

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033460.D
 Acq On : 16 Dec 2022 14:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 08:04:40 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	137127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39585	44.997	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.000%		
35) Dibromofluoromethane	5.385	113	45864	47.834	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	8.647	98	102557	51.131	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.260%		
62) 4-Bromofluorobenzene	11.079	95	83965	54.748	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	46818	48.876	ug/l	98
3) Chloromethane	1.294	50	47512	42.899	ug/l	96
4) Vinyl Chloride	1.374	62	54928	43.435	ug/l	99
5) Bromomethane	1.618	94	45418	48.939	ug/l	97
6) Chloroethane	1.685	64	40155	41.862	ug/l	100
7) Trichlorofluoromethane	1.886	101	85676	36.086	ug/l	98
8) Diethyl Ether	2.136	74	30751	35.860	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	67846	53.871	ug/l	98
10) Methyl Iodide	2.453	142	74604	54.087	ug/l	99
11) Tert butyl alcohol	2.983	59	55657m	206.936	ug/l	
12) 1,1-Dichloroethene	2.319	96	60799	48.906	ug/l	96
13) Acrolein	2.239	56	52135	178.729	ug/l	99
14) Allyl chloride	2.666	41	95253	47.980	ug/l	96
15) Acrylonitrile	3.062	53	159713	239.721	ug/l	99
16) Acetone	2.386	43	139000	213.529	ug/l	99
17) Carbon Disulfide	2.514	76	136004	42.625	ug/l	99
18) Methyl Acetate	2.703	43	95659	50.762	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	220465	51.197	ug/l	99
20) Methylene Chloride	2.788	84	68006	46.843	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	68041	50.034	ug/l	98
22) Diisopropyl ether	3.757	45	219361	51.572	ug/l	95
23) Vinyl Acetate	3.721	43	831427	251.838	ug/l	97
24) 1,1-Dichloroethane	3.611	63	122602	49.057	ug/l	99
25) 2-Butanone	4.556	43	226298	242.183	ug/l	98
26) 2,2-Dichloropropane	4.477	77	99998	54.409	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	82867	50.988	ug/l	98
28) Bromochloromethane	4.897	49	51336	49.070	ug/l	91
29) Tetrahydrofuran	5.001	42	145506	240.344	ug/l	97
30) Chloroform	5.093	83	141987	51.175	ug/l	100
31) Cyclohexane	5.471	56	107145	51.249	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	125688	52.651	ug/l	98
36) 1,1-Dichloropropene	5.696	75	98189	52.526	ug/l	98
37) Ethyl Acetate	4.708	43	88030	49.817	ug/l	100
38) Carbon Tetrachloride	5.678	117	110197	52.614	ug/l	98
39) Methylcyclohexane	7.379	83	117076	55.954	ug/l	100
40) Benzene	6.037	78	287046	52.665	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50733	52.101	ug/l	96
42) 1,2-Dichloroethane	6.086	62	110761	51.175	ug/l	99
43) Isopropyl Acetate	6.336	43	147273	51.798	ug/l	97
44) Trichloroethene	7.123	130	82270	54.746	ug/l	99
45) 1,2-Dichloropropane	7.427	63	72763	52.201	ug/l	98
46) Dibromomethane	7.580	93	54631	51.448	ug/l	97
47) Bromodichloromethane	7.818	83	111219	53.732	ug/l	96
48) Methyl methacrylate	7.690	41	75636	51.544	ug/l	92
49) 1,4-Dioxane	7.690	88	28986	866.251	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	479719	266.804	ug/l	95
52) Toluene	8.720	92	198584	56.352	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	113818	51.127	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	124295	56.431	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	82502	55.694	ug/l	98
56) Ethyl methacrylate	9.116	69	118373	56.755	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	130804	54.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	264017	276.653	ug/l	98
59) 2-Hexanone	9.427	43	366443	276.557	ug/l	95
60) Dibromochloromethane	9.519	129	90659	55.547	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87082	55.266	ug/l	100
64) Tetrachloroethene	9.275	164	76473	55.188	ug/l	98
65) Chlorobenzene	10.079	112	218895	53.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	83557	53.881	ug/l	99
67) Ethyl Benzene	10.195	91	396076	55.402	ug/l	99
68) m/p-Xylenes	10.299	106	309437	111.248	ug/l	96
69) o-Xylene	10.640	106	150132	54.606	ug/l	96
70) Styrene	10.652	104	253075	56.204	ug/l	97
71) Bromoform	10.799	173	65823	53.623	ug/l #	100
73) Isopropylbenzene	10.963	105	400113	53.996	ug/l	99
74) N-amyl acetate	10.841	43	132695	52.487	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	119459	50.817	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	108160m	52.001	ug/l	
77) Bromobenzene	11.195	156	98672	52.733	ug/l	97
78) n-propylbenzene	11.305	91	457536	55.299	ug/l	98
79) 2-Chlorotoluene	11.366	91	271215	53.040	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	339235	54.998	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34150	51.073	ug/l	94
82) 4-Chlorotoluene	11.451	91	312825	52.613	ug/l	97
83) tert-Butylbenzene	11.713	119	330021	53.655	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	335373	54.470	ug/l	99
85) sec-Butylbenzene	11.890	105	403715	56.256	ug/l	99
86) p-Isopropyltoluene	12.012	119	346666	56.030	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	185016	54.584	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	187065	54.030	ug/l	98
89) n-Butylbenzene	12.335	91	292978	57.815	ug/l	99
90) Hexachloroethane	12.536	117	54665	51.979	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	180199	53.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24161	47.582	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	114143	55.771	ug/l	99
94) Hexachlorobutadiene	13.725	225	48477	59.151	ug/l	99
95) Naphthalene	13.774	128	375552	55.011	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112203	54.131	ug/l	99

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

Manual Integrations APPROVED

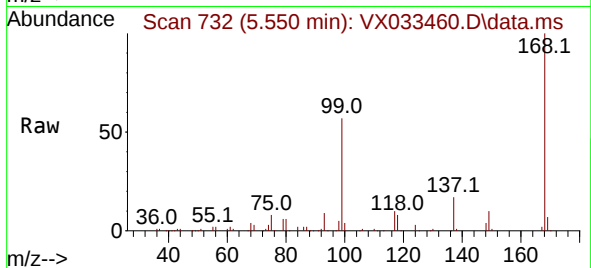
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033460.D
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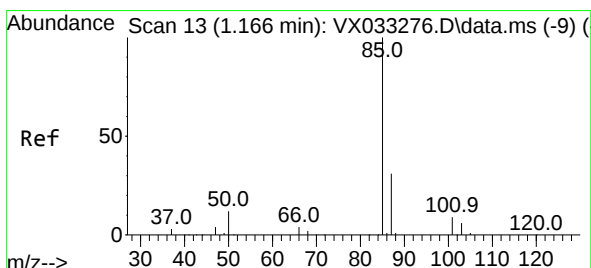
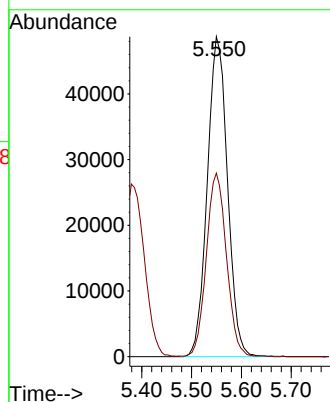
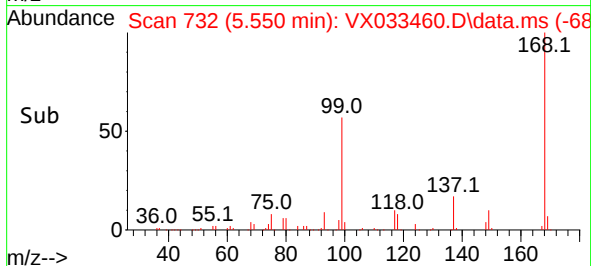
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13712
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1

