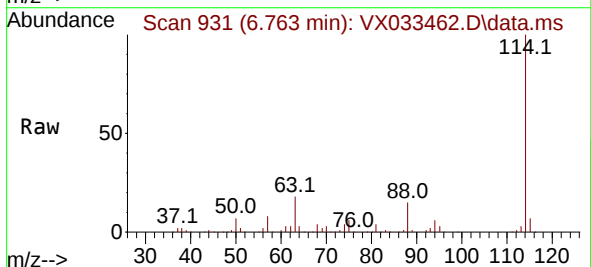
Tgt Ion:114 Resp: 213064

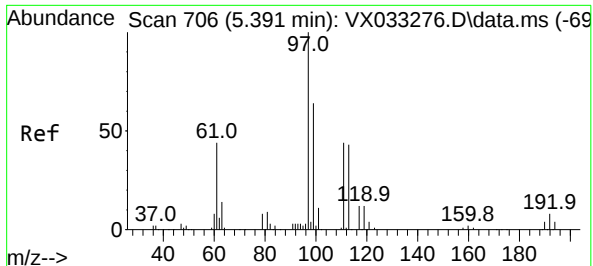
Ion Ratio Lower Upper

114 100

63 18.1 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.294 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

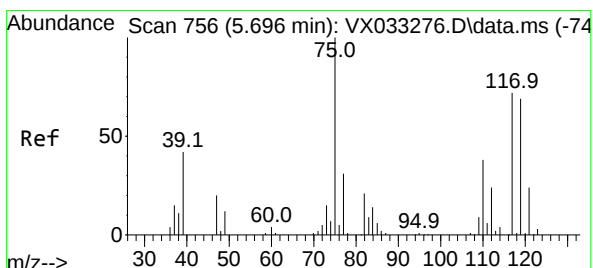
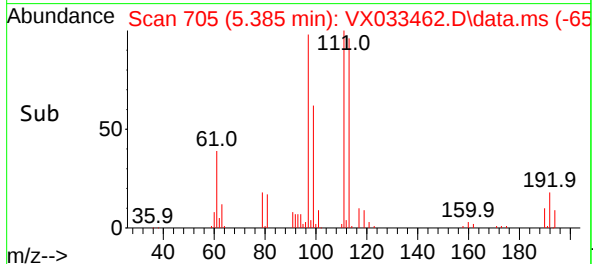
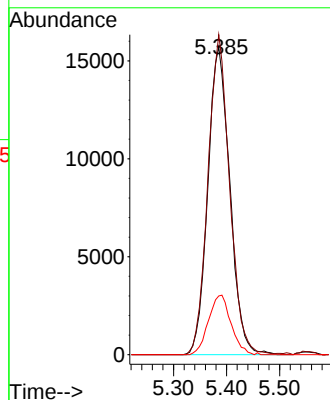
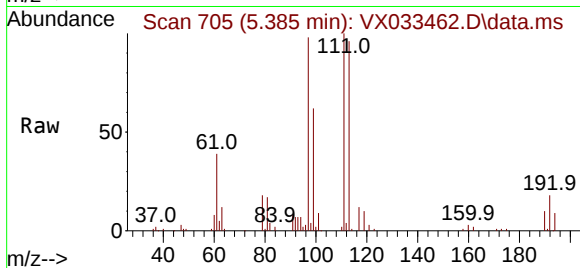
Tgt Ion:	113	Resp:	4532
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.4	123.6
192	19.8	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#36

1,1-Dichloropropene

Concen: 20.481 ug/l

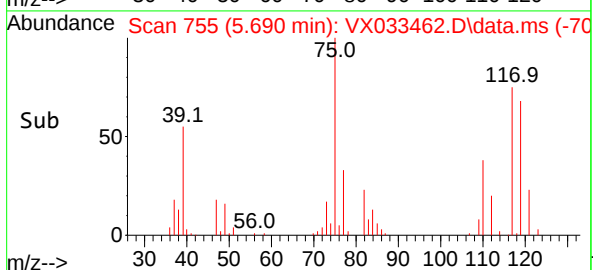
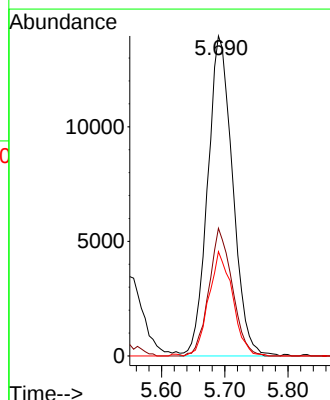
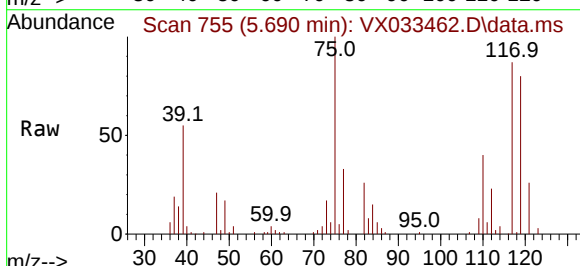
RT: 5.690 min Scan# 755

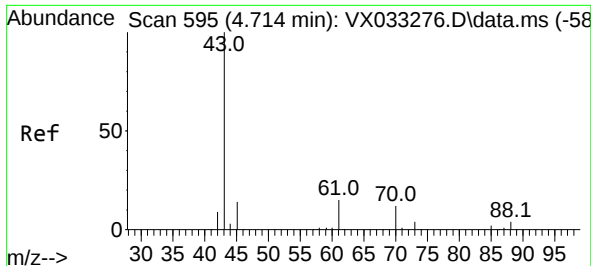
Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Tgt Ion:	75	Resp:	38267
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.4	55.2
77	31.2	24.5	36.7





#37

Ethyl Acetate

Concen: 18.654 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

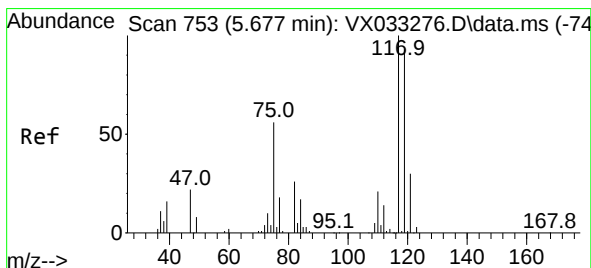
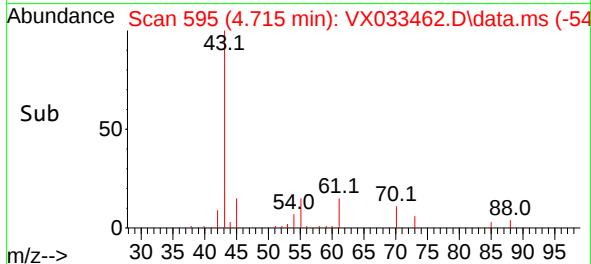
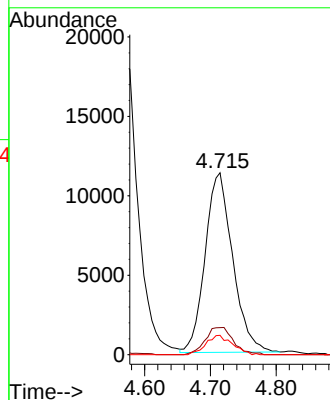
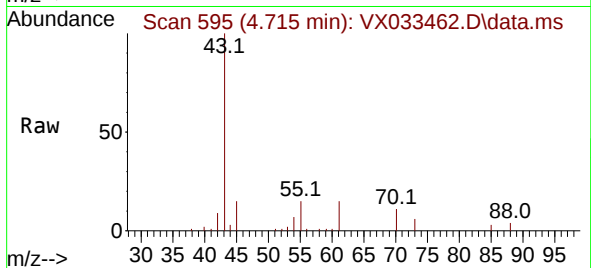
Tgt Ion:	43	Resp:	3294
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.5	17.3
70	10.3	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#38

Carbon Tetrachloride

Concen: 20.554 ug/l

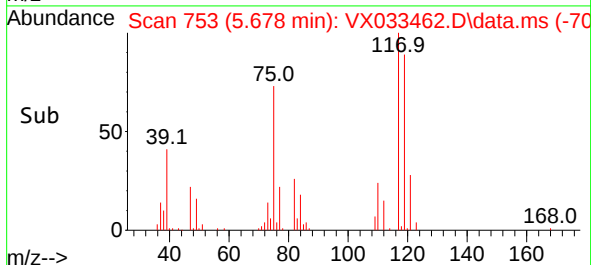
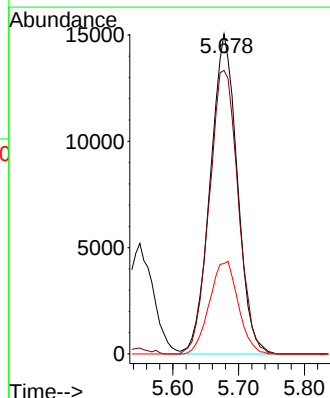
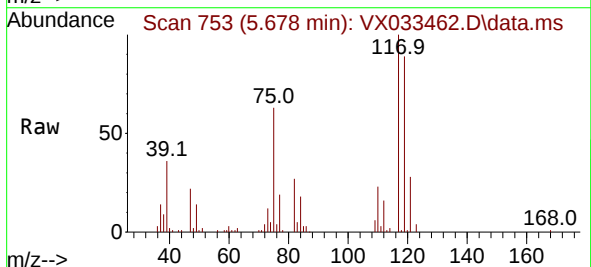
RT: 5.678 min Scan# 753

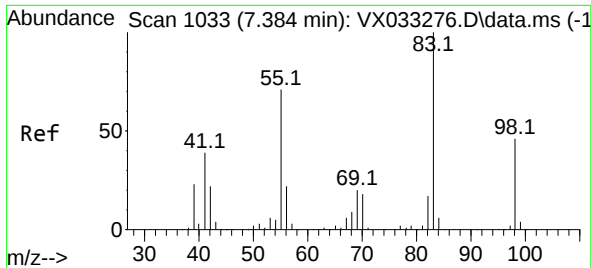
Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

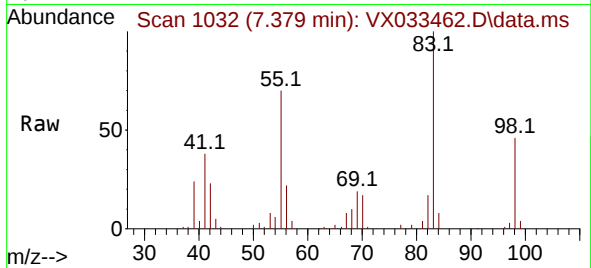
Tgt Ion:	117	Resp:	43027
Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.2	115.8
121	28.2	25.8	38.6





#39
Methylcyclohexane
Concen: 21.106 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

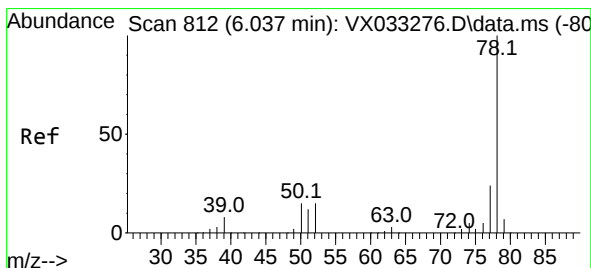
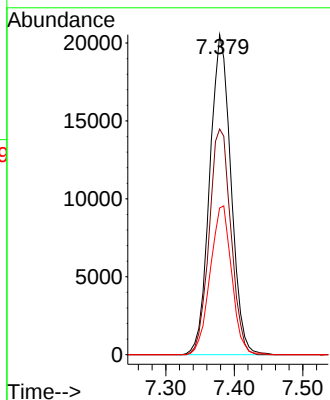
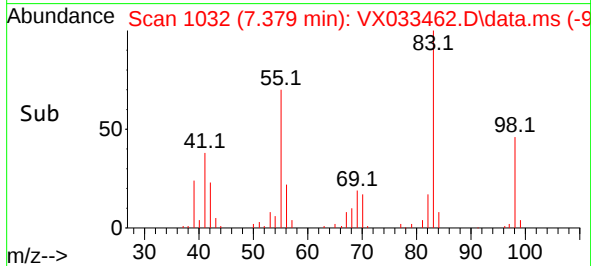
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion: 83 Resp: 44140
Ion Ratio Lower Upper
83 100
55 70.5 58.4 87.6
98 45.9 37.2 55.8

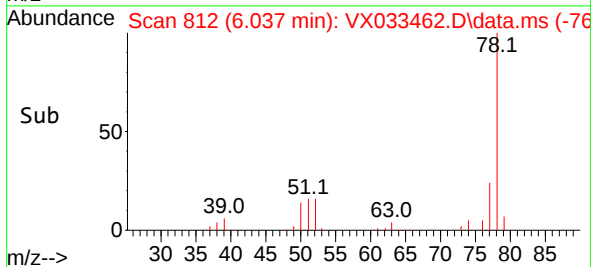
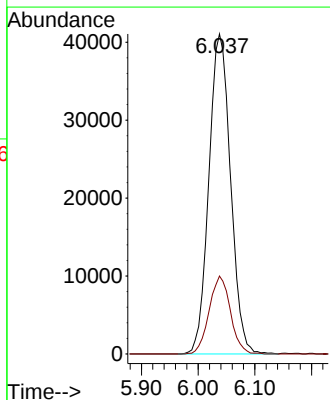
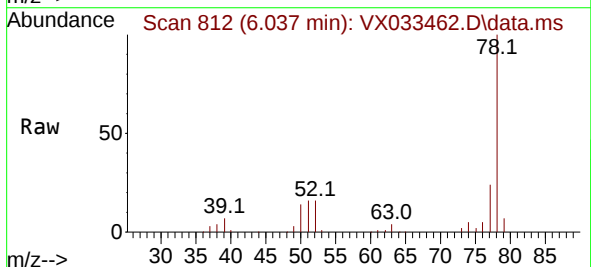
Manual Integrations
APPROVED

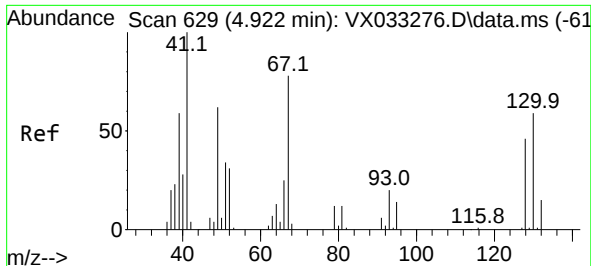
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#40
Benzene
Concen: 20.019 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

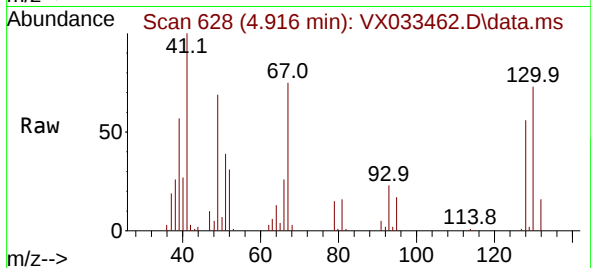
Tgt Ion: 78 Resp: 109059
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41
Methacrylonitrile
Concen: 19.764 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

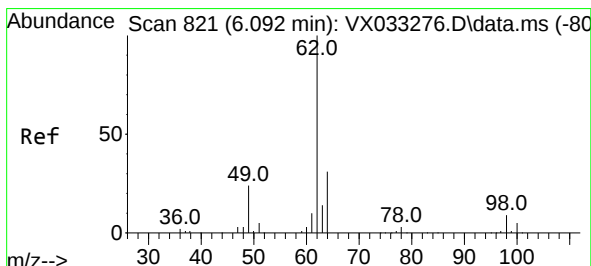
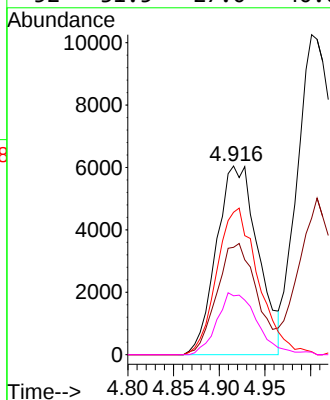
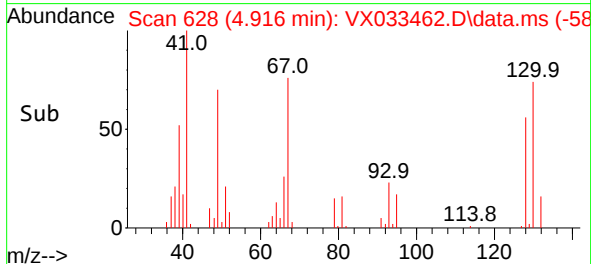
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion: 41 Resp: 1923
Ion Ratio Lower Upper
41 100
39 55.4 47.5 71.3
67 77.0 60.5 90.7
52 31.5 27.0 40.6