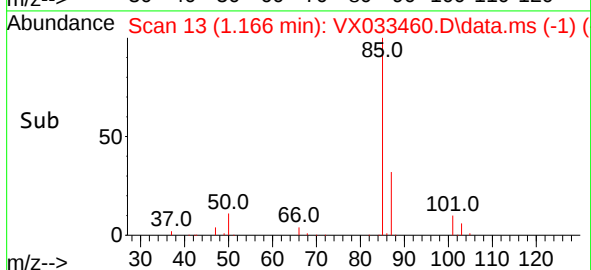
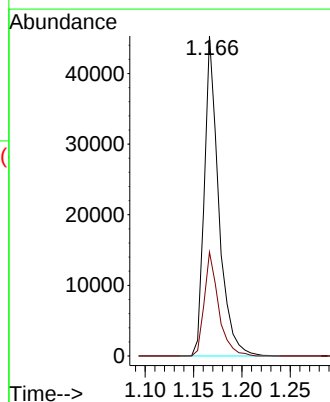
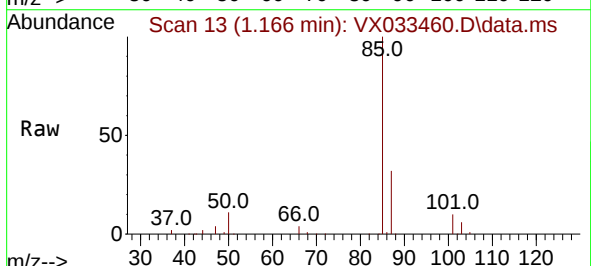
Manual Integrations
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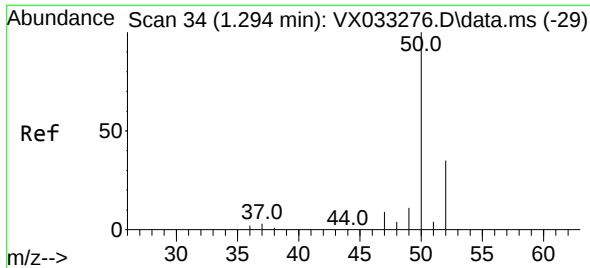
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#2
Dichlorodifluoromethane
Concen: 48.876 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 85 Resp: 46818
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.7





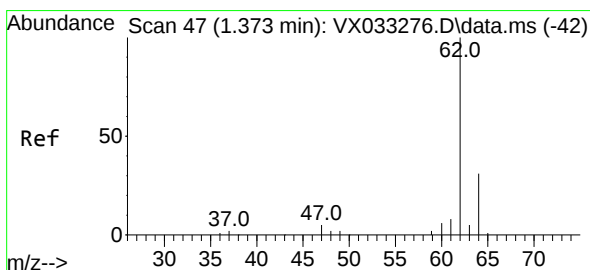
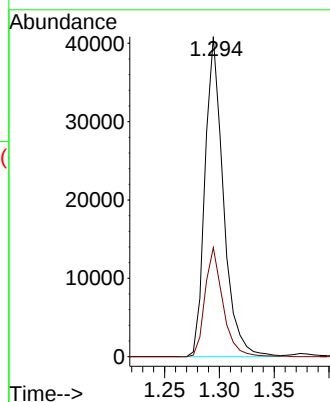
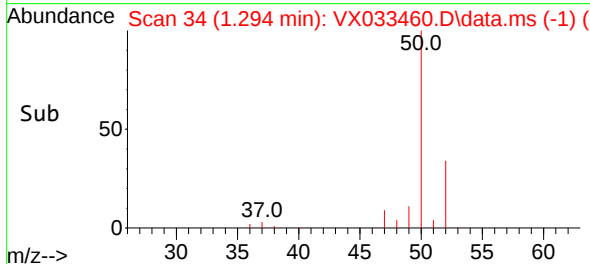
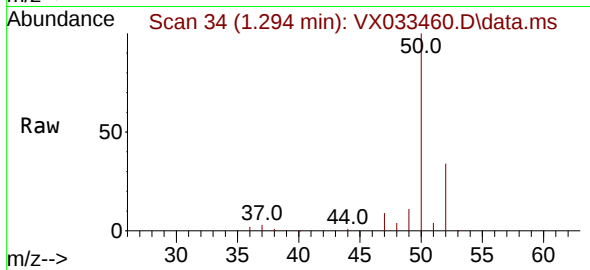
#3
Chloromethane
Concen: 42.899 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 47512
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2

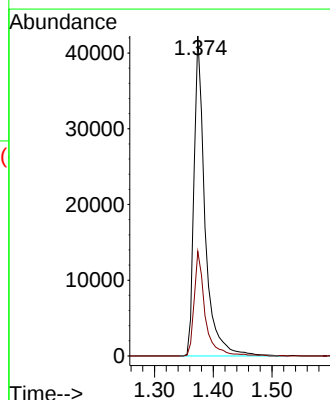
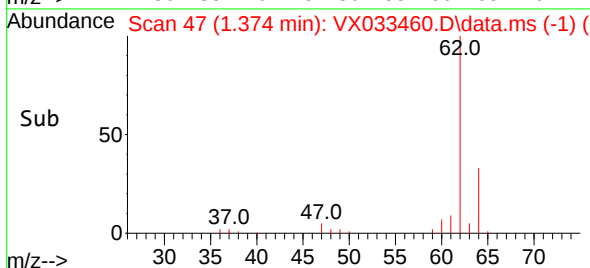
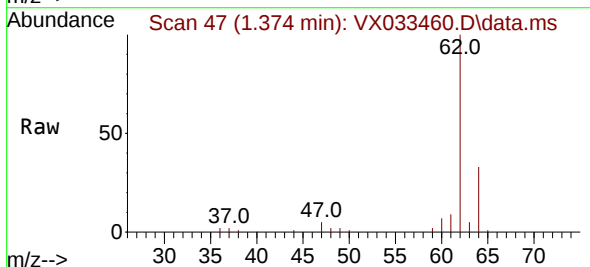
Manual Integrations
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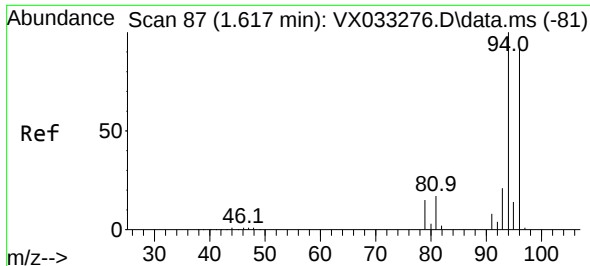
Reviewed By :John Carlone 12/19/2022
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#4
Vinyl Chloride
Concen: 43.435 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 62 Resp: 54928
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6





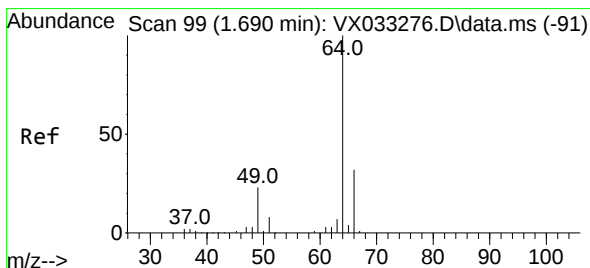
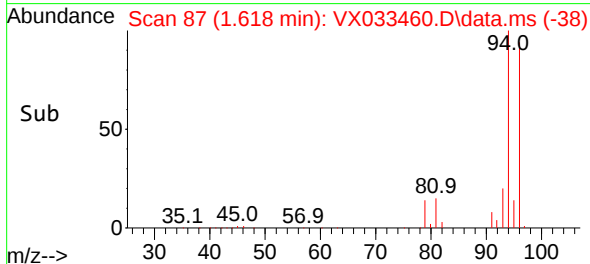
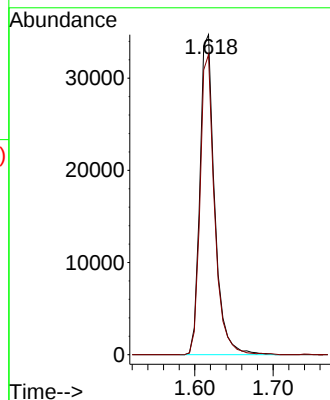
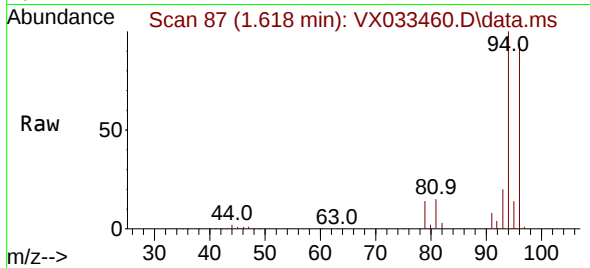
#5
Bromomethane
Concen: 48.939 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 45418
Ion Ratio Lower Upper
94 100
96 93.8 77.6 116.4