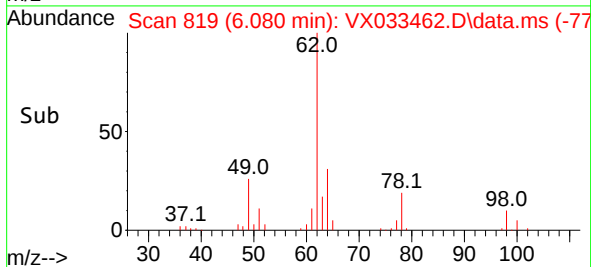
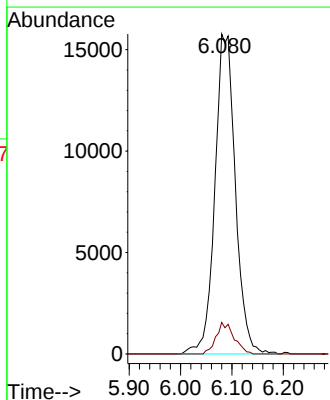
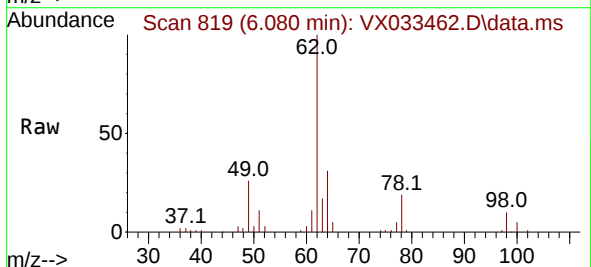
Manual Integrations
APPROVED

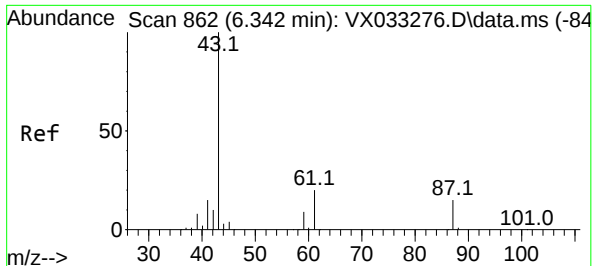
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#42
1,2-Dichloroethane
Concen: 20.175 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.012 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

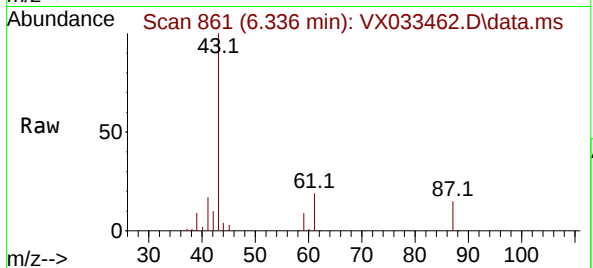
Tgt Ion: 62 Resp: 43644
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.523 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

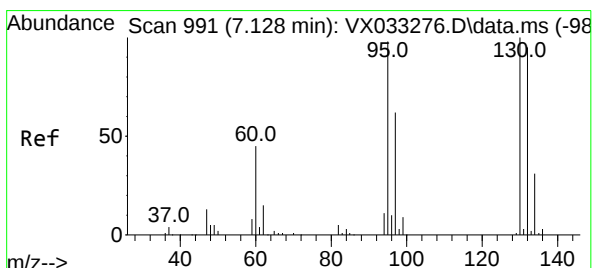
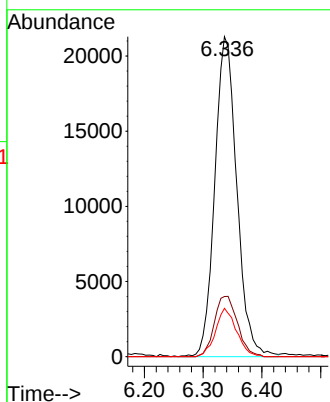
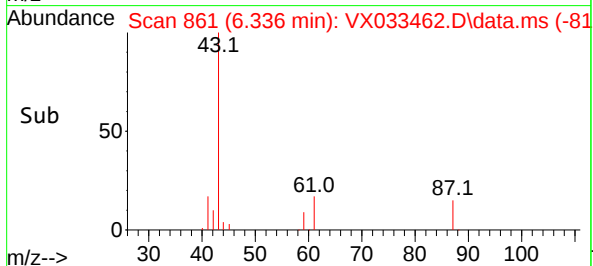
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion: 43 Resp: 5548
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 14.4 10.8 16.2

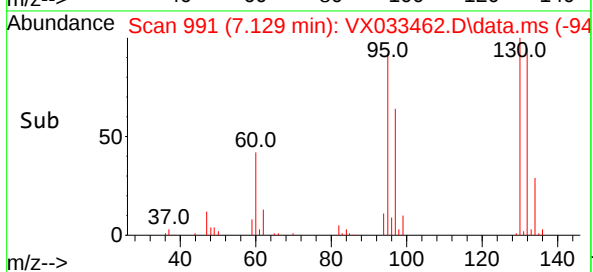
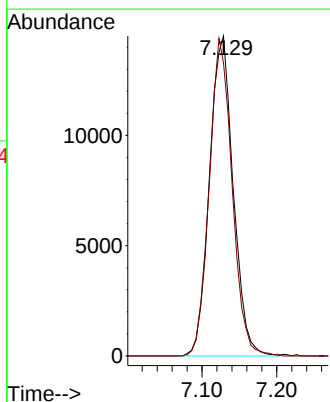
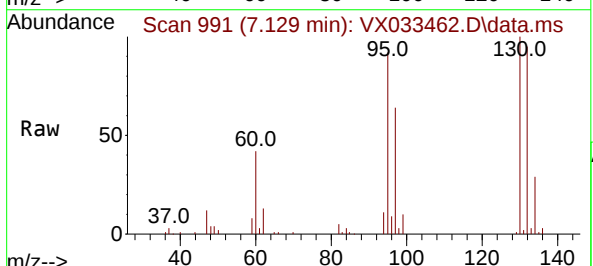
Manual Integrations
APPROVED

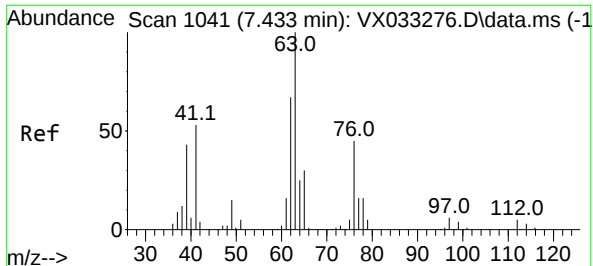
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#44
Trichloroethene
Concen: 21.237 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion:130 Resp: 31898
Ion Ratio Lower Upper
130 100
95 91.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 20.240 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

Tgt Ion: 63 Resp: 2819

Ion Ratio Lower Upper

63 100

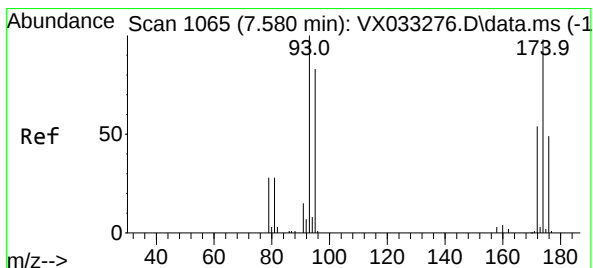
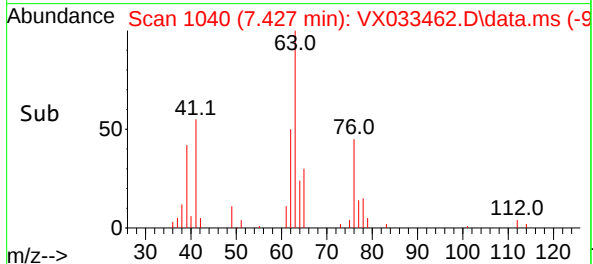
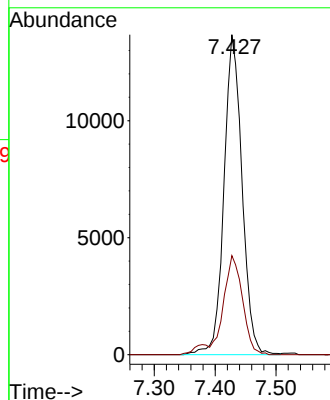
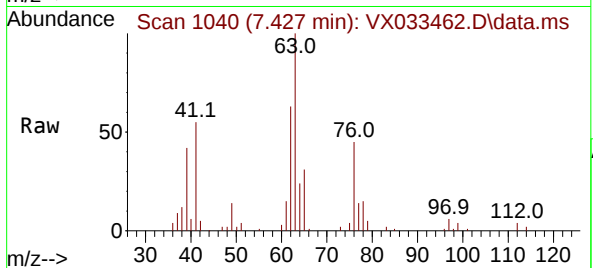
65 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 20.121 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

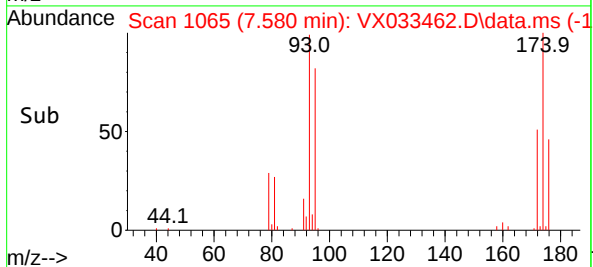
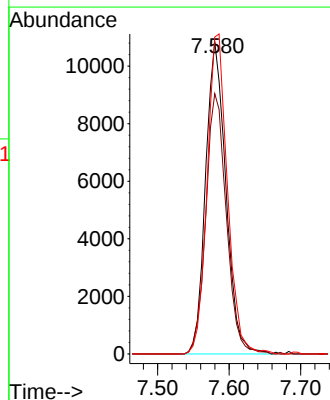
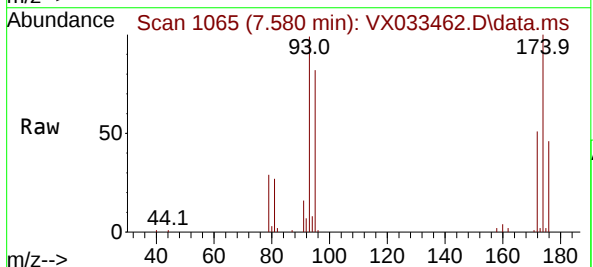
Tgt Ion: 93 Resp: 21355

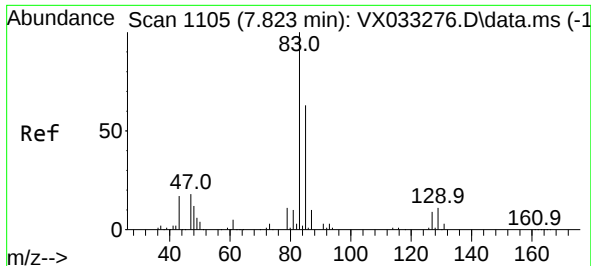
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

174 102.8 79.8 119.6





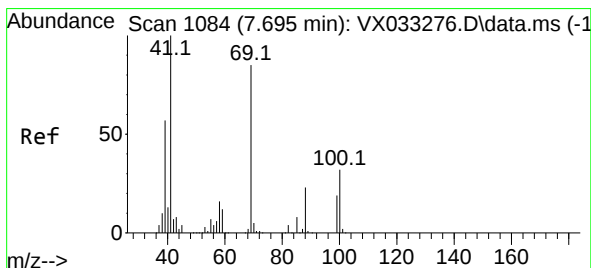
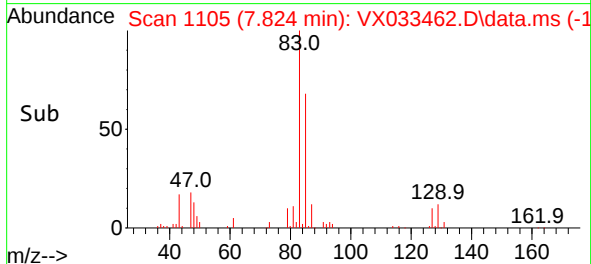
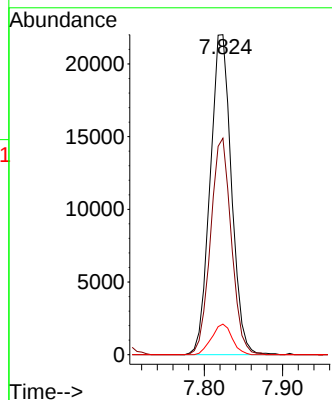
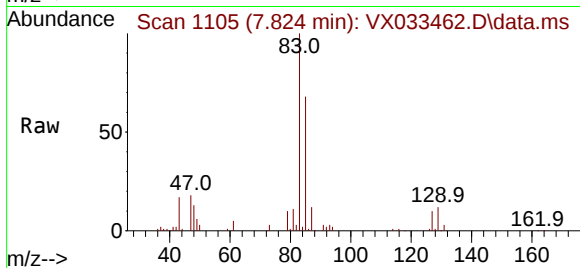
#47
Bromodichloromethane
Concen: 20.085 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion: 83 Resp: 4155
Ion Ratio Lower Upper
83 100
85 67.6 52.2 78.4
127 9.5 7.4 11.2

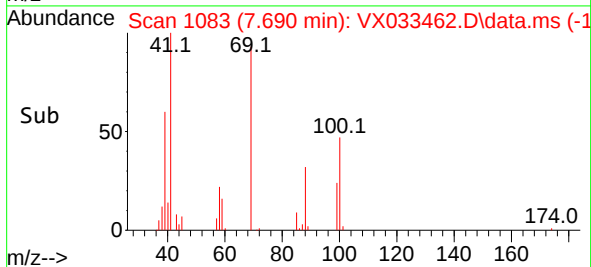
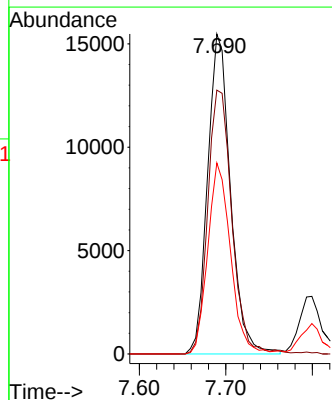
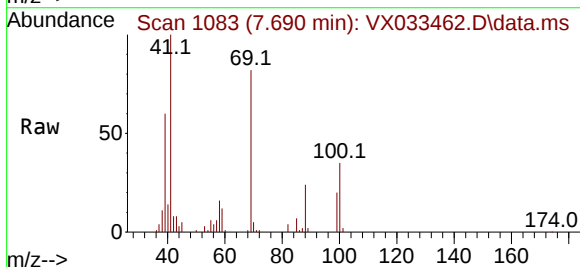
Manual Integrations
APPROVED

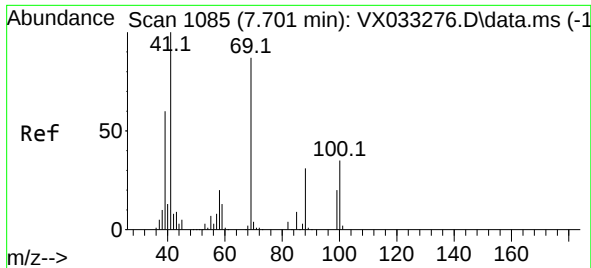
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#48
Methyl methacrylate
Concen: 19.375 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

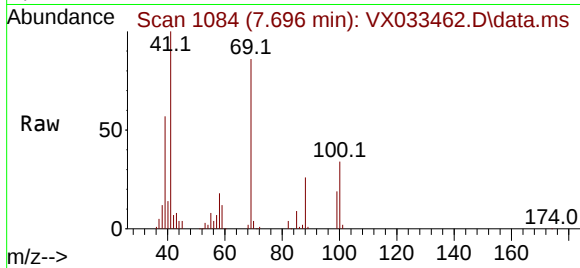
Tgt Ion: 41 Resp: 28416
Ion Ratio Lower Upper
41 100
69 86.7 65.1 97.7
39 59.6 51.9 77.9





#49
1,4-Dioxane
Concen: 347.533 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

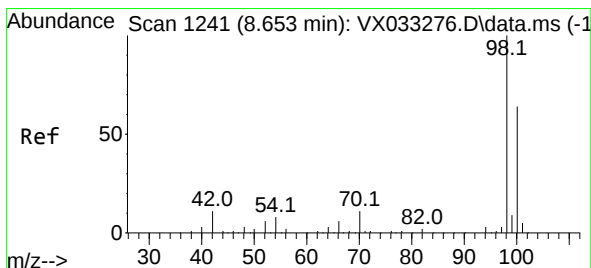
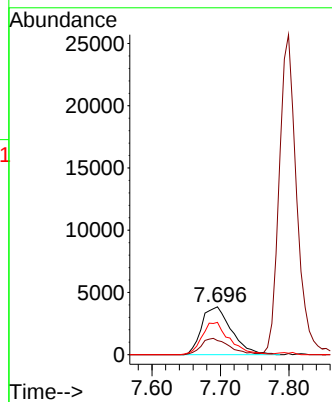
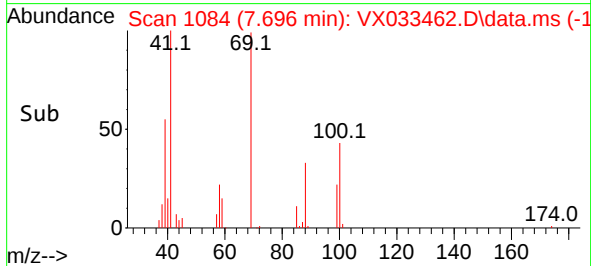
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion: 88 Resp: 1162
Ion Ratio Lower Upper
88 100
43 31.8 26.6 39.8
58 62.4 51.7 77.5