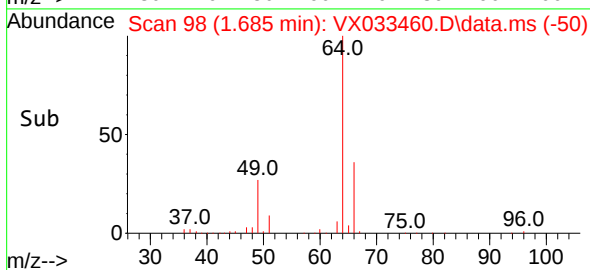
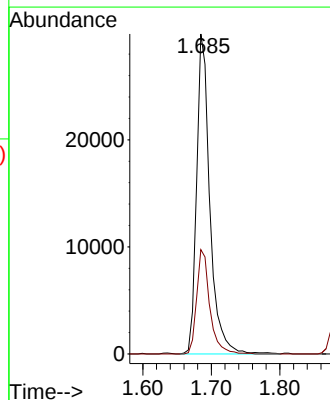
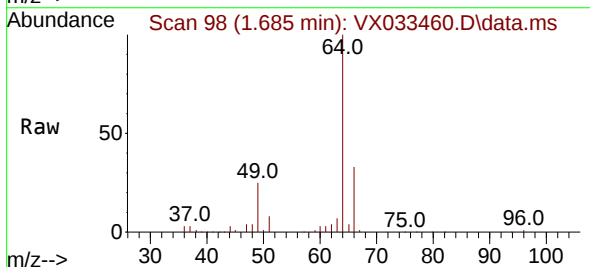
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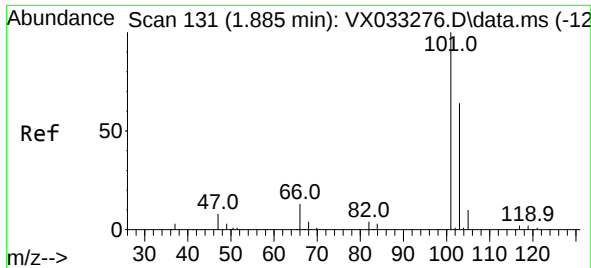
Reviewed By :John Carlone 12/19/2022
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#6
Chloroethane
Concen: 41.862 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033460.D
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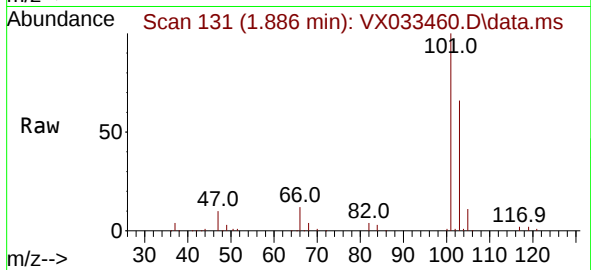
Tgt Ion: 64 Resp: 40155
Ion Ratio Lower Upper
64 100
66 32.6 26.0 39.0





#7
Trichlorofluoromethane
Concen: 36.086 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

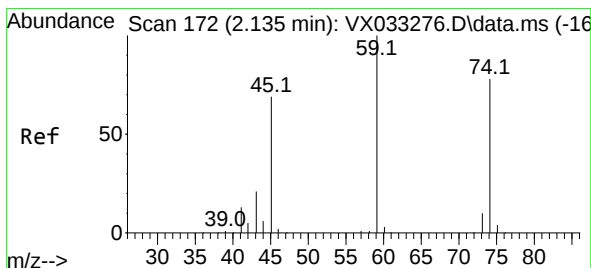
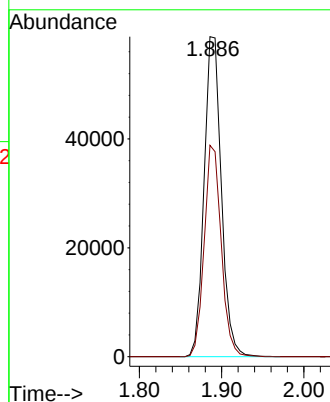
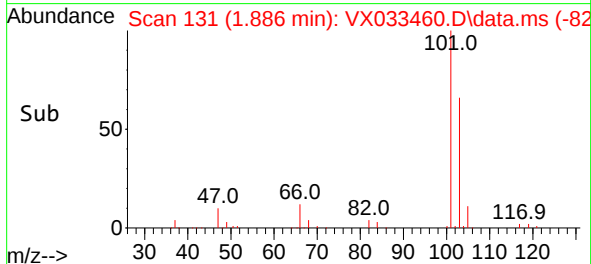
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 85670
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

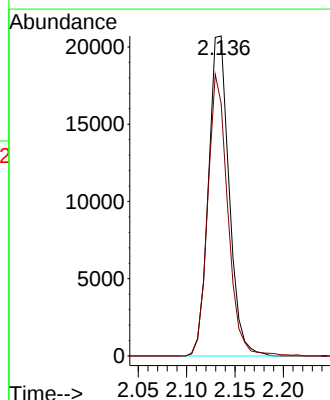
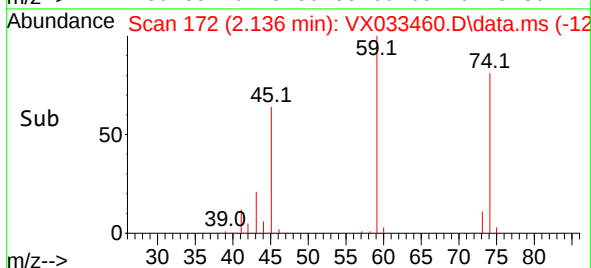
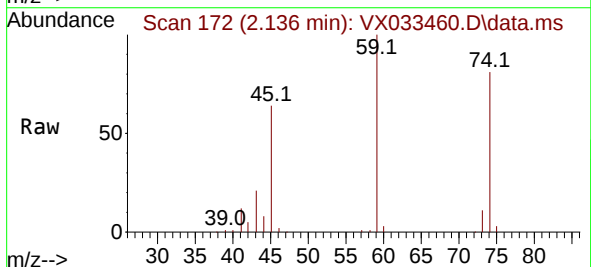
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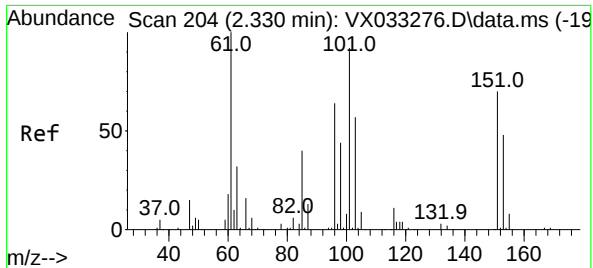
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#8
Diethyl Ether
Concen: 35.860 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 74 Resp: 30751
Ion Ratio Lower Upper
74 100
45 85.5 46.6 139.7





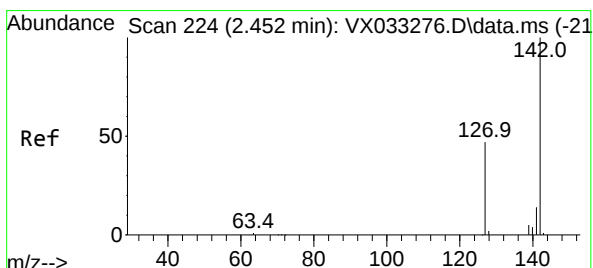
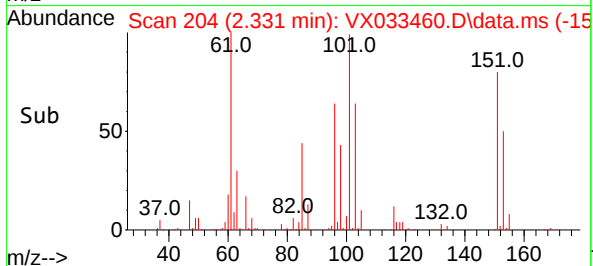
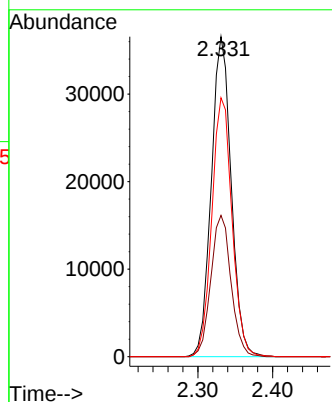
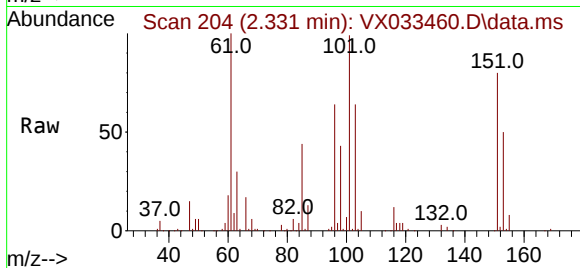
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.871 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 67840
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.4
151 82.0 64.4 96.6