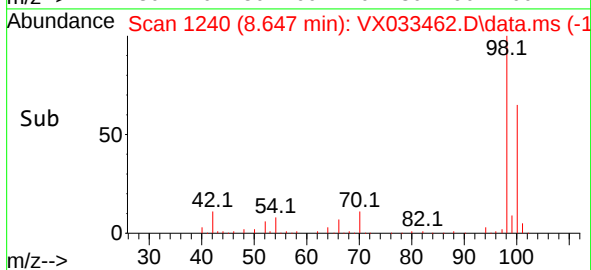
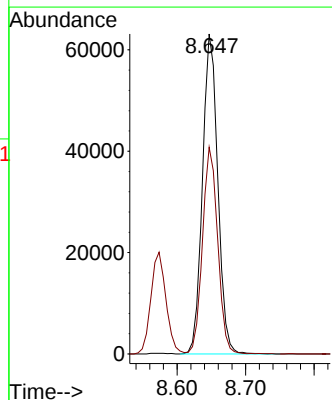
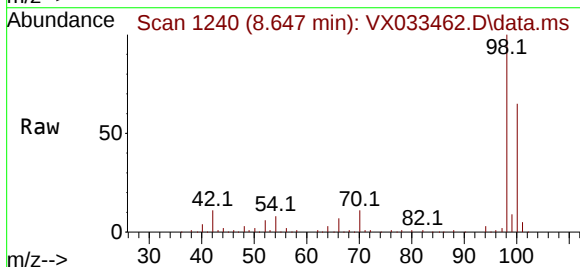
Manual Integrations
APPROVED

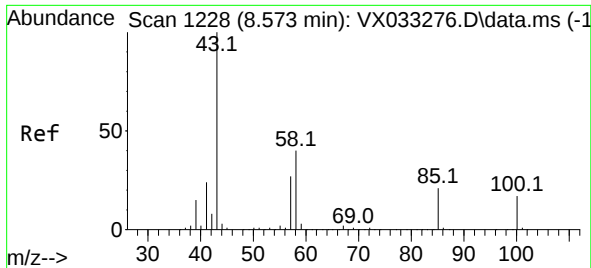
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#50
Toluene-d8
Concen: 49.040 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion: 98 Resp: 98313
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





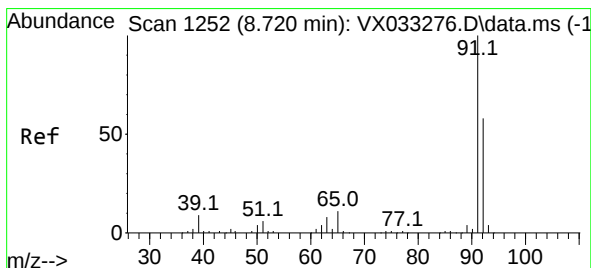
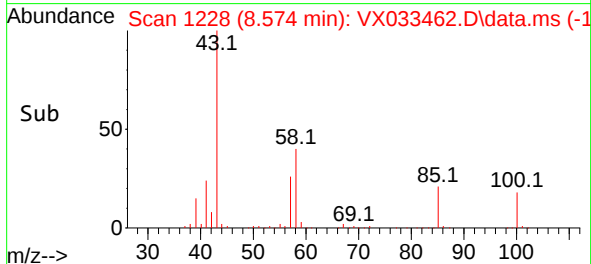
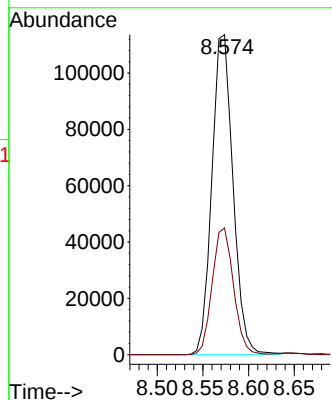
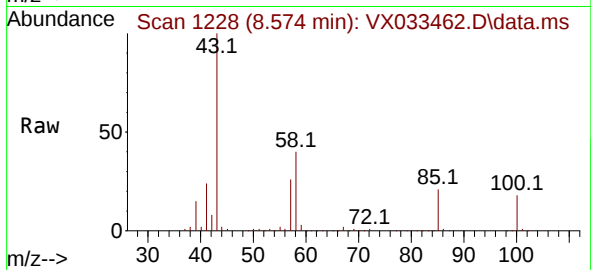
#51
4-Methyl-2-Pentanone
Concen: 101.818 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion: 43 Resp: 182978
Ion Ratio Lower Upper
43 100
58 39.9 30.9 46.3

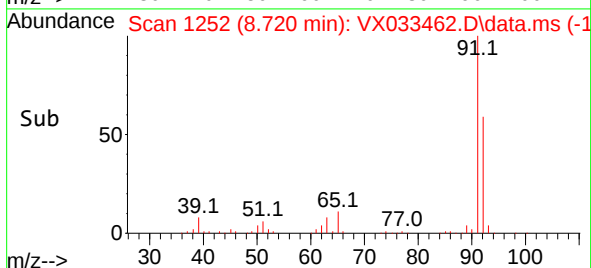
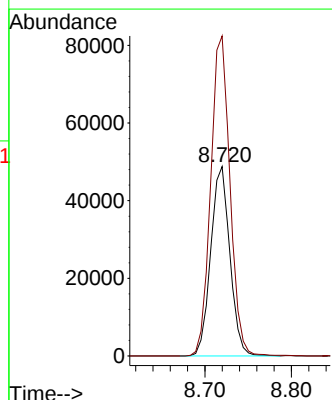
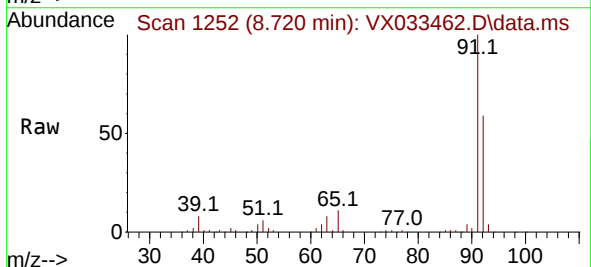
Manual Integrations
APPROVED

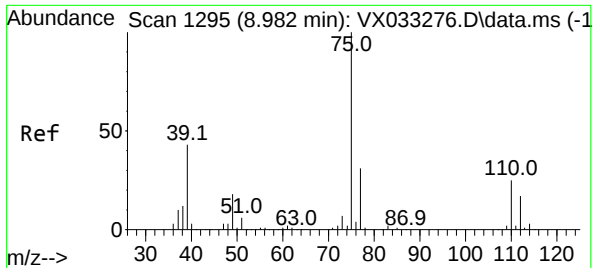
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
Toluene
Concen: 21.240 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion: 92 Resp: 74813
Ion Ratio Lower Upper
92 100
91 170.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.444 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

Tgt Ion: 75 Resp: 3963

Ion Ratio Lower Upper

75 100

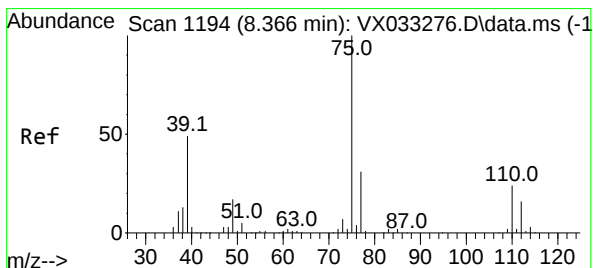
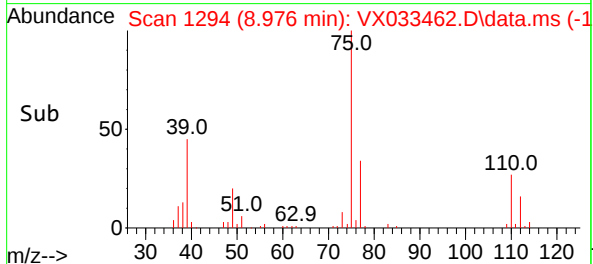
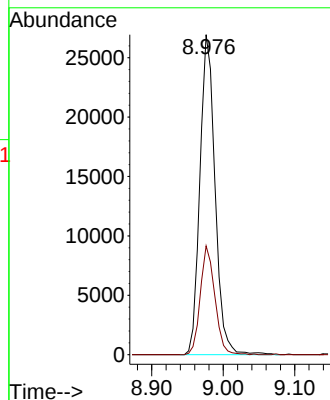
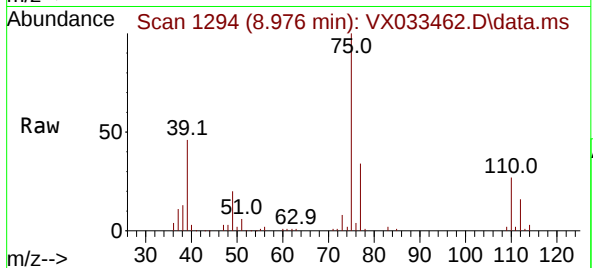
77 34.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#54

cis-1,3-Dichloropropene

Concen: 20.239 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

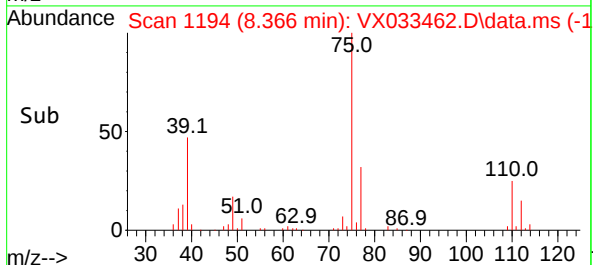
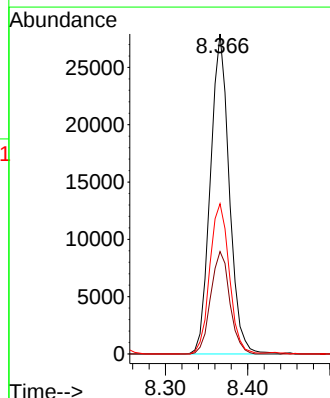
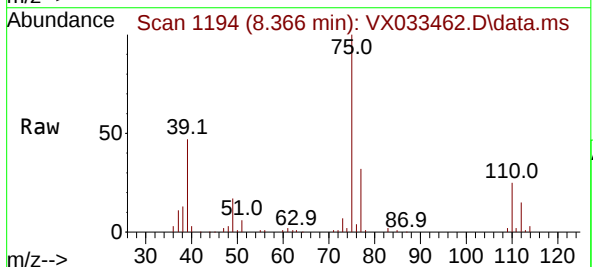
Tgt Ion: 75 Resp: 44556

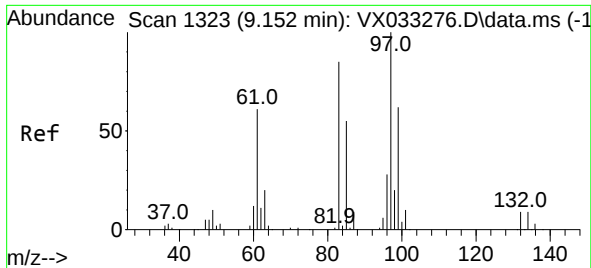
Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

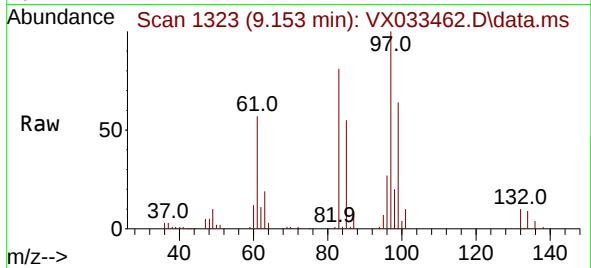
39 46.9 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 20.809 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

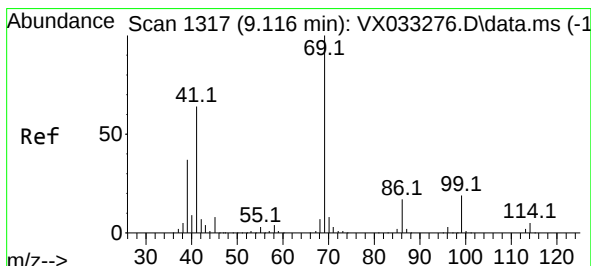
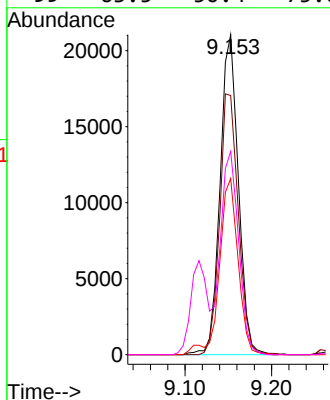
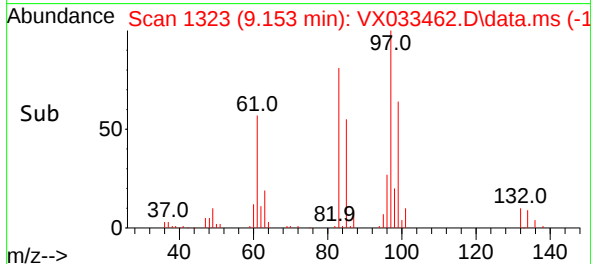


Tgt Ion: 97 Resp: 30810

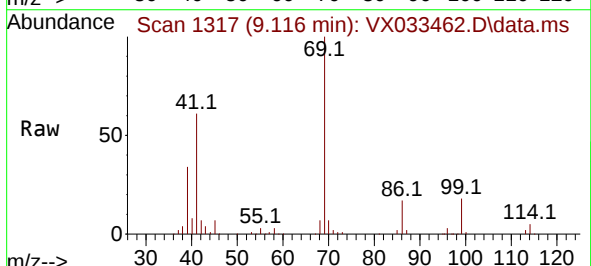
Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.1	102.1
85	55.0	43.3	64.9
99	63.5	50.4	75.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

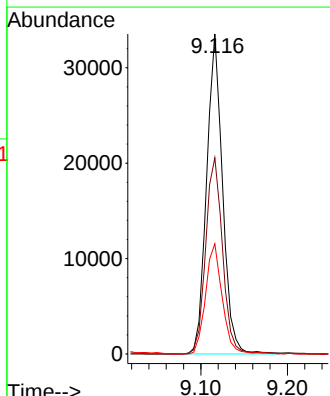
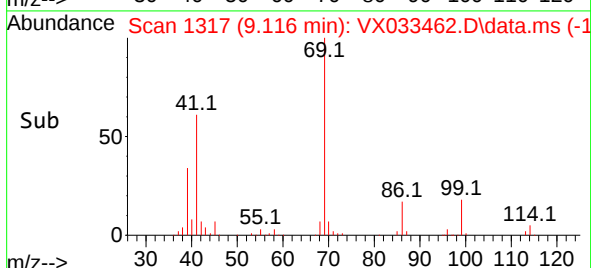


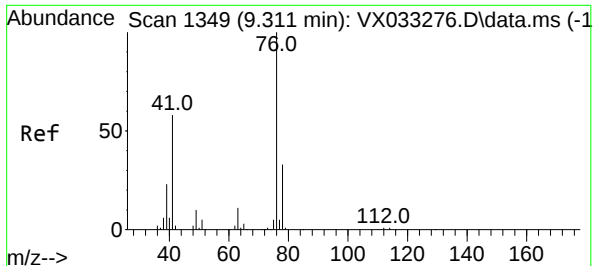
#56
Ethyl methacrylate
Concen: 20.618 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



Tgt Ion: 69 Resp: 42980

Ion	Ratio	Lower	Upper
69	100		
41	65.0	54.3	81.5
39	36.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 20.775 ug/l

RT: 9.305 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

Tgt Ion: 76 Resp: 4941

Ion Ratio Lower Upper

76 100

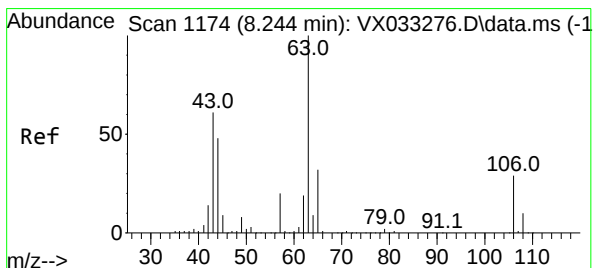
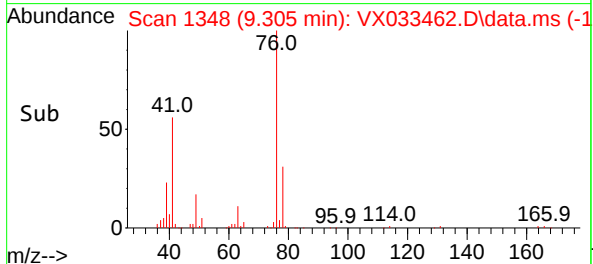
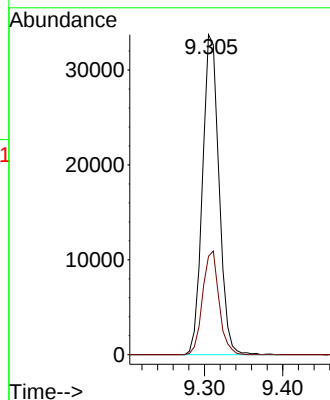
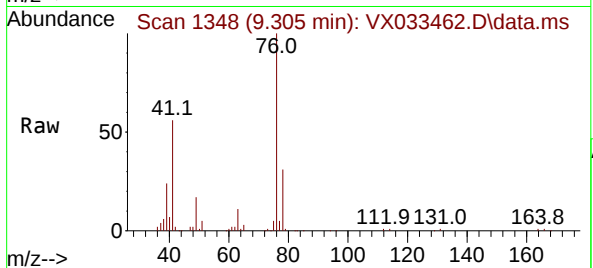
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 102.843 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033462.D