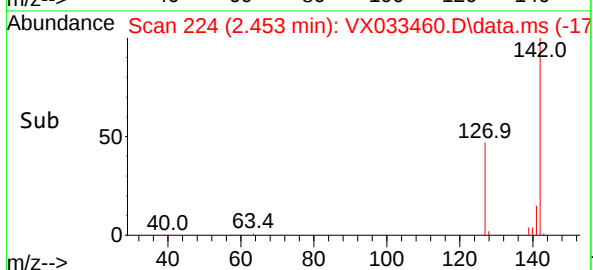
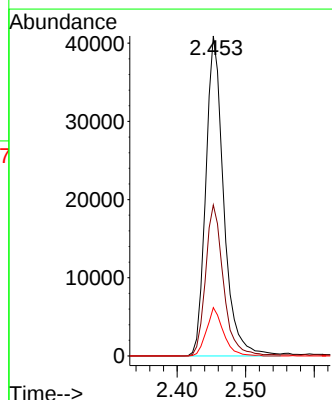
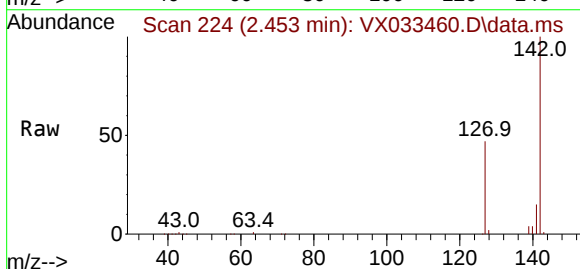
Manual Integrations
APPROVED

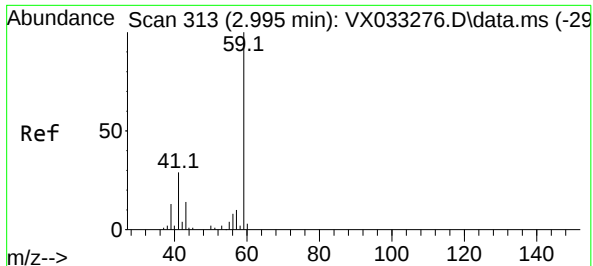
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#10
Methyl Iodide
Concen: 54.087 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion:142 Resp: 74604
Ion Ratio Lower Upper
142 100
127 47.3 38.6 57.8
141 14.3 11.4 17.2





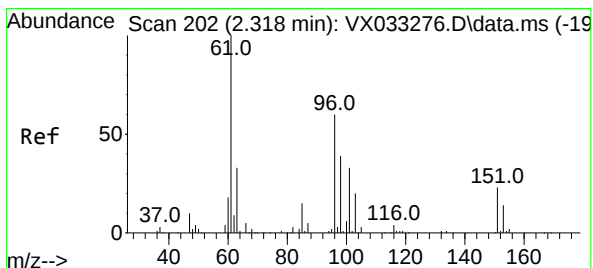
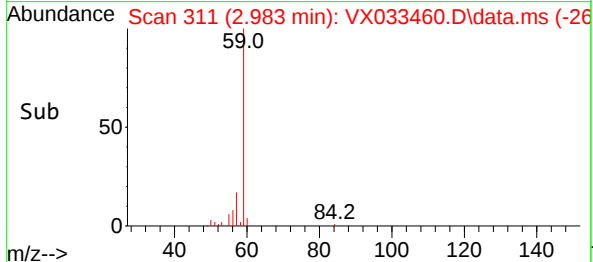
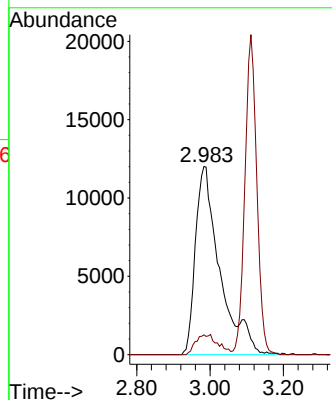
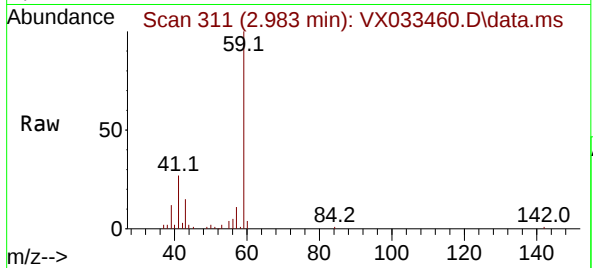
#11
Tert butyl alcohol
Concen: 206.936 ug/l m
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5565
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

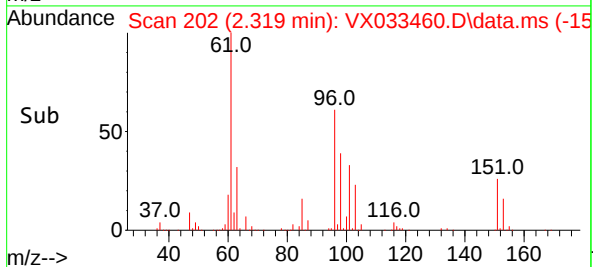
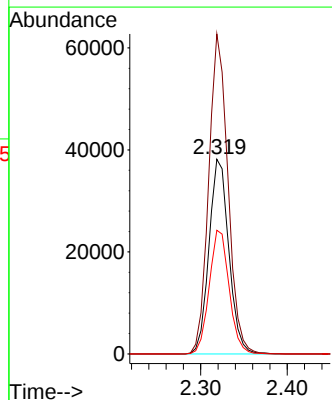
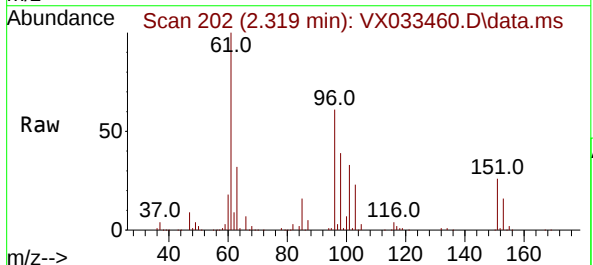
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 48.906 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

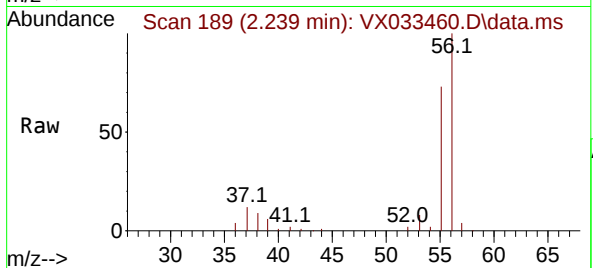
Tgt Ion: 96 Resp: 60799
Ion Ratio Lower Upper
96 100
61 164.3 125.1 187.7
98 63.6 50.6 76.0





#13
Acrolein
Concen: 178.729 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

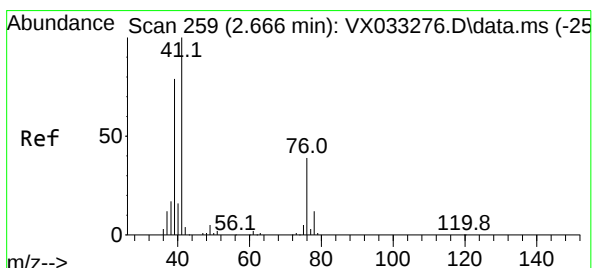
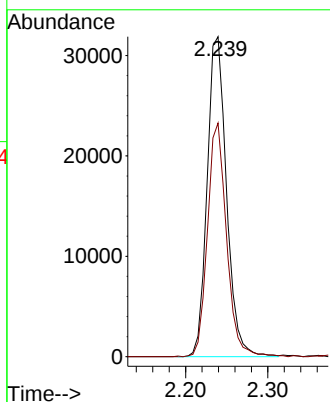
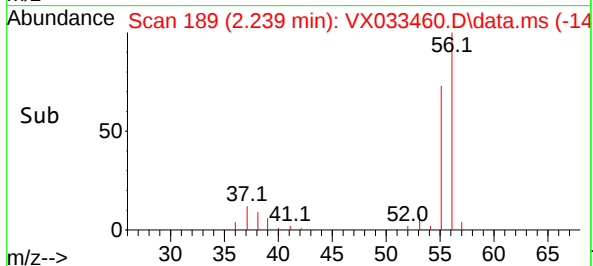
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