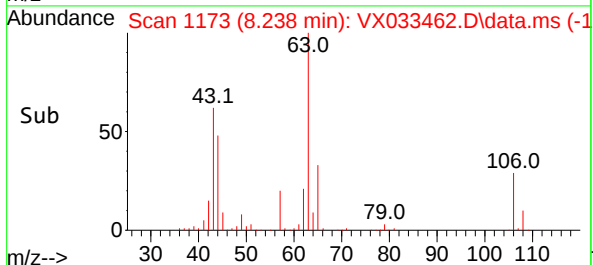
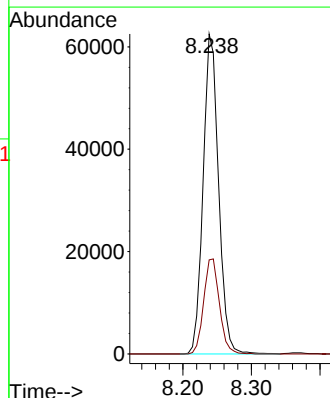
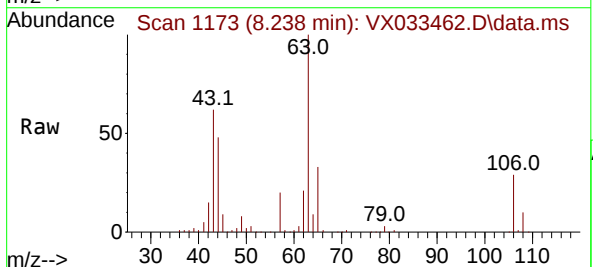
Acq: 16 Dec 2022 15:47

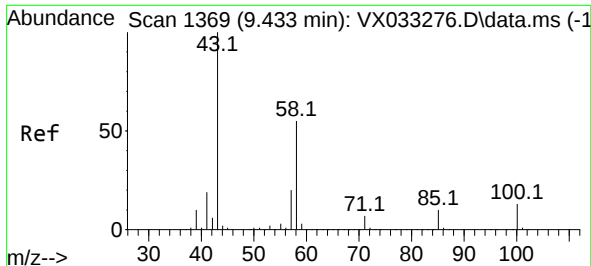
Tgt Ion: 63 Resp: 98095

Ion Ratio Lower Upper

63 100

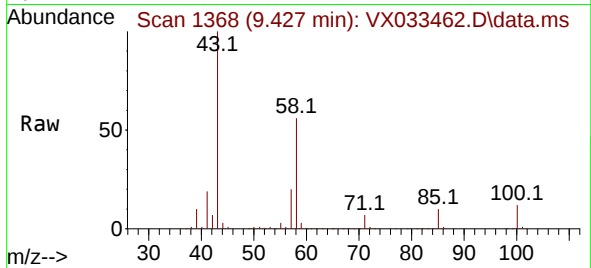
106 30.2 23.3 34.9





#59
2-Hexanone
Concen: 104.654 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

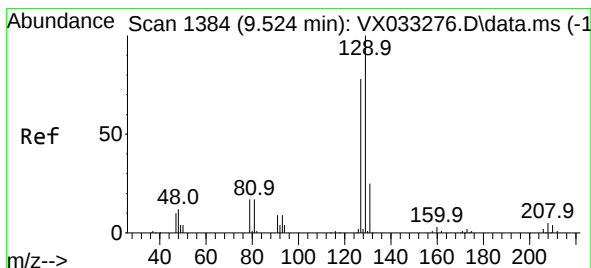
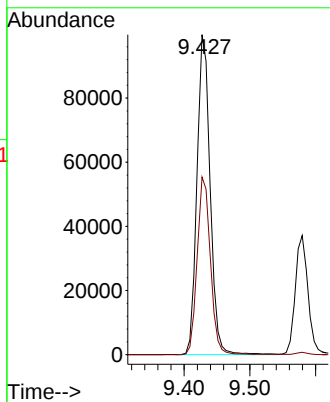
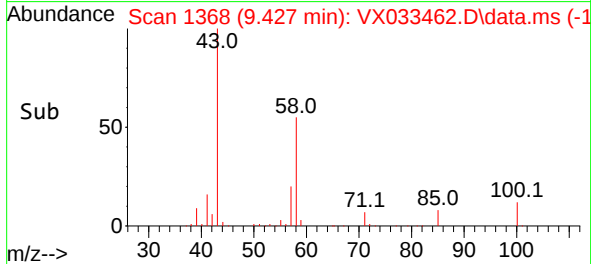
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion: 43 Resp: 138598
Ion Ratio Lower Upper
43 100
58 55.9 26.5 79.5

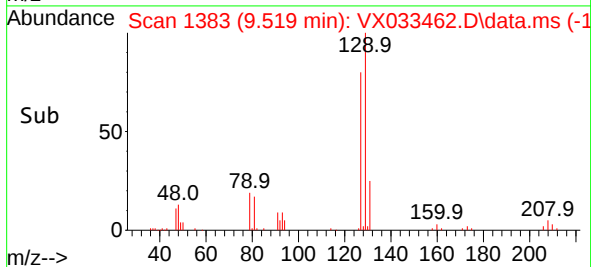
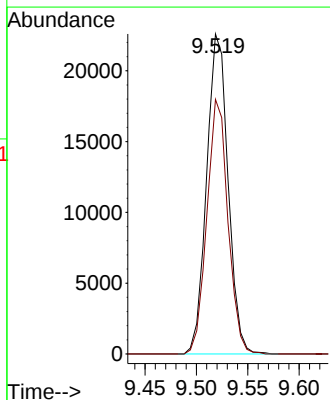
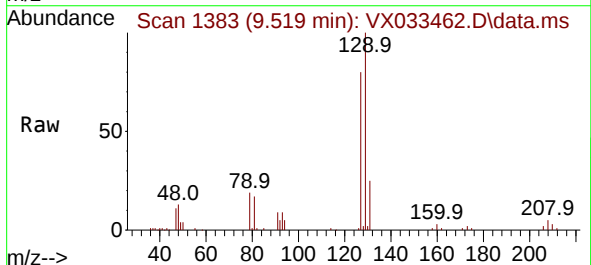
Manual Integrations
APPROVED

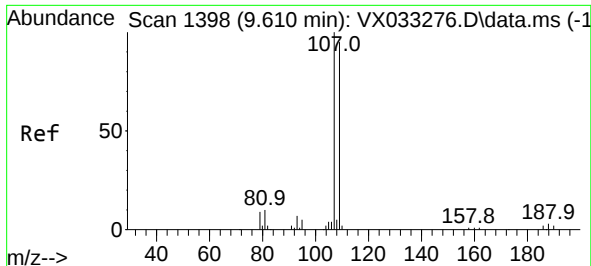
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#60
Dibromochloromethane
Concen: 20.128 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

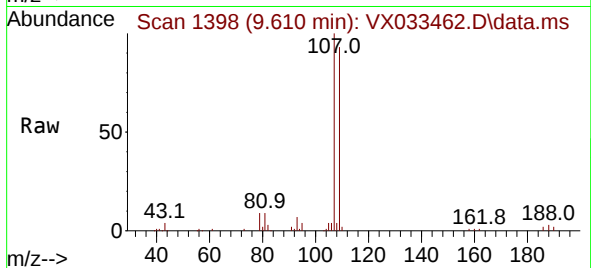
Tgt Ion:129 Resp: 32835
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.751 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

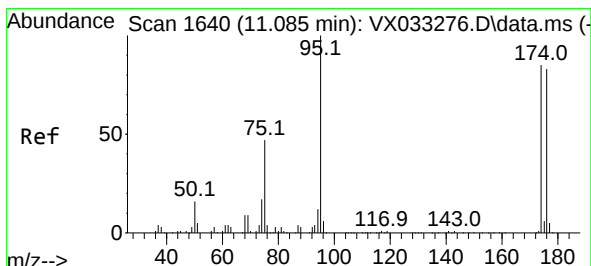
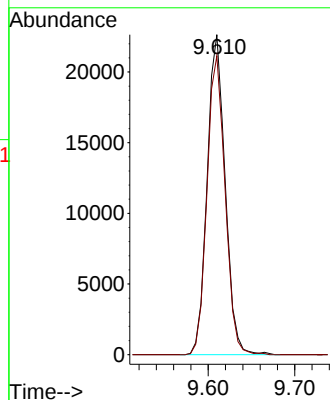
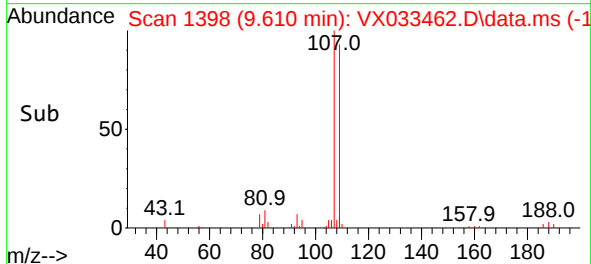
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



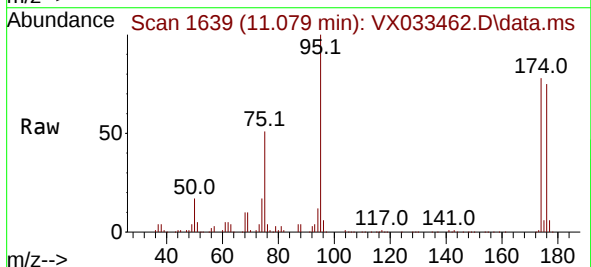
Tgt Ion:107 Resp: 3268
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0

Manual Integrations
APPROVED

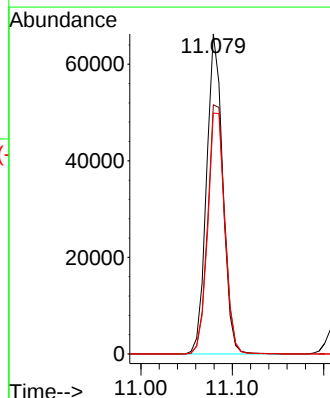
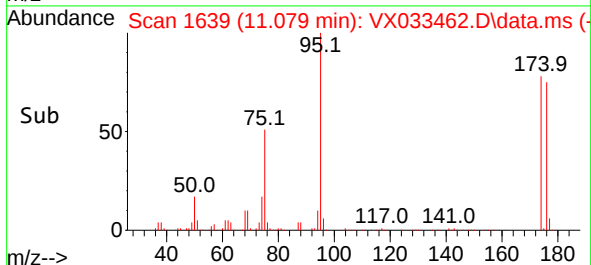
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

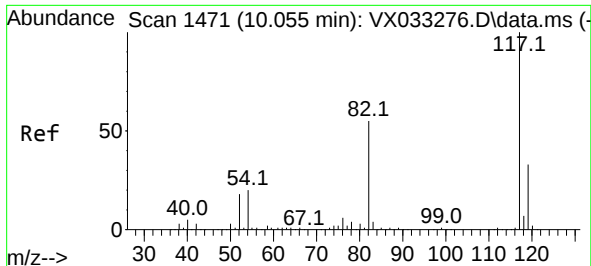


#62
4-Bromofluorobenzene
Concen: 52.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



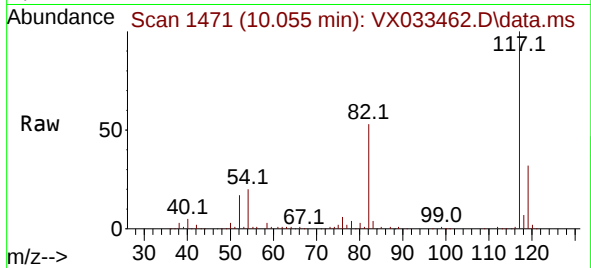
Tgt Ion: 95 Resp: 81120
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.0
176 79.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

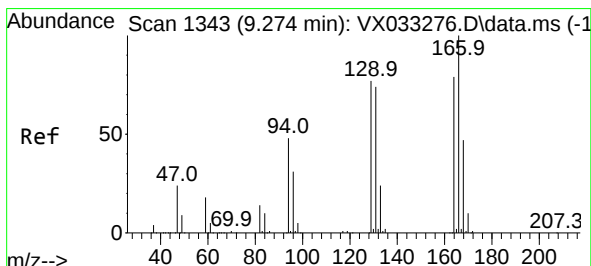
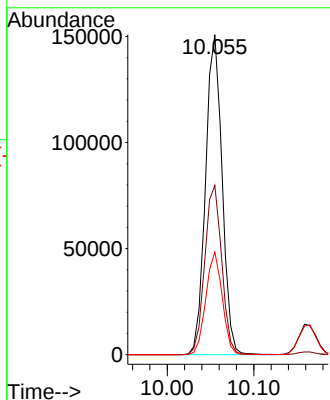
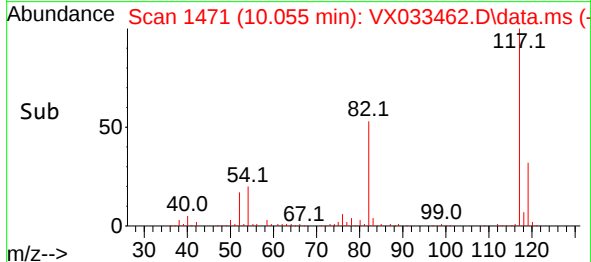
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



Tgt Ion:117 Resp: 200710
Ion Ratio Lower Upper
117 100
82 52.9 44.3 66.5
119 32.1 25.7 38.5

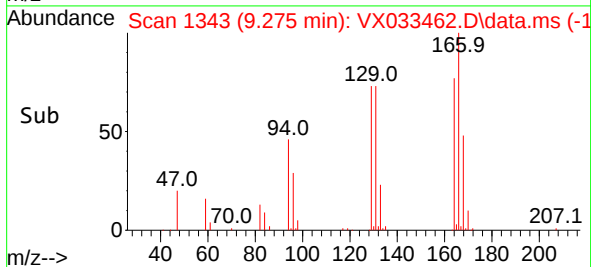
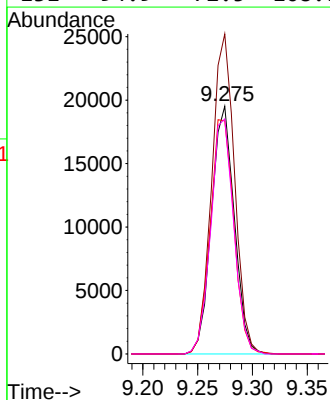
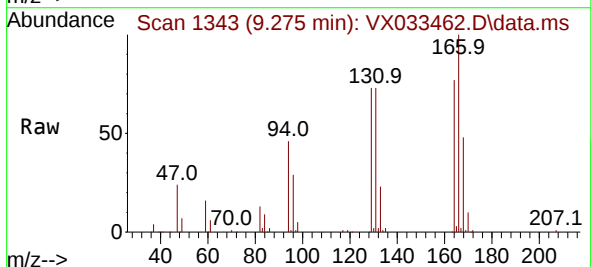
Manual Integrations
APPROVED

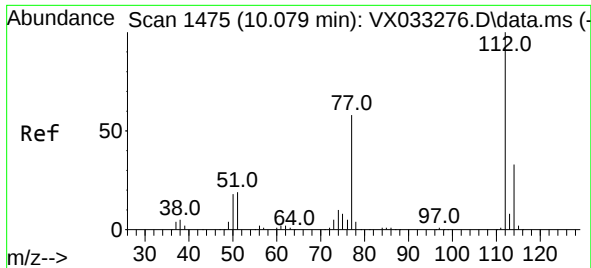
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Tetrachloroethene
Concen: 20.611 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

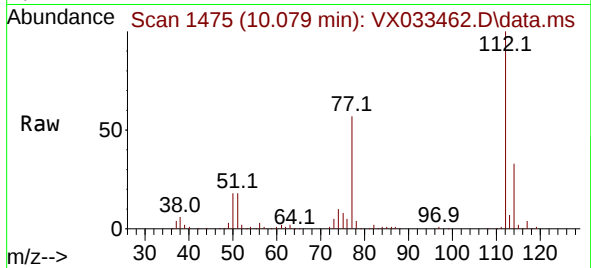
Tgt Ion:164 Resp: 28288
Ion Ratio Lower Upper
164 100
166 129.2 105.4 158.2
129 94.1 78.2 117.2
131 94.9 72.5 108.7





#65
Chlorobenzene
Concen: 20.711 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