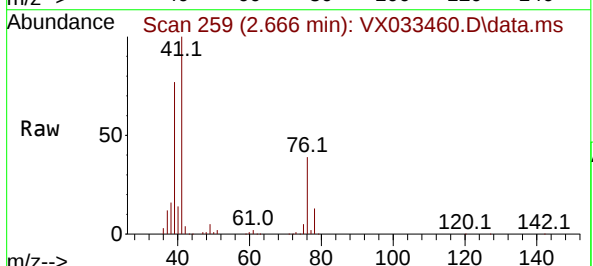
Tgt Ion: 56 Resp: 52135
Ion Ratio Lower Upper
56 100
55 71.9 56.9 85.3

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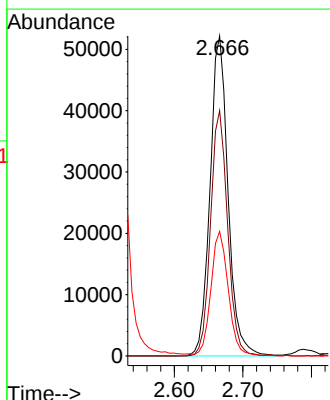
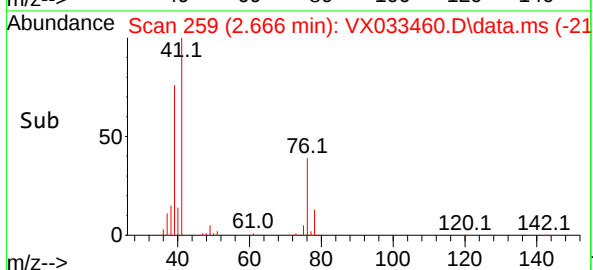
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

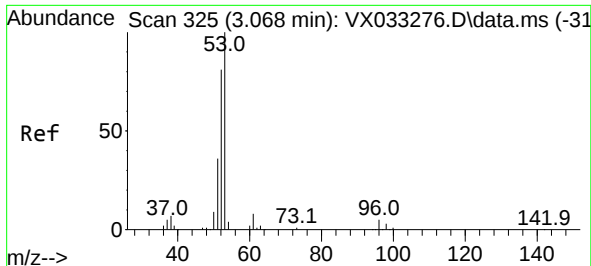


#14
Allyl chloride
Concen: 47.980 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50



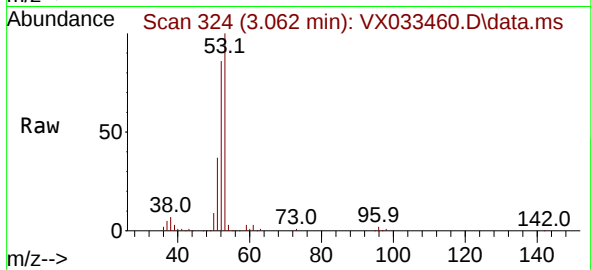
Tgt Ion: 41 Resp: 95253
Ion Ratio Lower Upper
41 100
39 72.7 61.4 92.2
76 37.7 29.2 43.8





#15
Acrylonitrile
Concen: 239.721 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

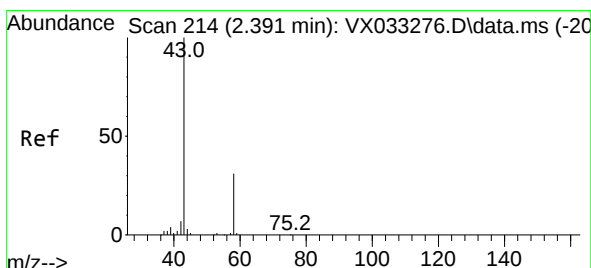
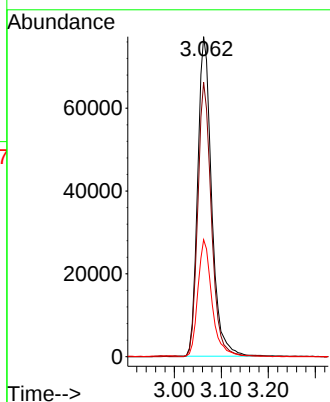
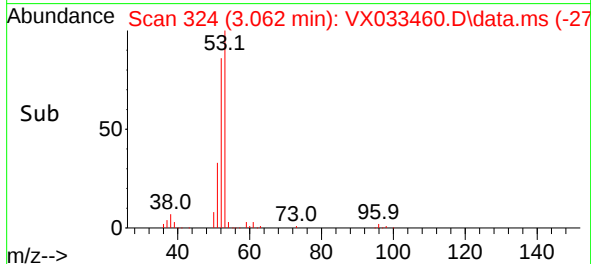
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 15971
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.0
51 36.8 30.3 45.5

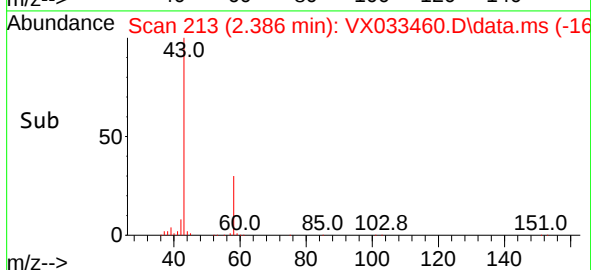
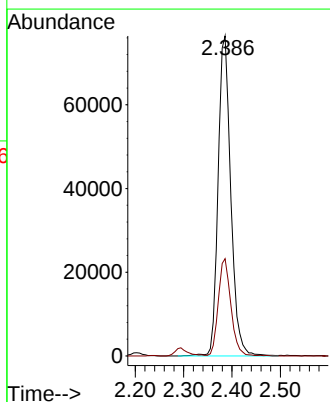
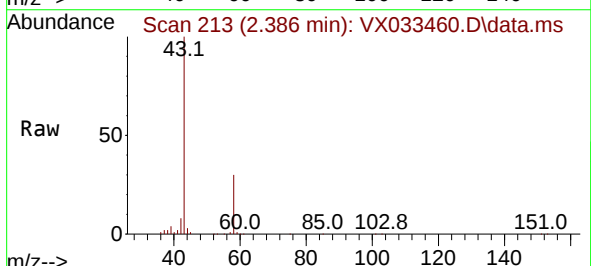
Manual Integrations
APPROVED

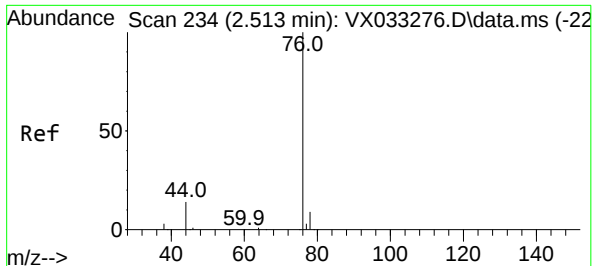
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Acetone
Concen: 213.529 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 43 Resp: 139000
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8





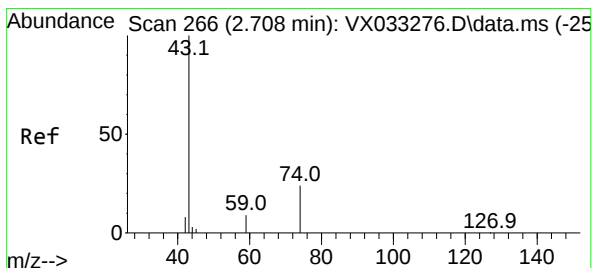
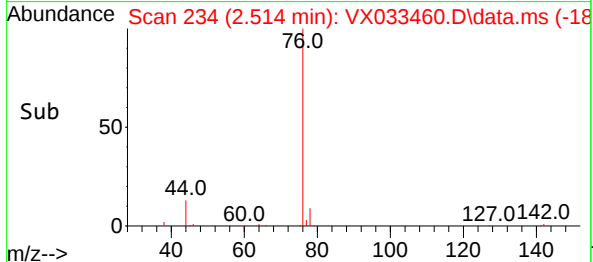
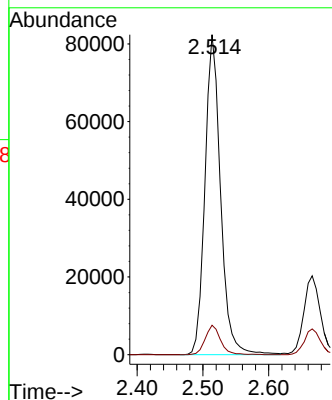
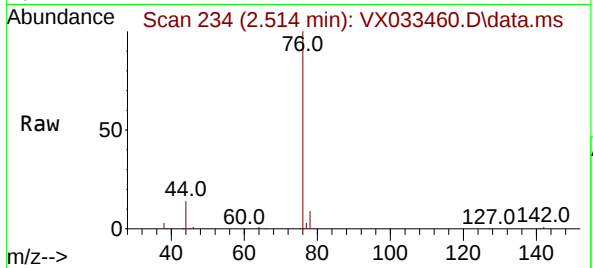
#17
Carbon Disulfide
Concen: 42.625 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 136004
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