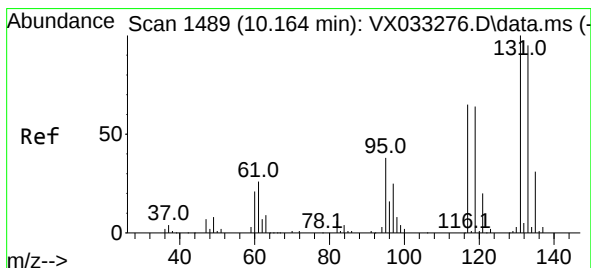
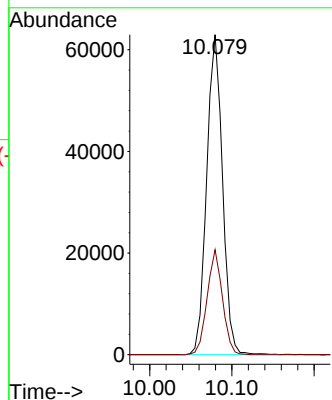
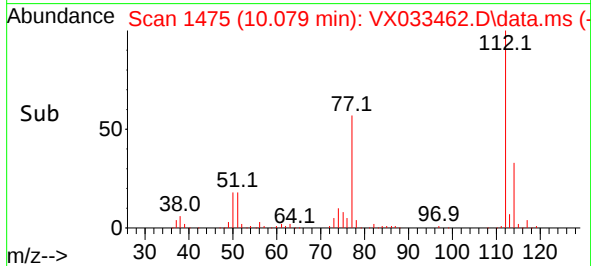
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



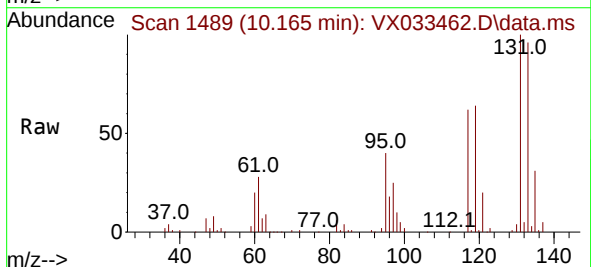
Tgt Ion:112 Resp: 84180
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

Manual Integrations
APPROVED

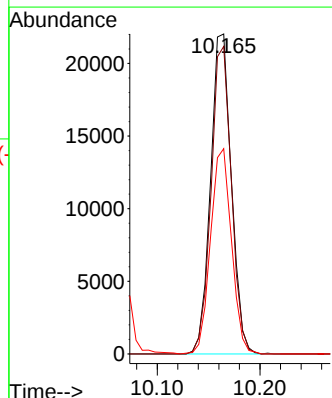
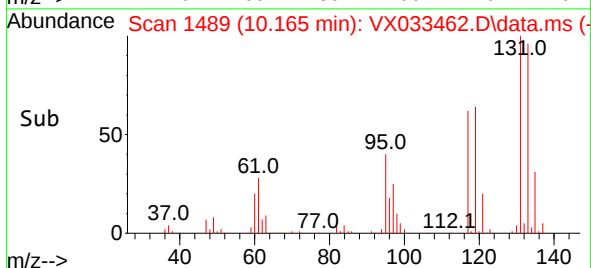
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

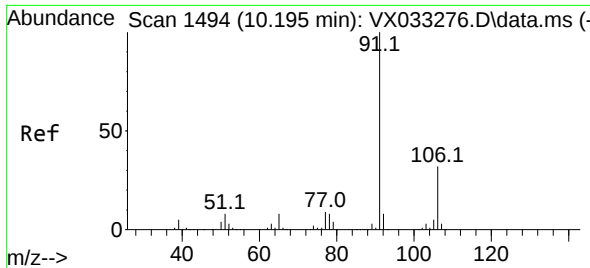


#66
1,1,1,2-Tetrachloroethane
Concen: 20.146 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



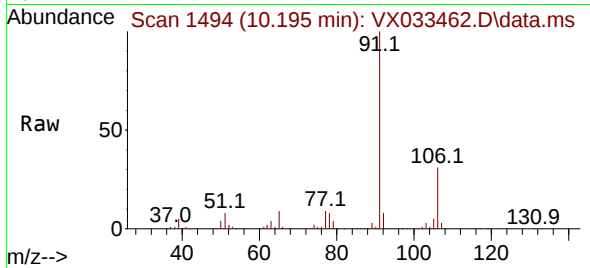
Tgt Ion:131 Resp: 30943
Ion Ratio Lower Upper
131 100
133 94.1 47.6 142.9
119 64.6 32.4 97.0





#67
Ethyl Benzene
Concen: 21.006 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

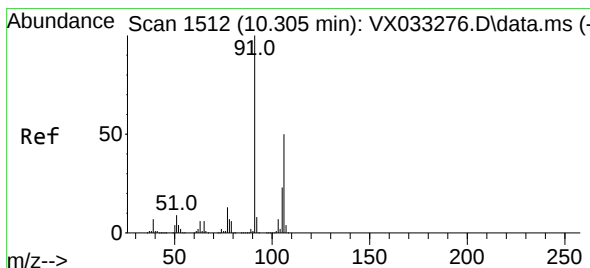
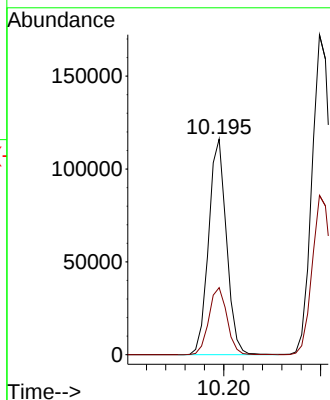
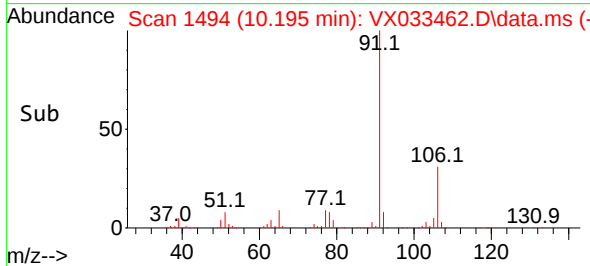
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



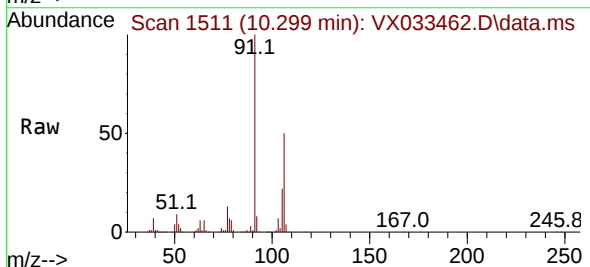
Tgt Ion: 91 Resp: 148742
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

Manual Integrations
APPROVED

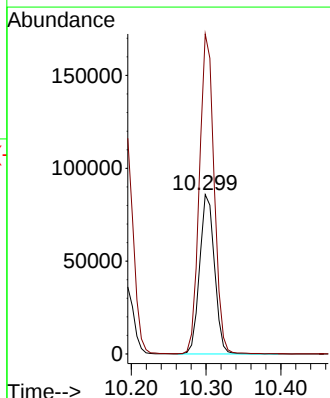
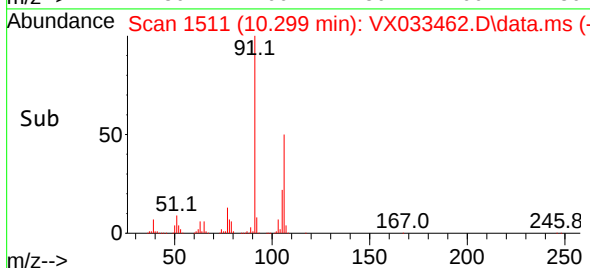
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

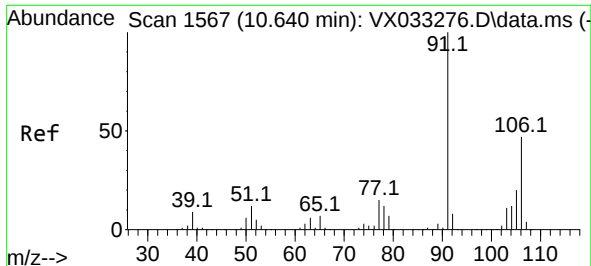


#68
m/p-Xylenes
Concen: 42.979 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



Tgt Ion:106 Resp: 118403
Ion Ratio Lower Upper
106 100
91 198.7 164.5 246.7





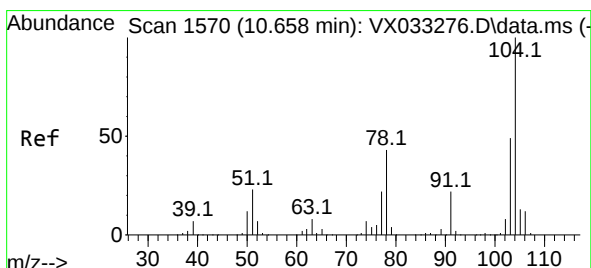
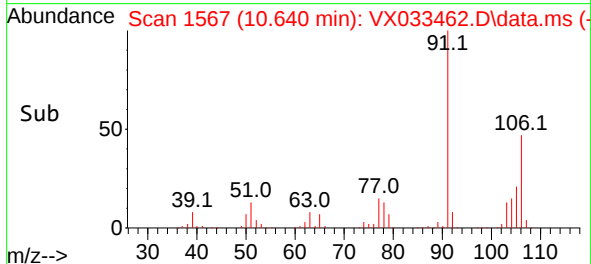
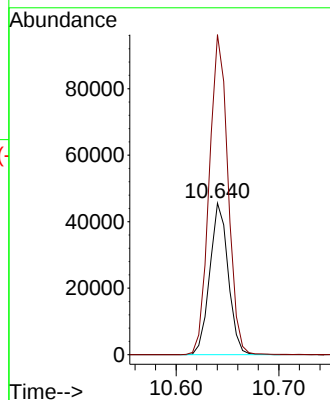
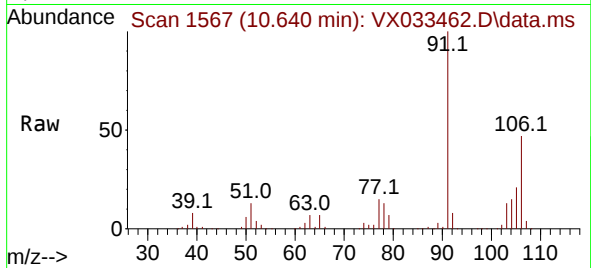
#69
o-Xylene
Concen: 20.868 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion:106 Resp: 5682
Ion Ratio Lower Upper
106 100
91 215.1 109.2 327.6

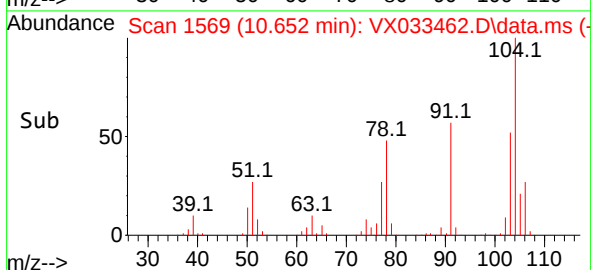
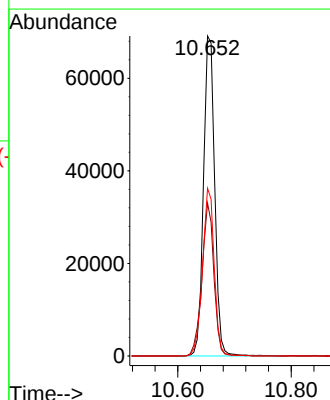
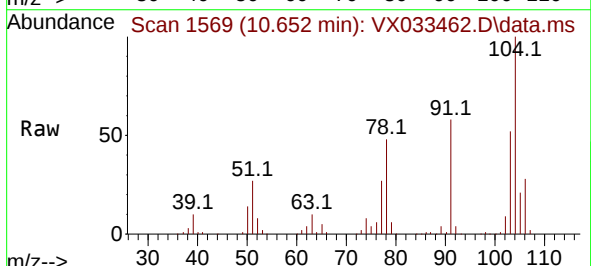
Manual Integrations
APPROVED

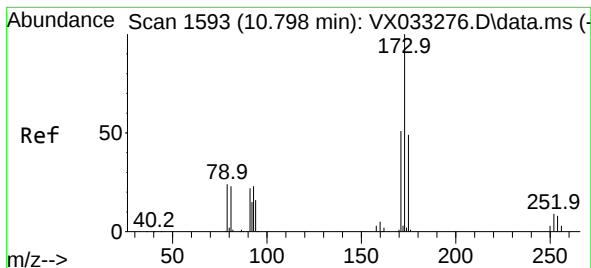
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#70
Styrene
Concen: 21.227 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion:104 Resp: 94666
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 19.094 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

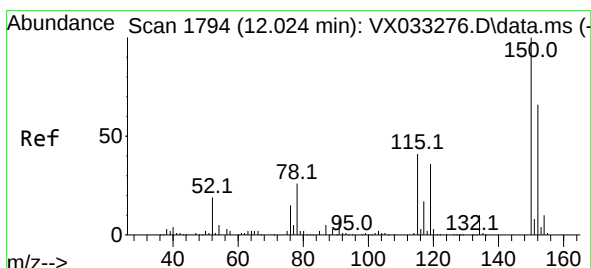
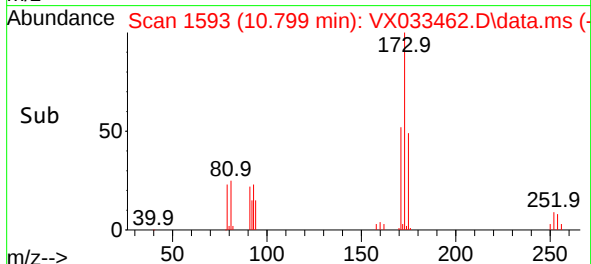
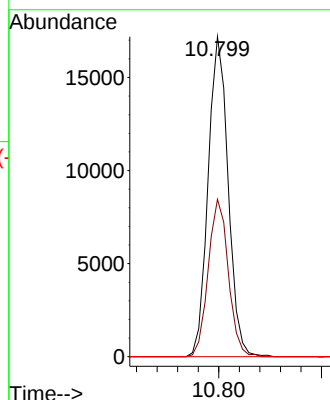
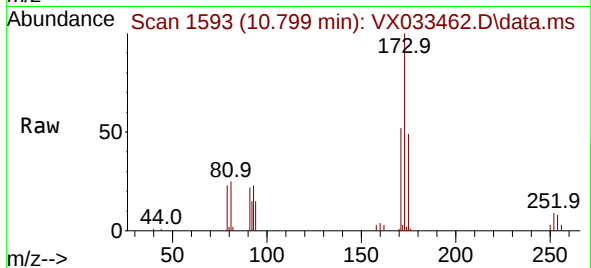
Tgt Ion:	173	Resp:	23214
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.9	71.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

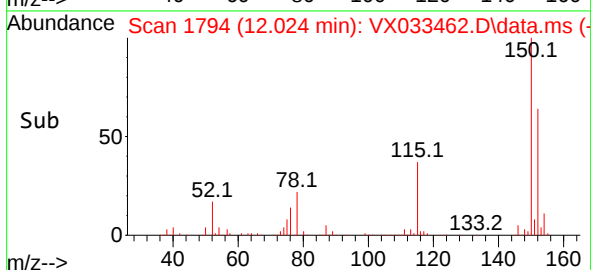
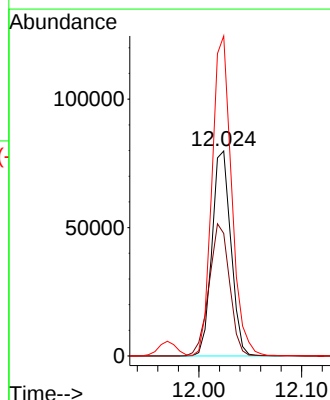
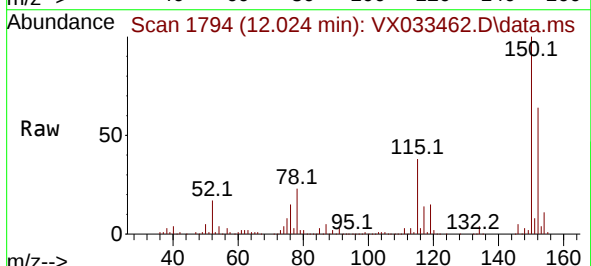
RT: 12.024 min Scan# 1794

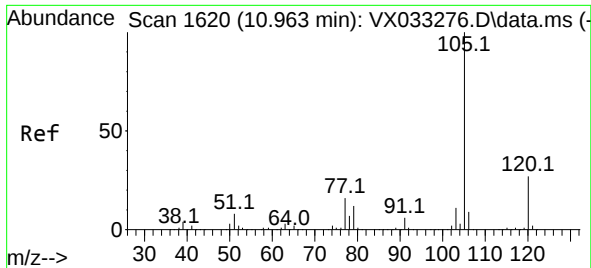
Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

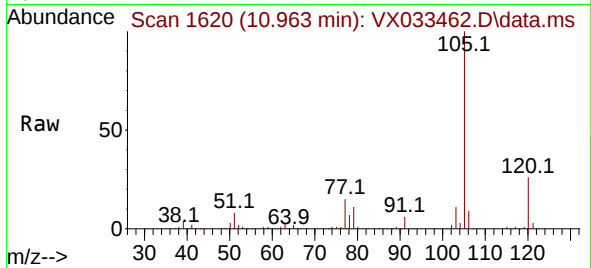
Tgt Ion:	152	Resp:	101994
Ion Ratio	Lower	Upper	
152	100		
115	69.9	44.0	132.0
150	162.3	0.0	351.8





#73
Isopropylbenzene
Concen: 20.798 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

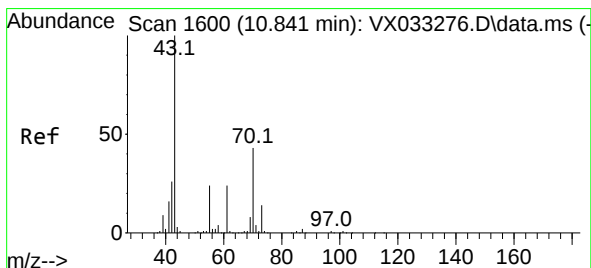
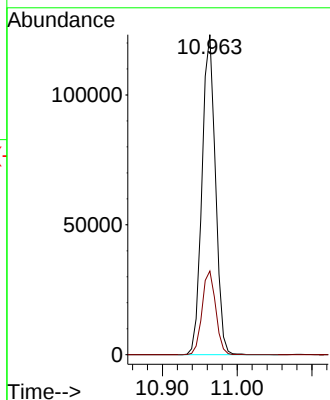
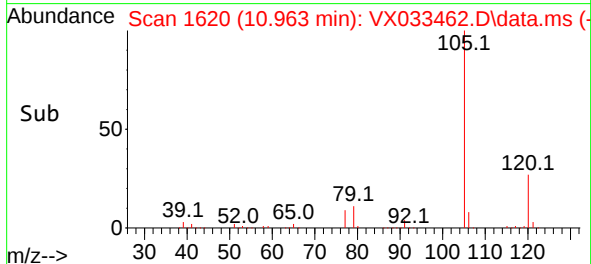
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



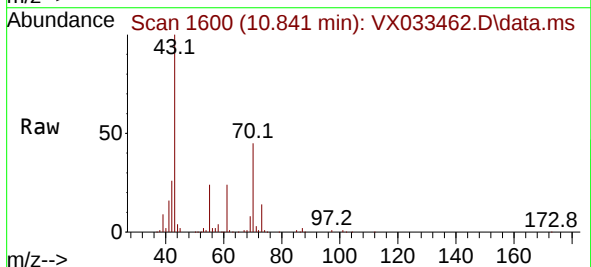
Tgt Ion:105 Resp: 15375
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

Manual Integrations
APPROVED

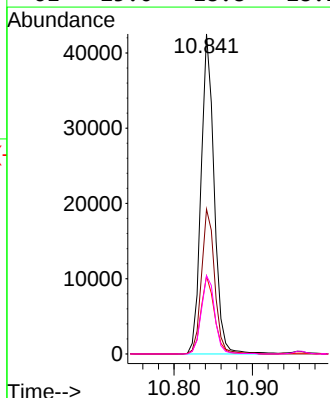
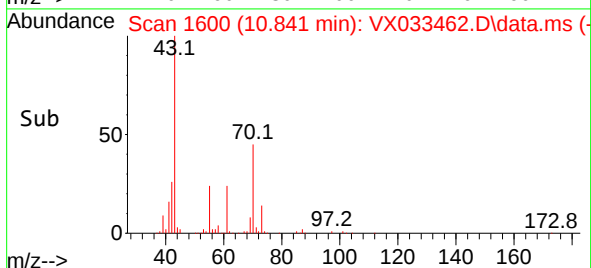
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

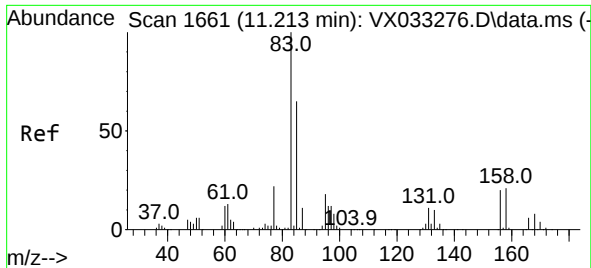


#74
N-ethyl acetate
Concen: 19.589 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



Tgt Ion: 43 Resp: 49407
Ion Ratio Lower Upper
43 100
70 45.5 33.6 50.4
55 25.2 19.4 29.2
61 25.0 18.8 28.2





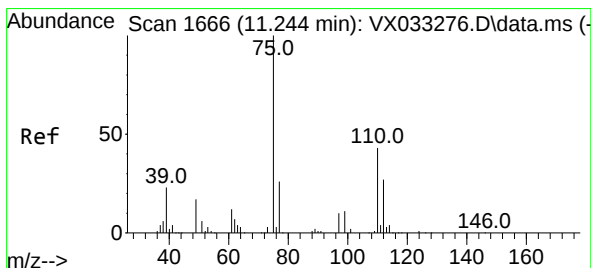
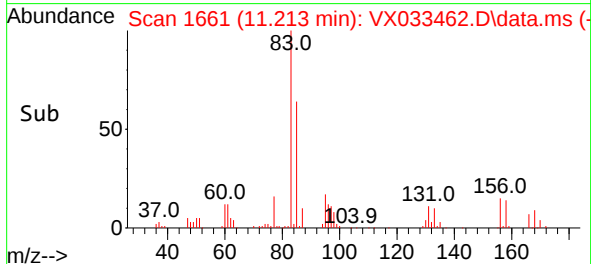
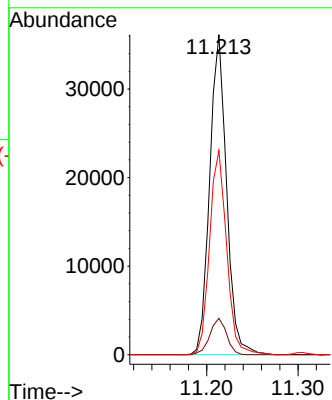
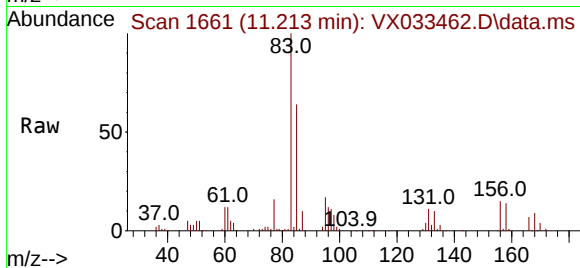
#75
1,1,2,2-Tetrachloroethane
Concen: 19.752 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion: 83 Resp: 4632
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 64.4 31.9 95.9

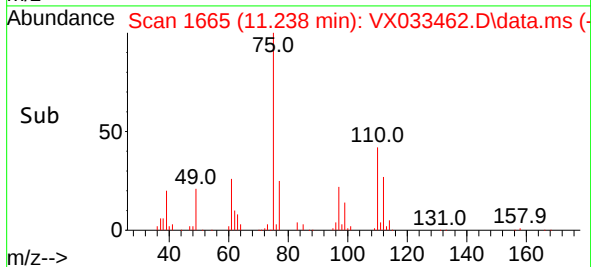
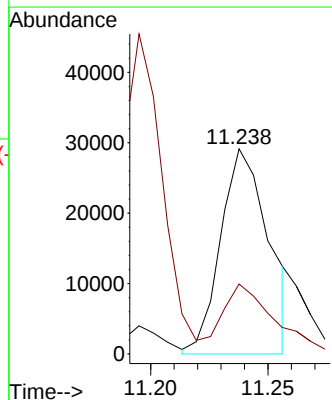
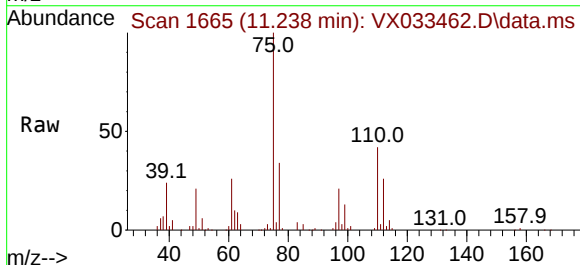
Manual Integrations
APPROVED

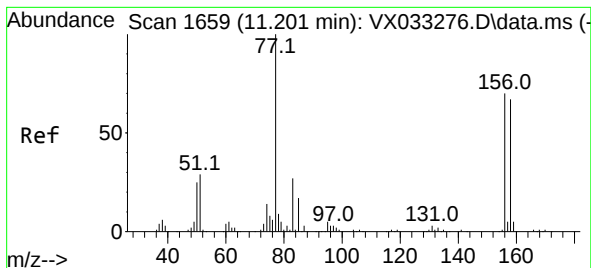
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#76
1,2,3-Trichloropropane
Concen: 19.899 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion: 75 Resp: 41292
Ion Ratio Lower Upper
75 100
77 37.9 20.0 60.0





#77

Bromobenzene

Concen: 20.321 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

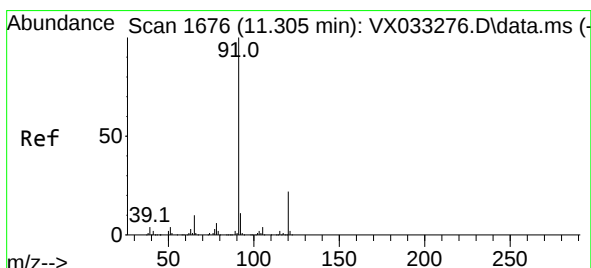
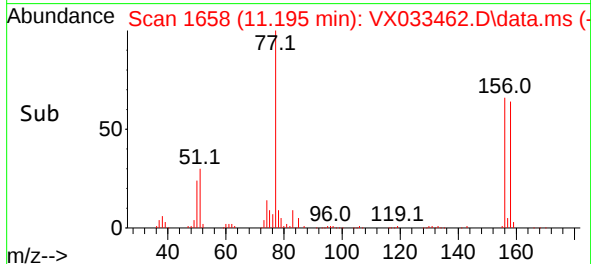
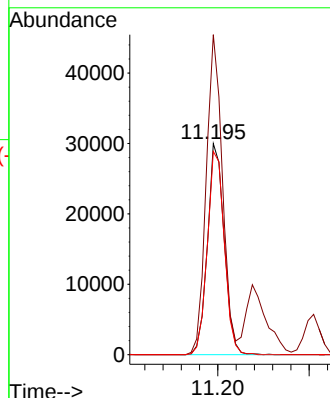
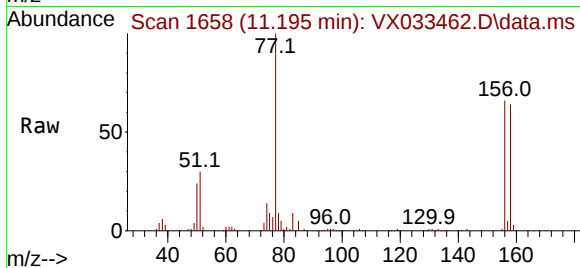
Tgt Ion:	156	Resp:	37934
Ion Ratio	Lower	Upper	
156	100		
77	146.7	76.1	228.4
158	98.1	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#78

n-propylbenzene

Concen: 20.912 ug/l

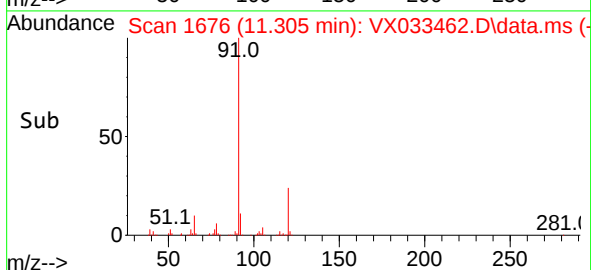
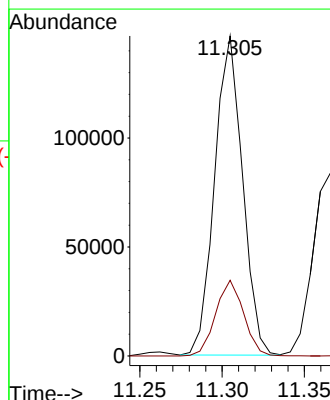
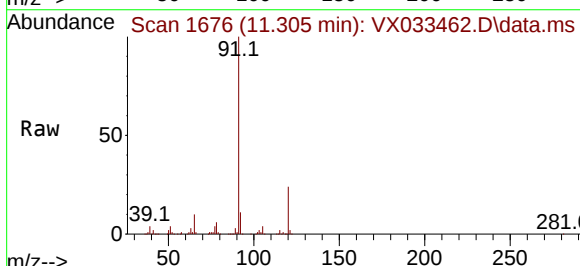
RT: 11.305 min Scan# 1676

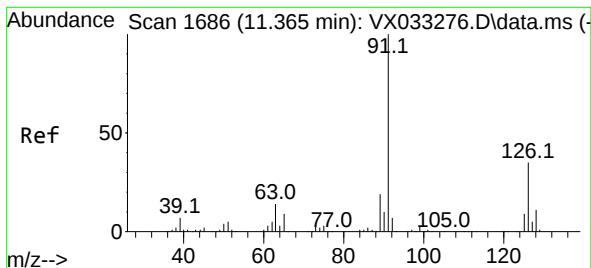
Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Tgt Ion:	91	Resp:	172618
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.6	34.8





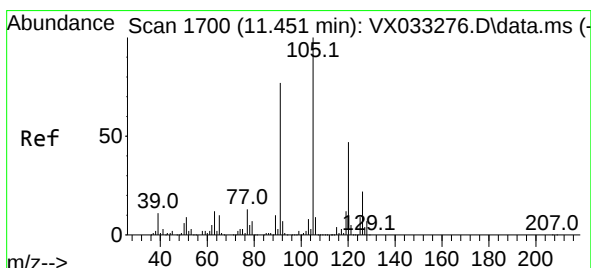
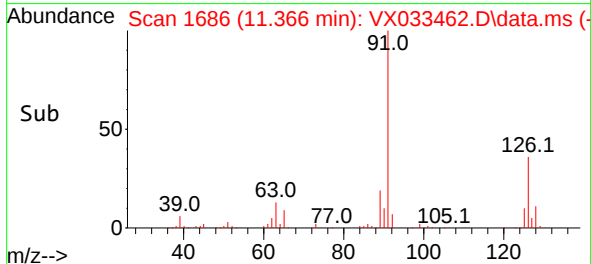
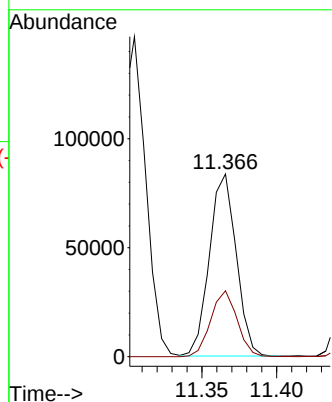
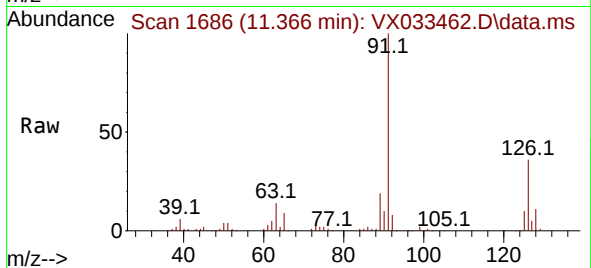
#79
2-Chlorotoluene
Concen: 20.453 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion: 91 Resp: 104330
Ion Ratio Lower Upper
91 100
126 35.6 17.1 51.2

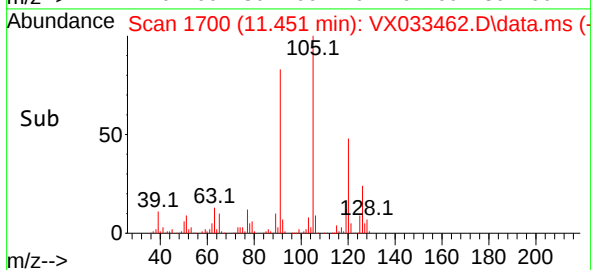
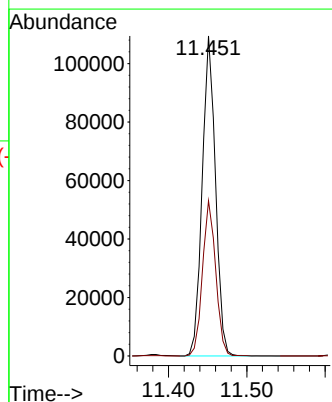
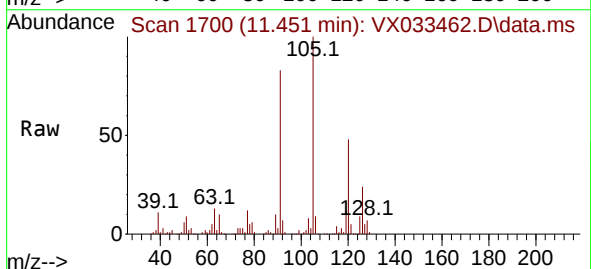
Manual Integrations
APPROVED

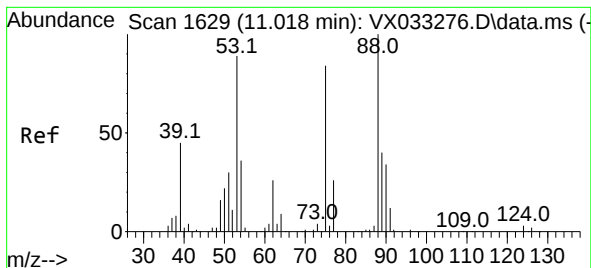
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.915 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