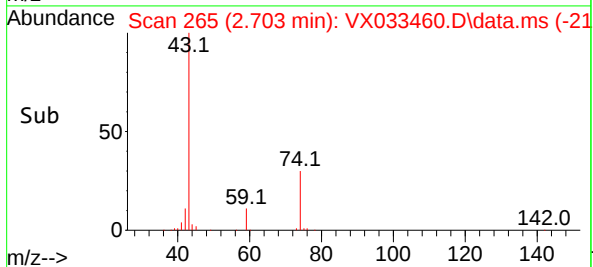
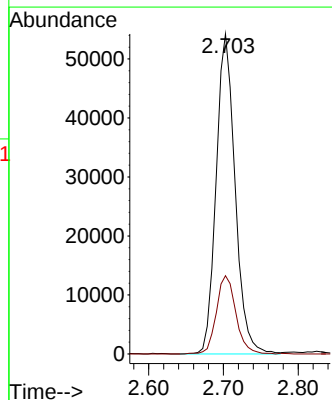
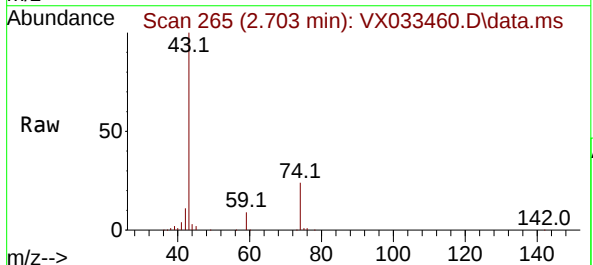
Manual Integrations
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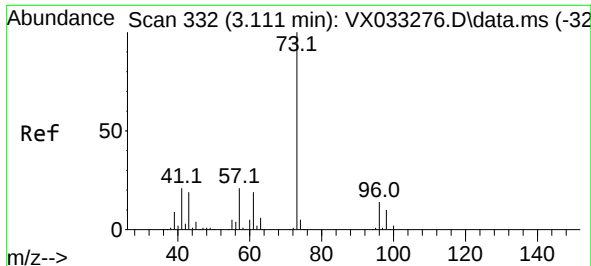
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#18
Methyl Acetate
Concen: 50.762 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

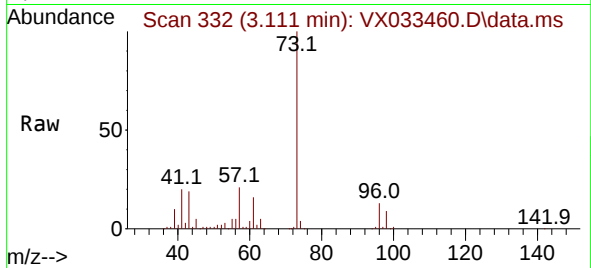
Tgt Ion: 43 Resp: 95659
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 51.197 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

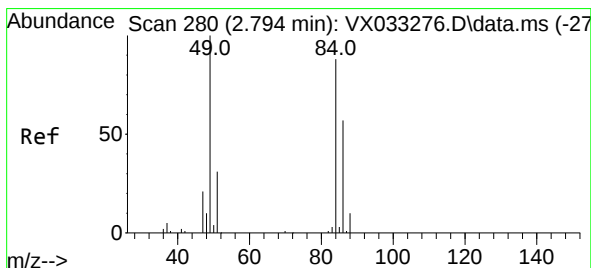
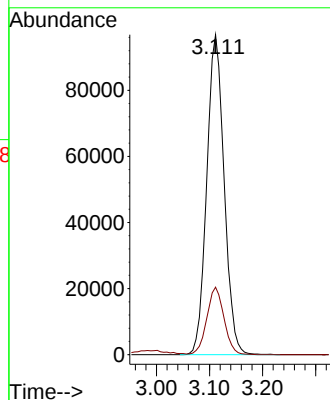
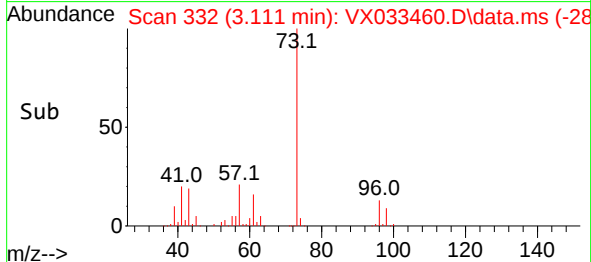
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 22046
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

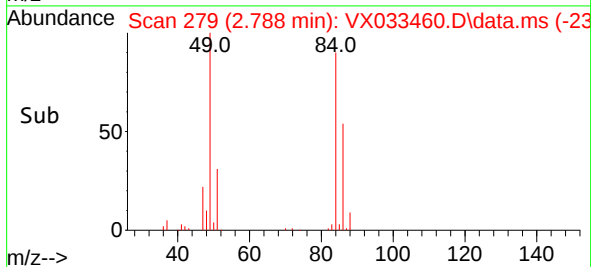
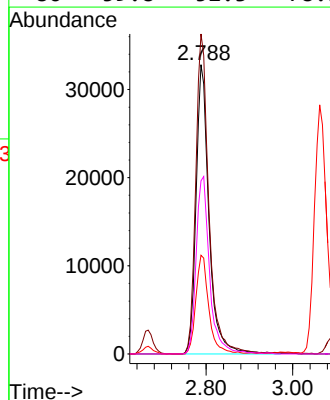
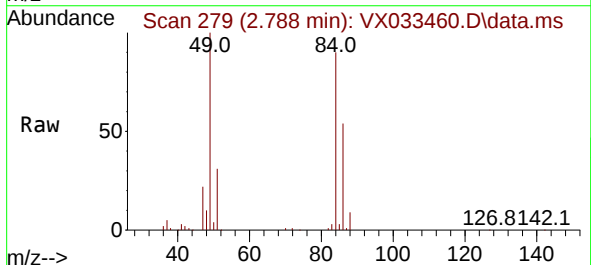
Manual Integrations
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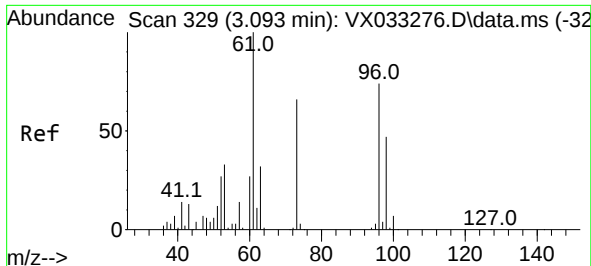
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#20
Methylene Chloride
Concen: 46.843 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

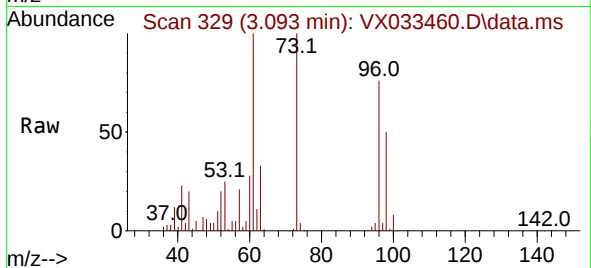
Tgt Ion: 84 Resp: 68006
Ion Ratio Lower Upper
84 100
49 110.6 101.0 151.6
51 34.1 31.1 46.7
86 59.8 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.034 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