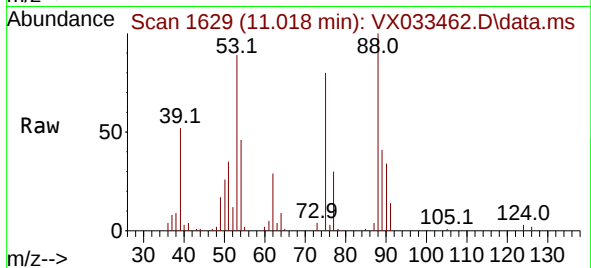
Tgt Ion:105 Resp: 128704
Ion Ratio Lower Upper
105 100
120 48.3 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.505 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

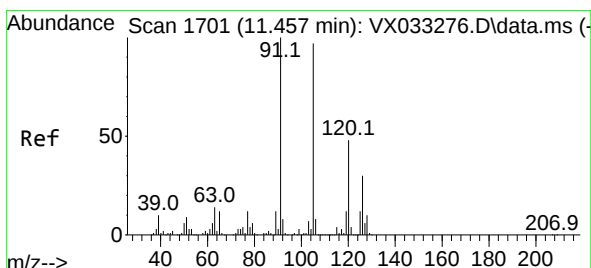
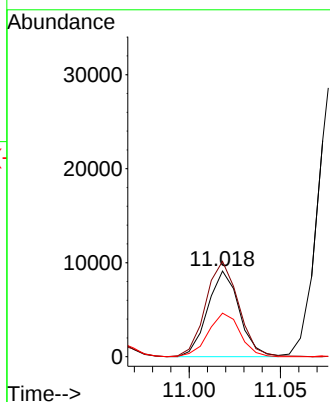
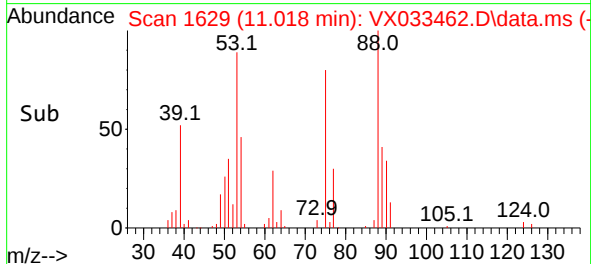
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



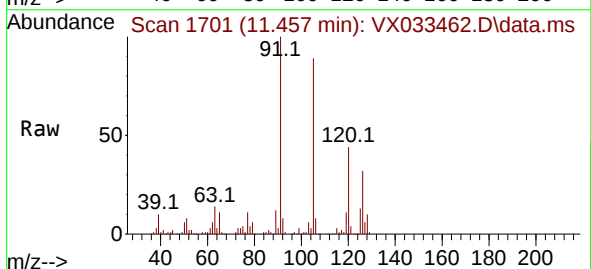
Tgt Ion: 75 Resp: 11010
Ion Ratio Lower Upper
75 100
53 115.5 86.9 130.3
89 51.2 38.3 57.5

Manual Integrations
APPROVED

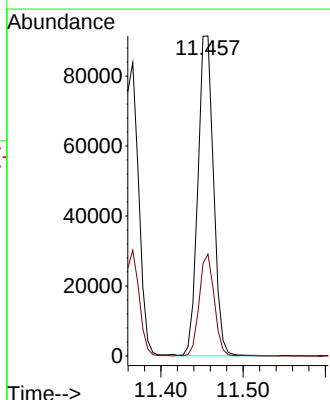
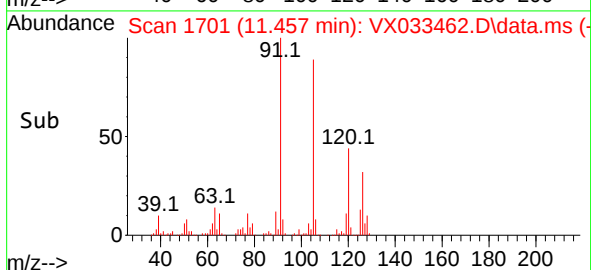
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

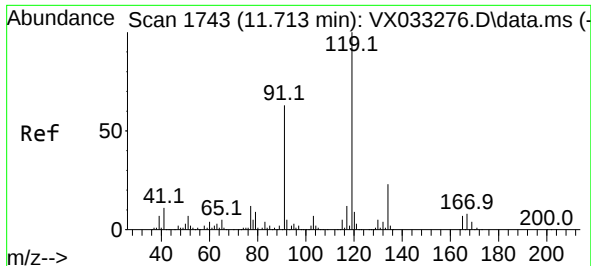


#82
4-Chlorotoluene
Concen: 20.362 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



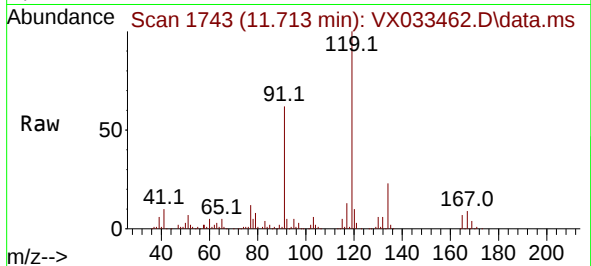
Tgt Ion: 91 Resp: 120785
Ion Ratio Lower Upper
91 100
126 30.5 14.8 44.4





#83
tert-Butylbenzene
Concen: 20.500 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

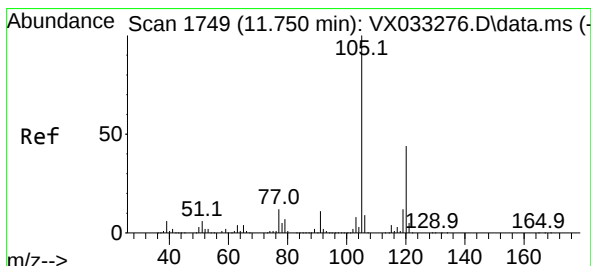
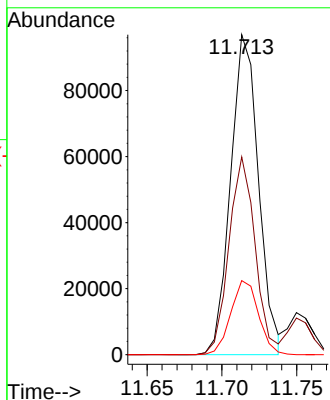
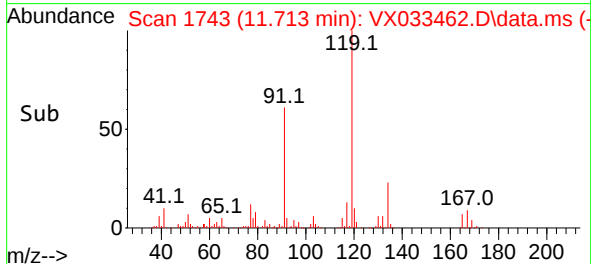
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



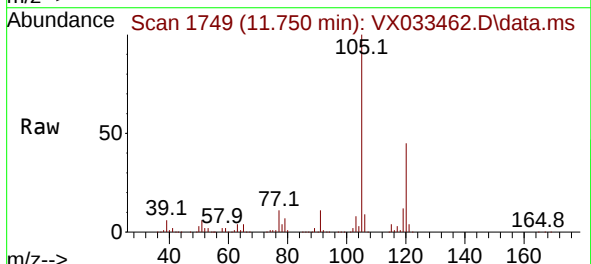
Tgt Ion:119 Resp: 125799
Ion Ratio Lower Upper
119 100
91 58.2 29.4 88.2
134 23.0 11.0 33.0

Manual Integrations
APPROVED

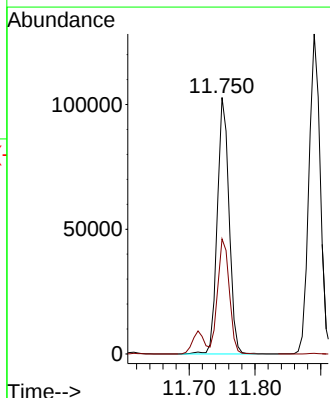
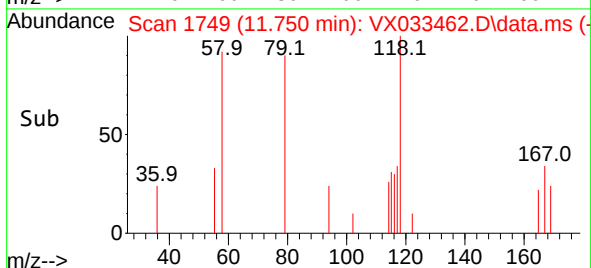
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

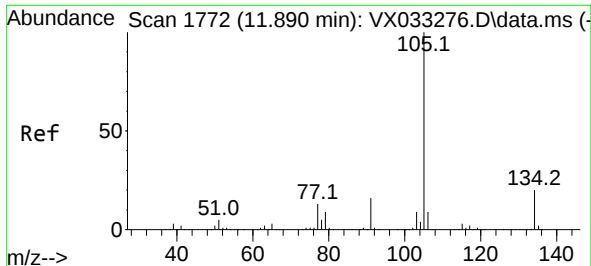


#84
1,2,4-Trimethylbenzene
Concen: 20.815 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



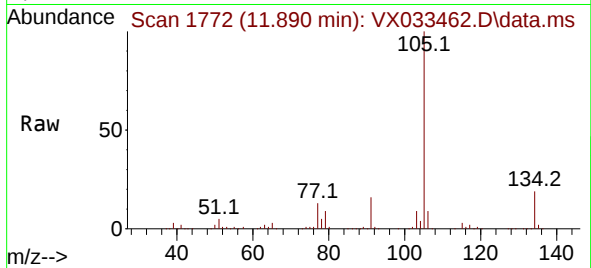
Tgt Ion:105 Resp: 127856
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 21.433 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033462.D
 Acq: 16 Dec 2022 15:47

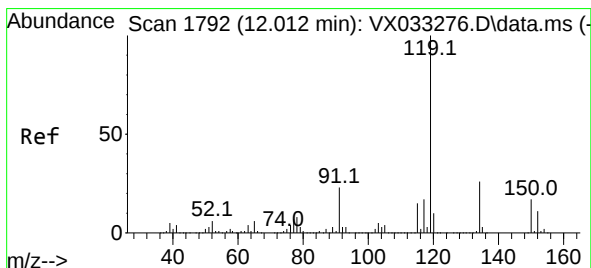
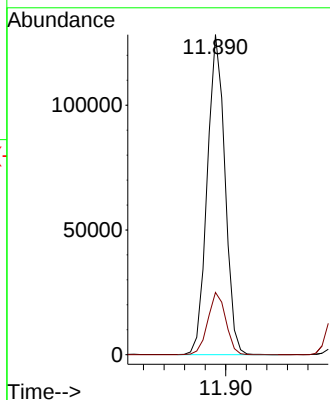
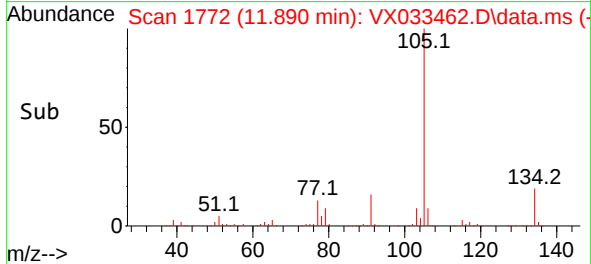
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBS02



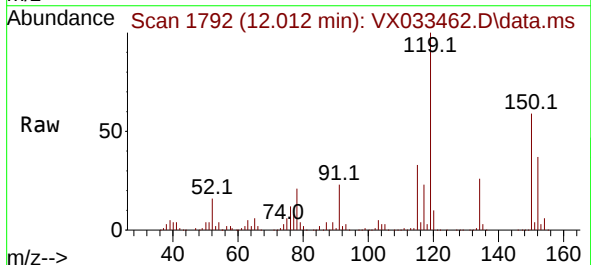
Tgt Ion:105 Resp: 153448
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
 APPROVED

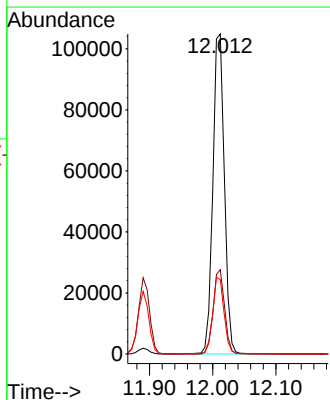
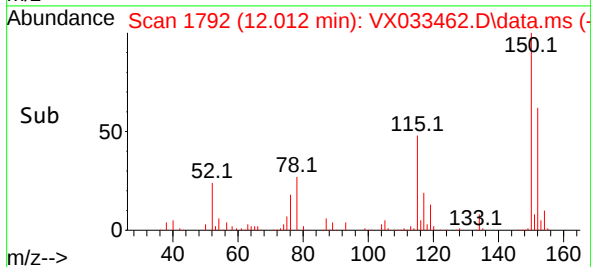
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

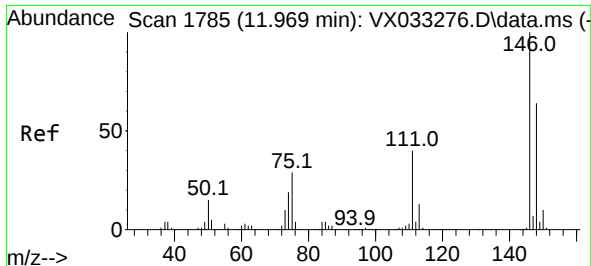


#86
 p-Isopropyltoluene
 Concen: 21.525 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033462.D
 Acq: 16 Dec 2022 15:47



Tgt Ion:119 Resp: 132866
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 23.6 12.5 37.5





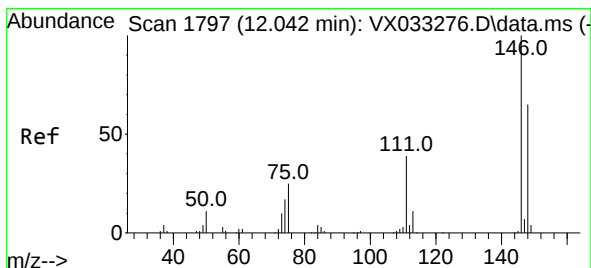
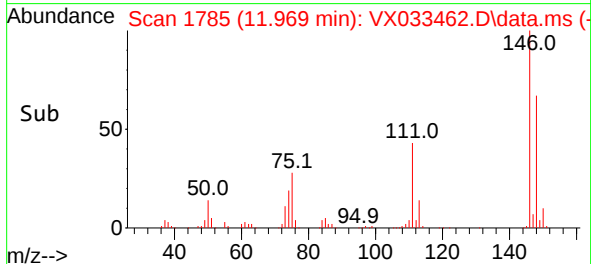
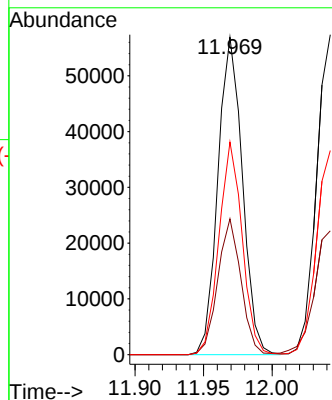
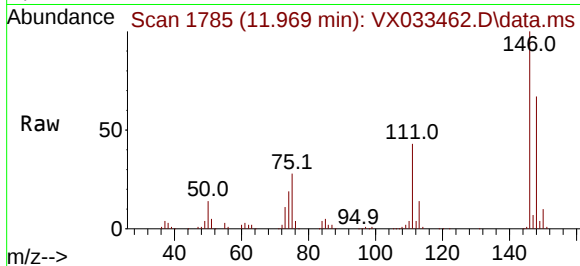
#87
1,3-Dichlorobenzene
Concen: 20.881 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02

Tgt Ion:146 Resp: 70610
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.8
148 63.8 31.7 95.1

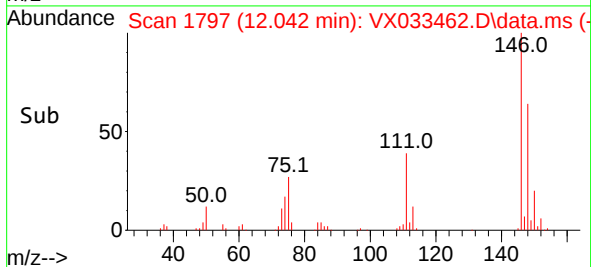
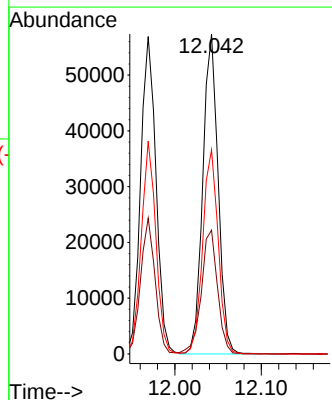
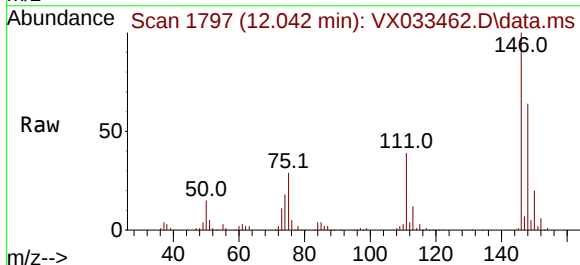
Manual Integrations
APPROVED

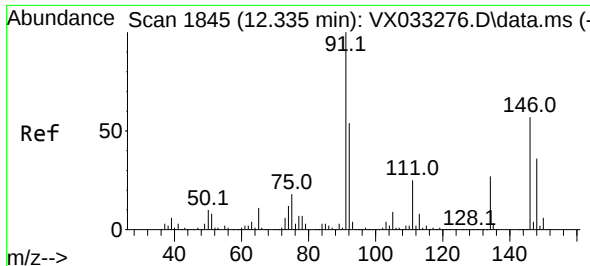
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#88
1,4-Dichlorobenzene
Concen: 20.373 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

Tgt Ion:146 Resp: 70370
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 64.7 32.2 96.6





#89

n-Butylbenzene

Concen: 21.422 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBS02

Tgt Ion: 91 Resp: 10830

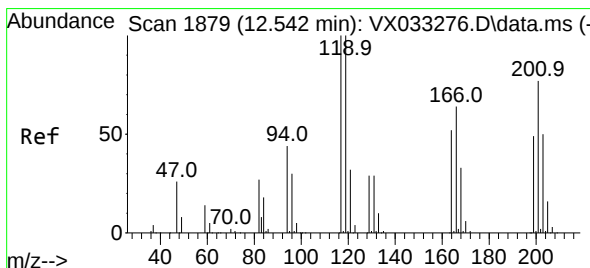
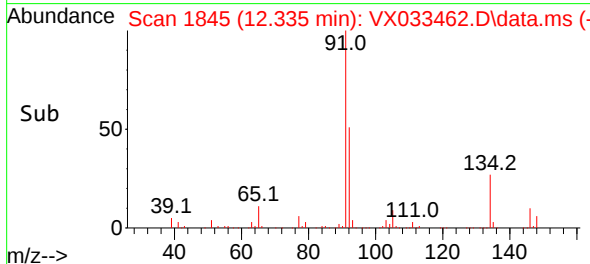
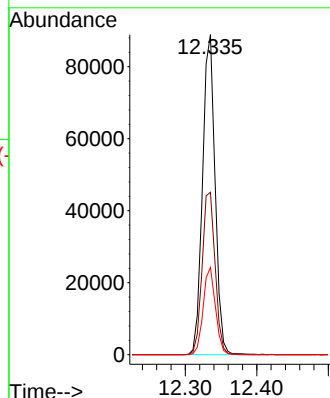
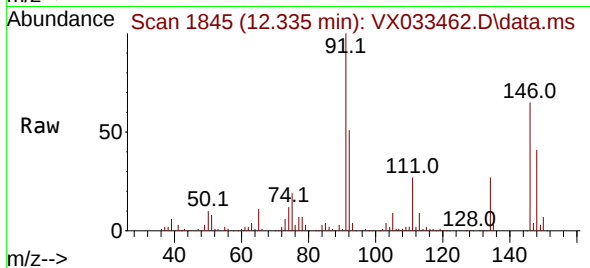
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.6
134	26.7	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#90

Hexachloroethane

Concen: 19.329 ug/l

RT: 12.536 min Scan# 1878

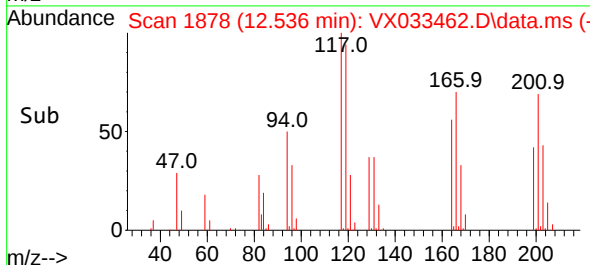
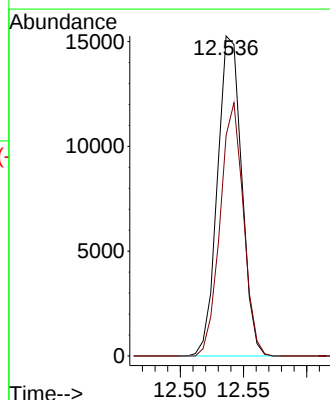
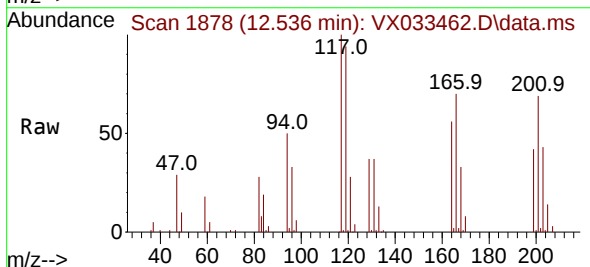
Delta R.T. -0.006 min

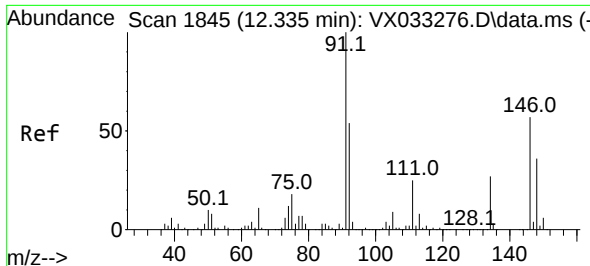
Lab File: VX033462.D

Acq: 16 Dec 2022 15:47

Tgt Ion:117 Resp: 20280

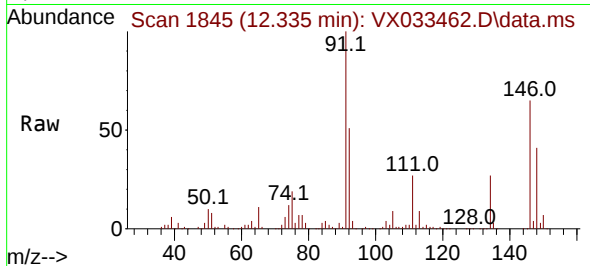
Ion	Ratio	Lower	Upper
117	100		
201	76.0	37.6	112.9





#91
1,2-Dichlorobenzene
Concen: 20.693 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

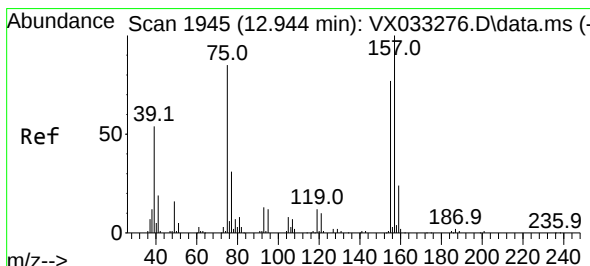
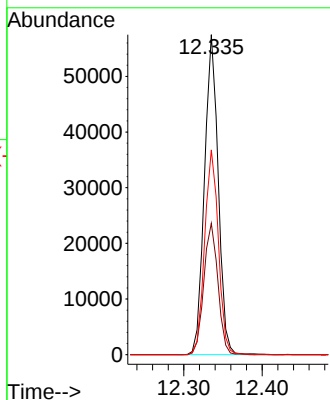
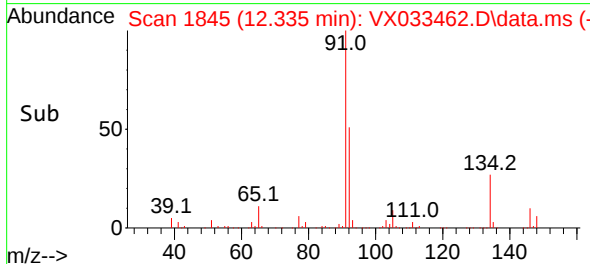
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



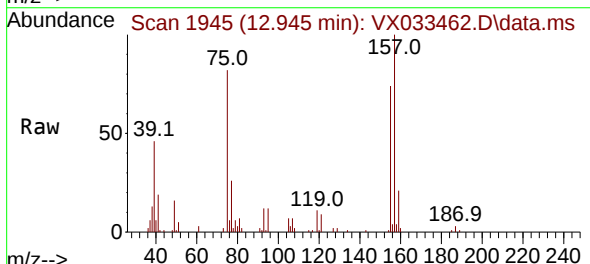
Tgt Ion:146 Resp: 6996
Ion Ratio Lower Upper
146 100
111 41.9 21.5 64.5
148 63.8 32.0 96.2

Manual Integrations
APPROVED

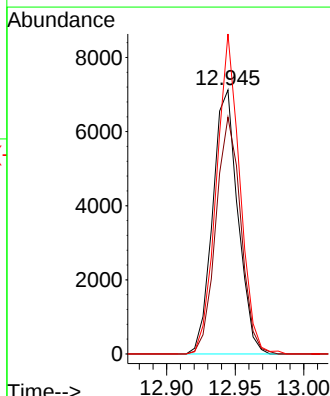
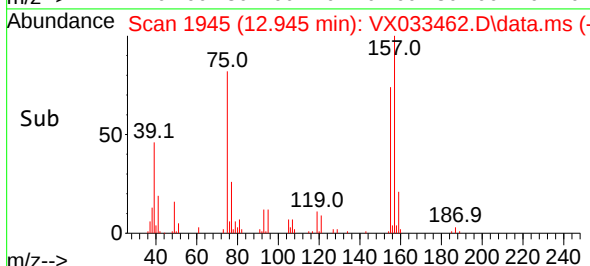
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

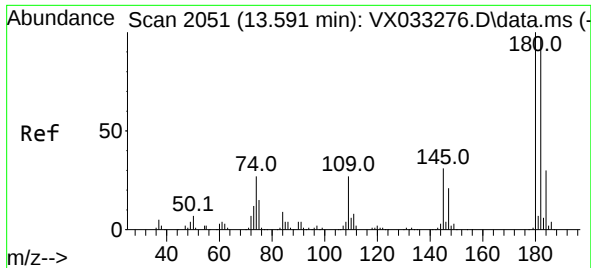


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.013 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



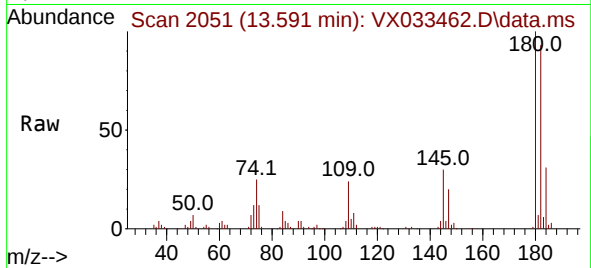
Tgt Ion: 75 Resp: 9125
Ion Ratio Lower Upper
75 100
155 88.4 41.6 124.8
157 112.4 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 21.023 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

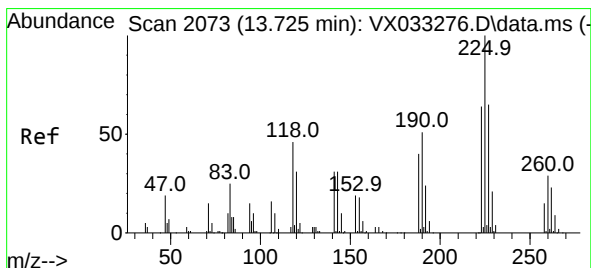
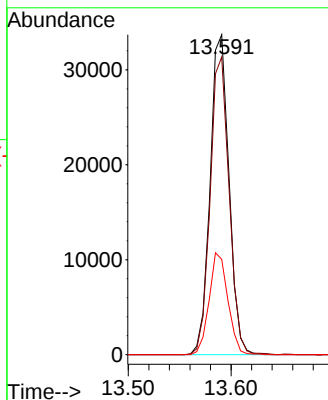
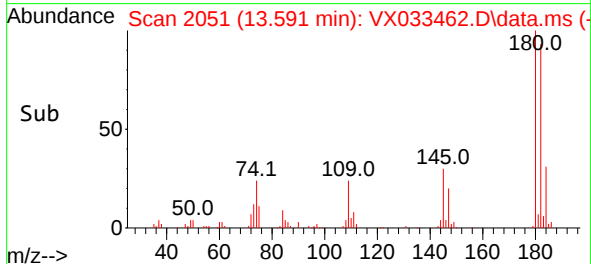
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



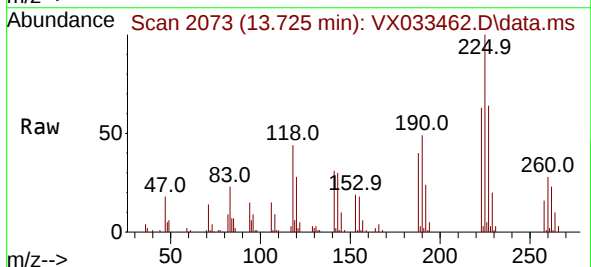
Tgt Ion:180 Resp: 42920
Ion Ratio Lower Upper
180 100
182 93.4 48.4 145.0
145 31.7 16.2 48.5

Manual Integrations
APPROVED

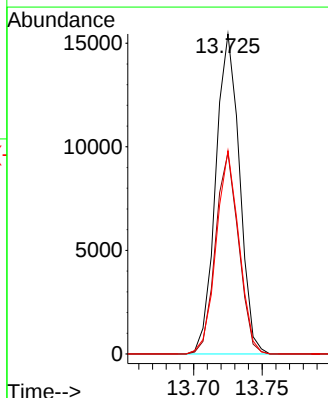
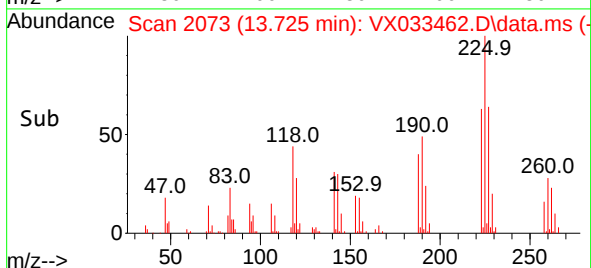
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

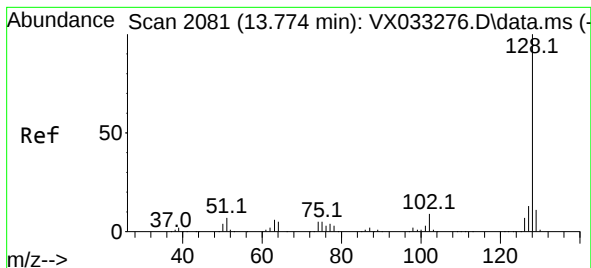


#94
Hexachlorobutadiene
Concen: 22.773 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



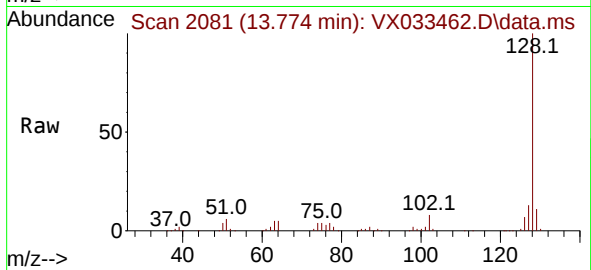
Tgt Ion:225 Resp: 18620
Ion Ratio Lower Upper
225 100
223 61.0 31.9 95.9
227 61.0 31.9 95.5





#95
Naphthalene
Concen: 20.600 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47

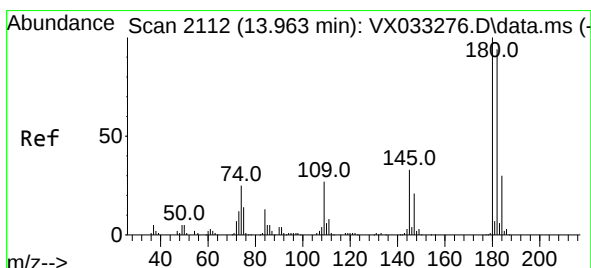
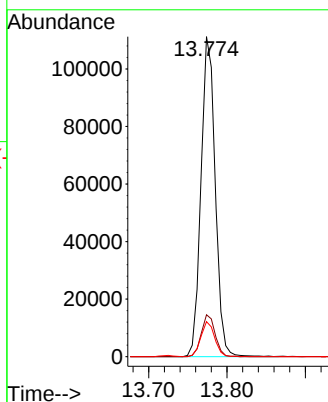
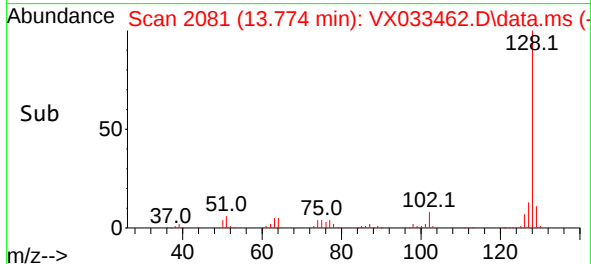
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBS02



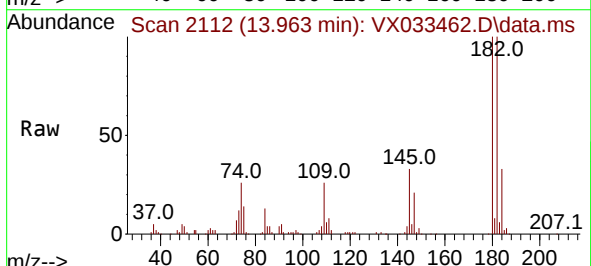
Tgt Ion:128 Resp: 140305
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.526 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033462.D
Acq: 16 Dec 2022 15:47



Tgt Ion:180 Resp: 42446
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 33.3 16.9 50.6