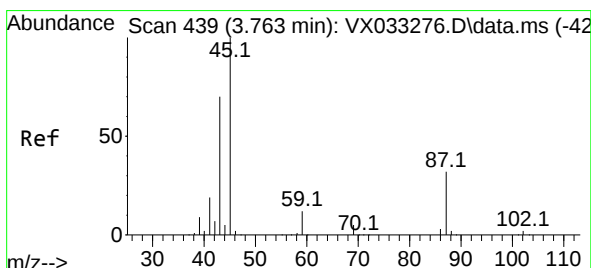
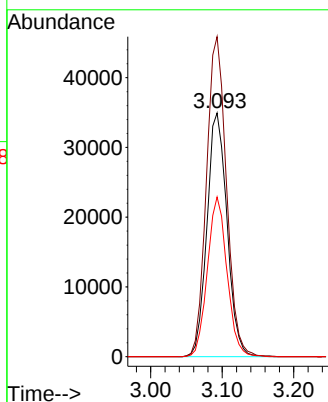
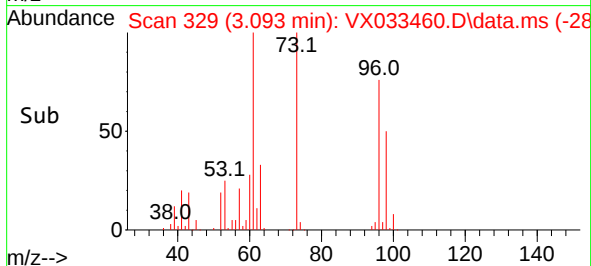
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



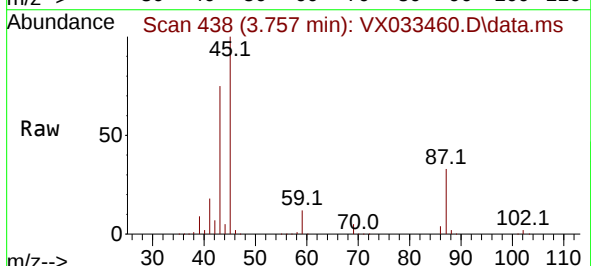
Tgt Ion: 96 Resp: 6804
Ion Ratio Lower Upper
96 100
61 131.3 106.6 160.0
98 65.6 51.0 76.6

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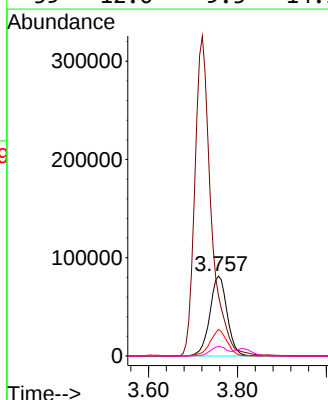
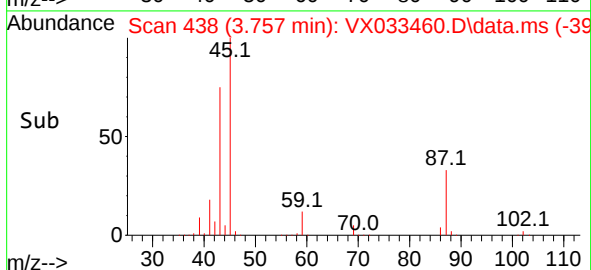
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

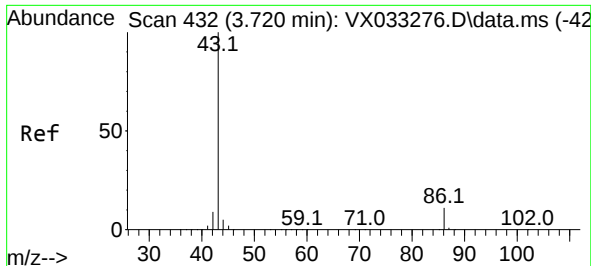


#22
Diisopropyl ether
Concen: 51.572 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50



Tgt Ion: 45 Resp: 219361
Ion Ratio Lower Upper
45 100
43 75.2 56.4 84.6
87 33.3 24.4 36.6
59 12.0 9.5 14.3





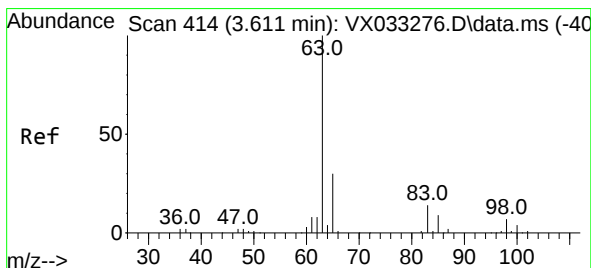
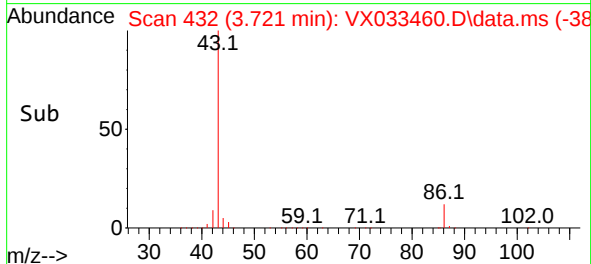
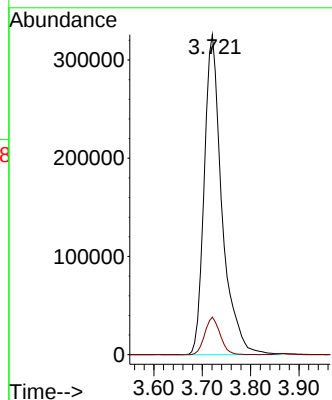
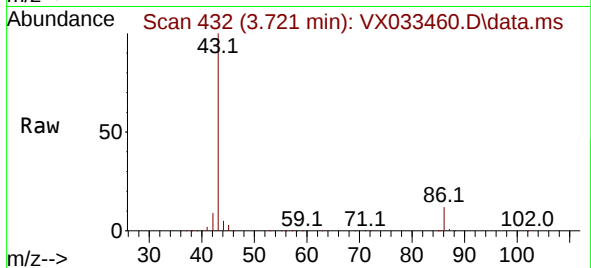
#23
 Vinyl Acetate
 Concen: 251.838 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033460.D
 Acq: 16 Dec 2022 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 83142
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 12.8

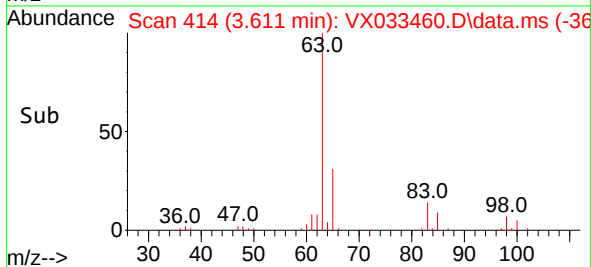
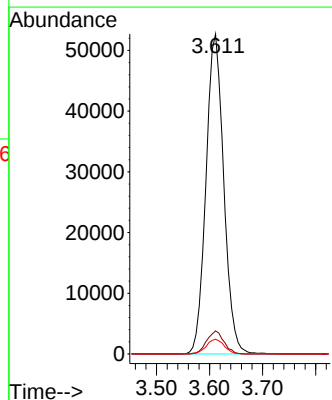
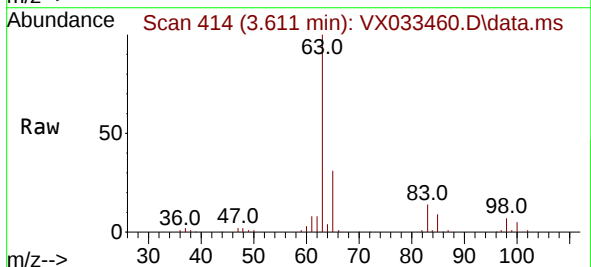
Manual Integrations
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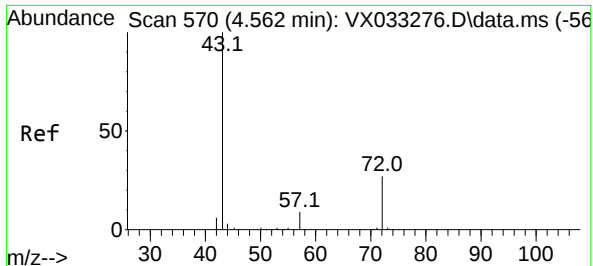
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#24
 1,1-Dichloroethane
 Concen: 49.057 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033460.D
 Acq: 16 Dec 2022 14:50

Tgt Ion: 63 Resp: 122602
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 242.183 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 226298

Ion Ratio Lower Upper

43 100

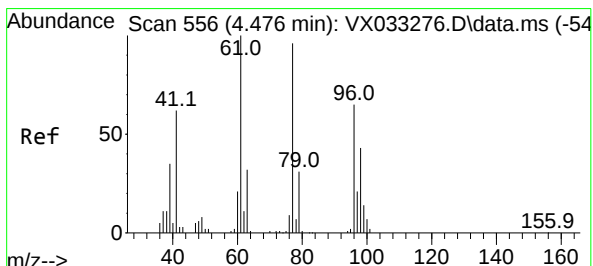
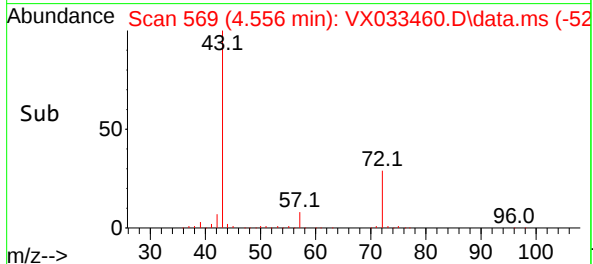
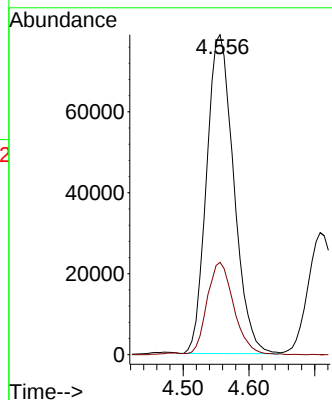
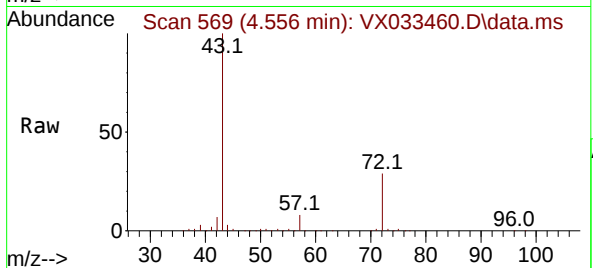
72 28.7 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#26

2,2-Dichloropropane

Concen: 54.409 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033460.D

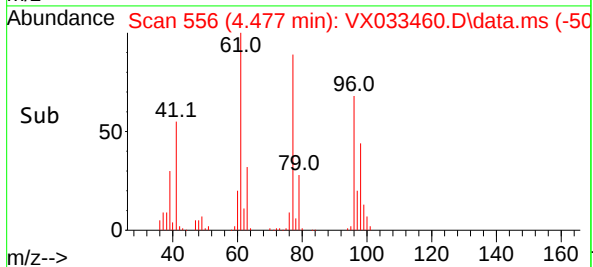
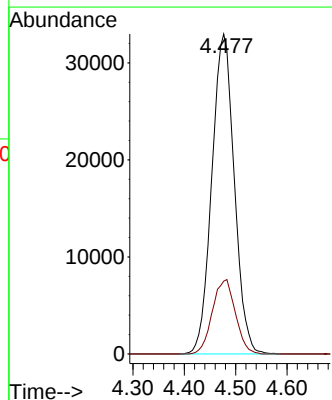
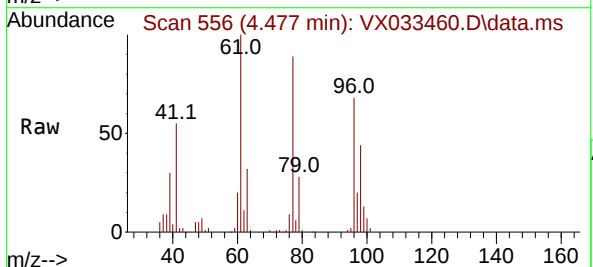
Acq: 16 Dec 2022 14:50

Tgt Ion: 77 Resp: 99998

Ion Ratio Lower Upper

77 100

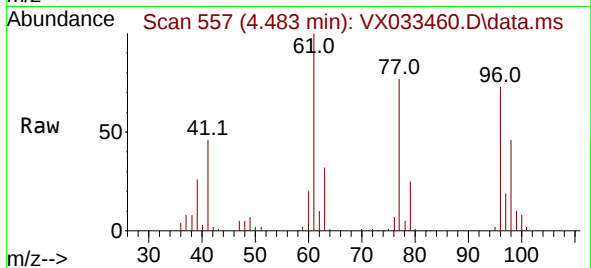
97 23.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.988 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX033460.D
 Acq: 16 Dec 2022 14:50

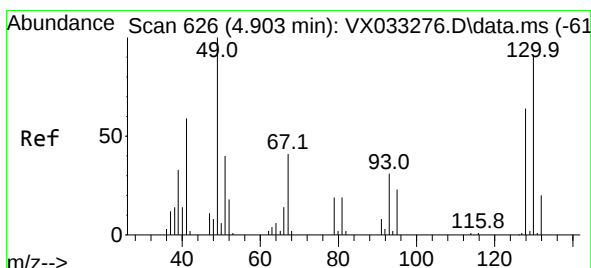
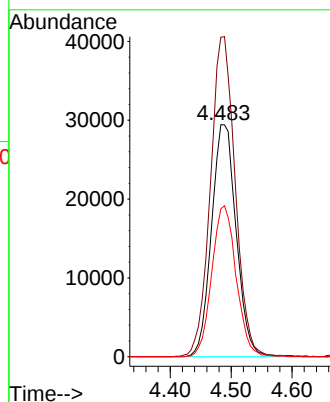
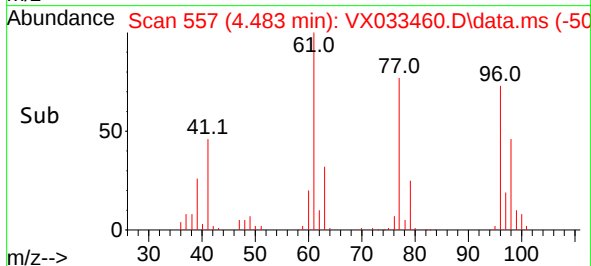
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 8286
 Ion Ratio Lower Upper
 96 100
 61 139.0 0.0 286.0
 98 64.2 0.0 129.6

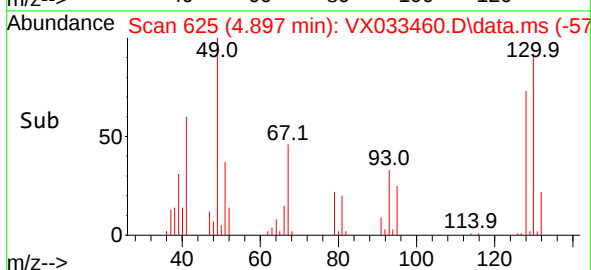
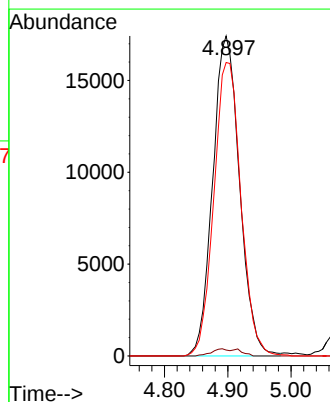
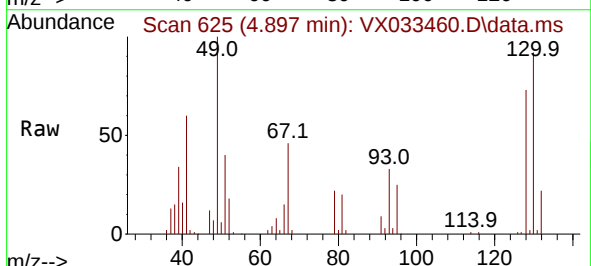
Manual Integrations
 APPROVED

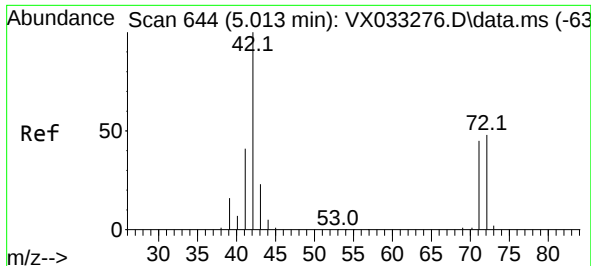
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#28
 Bromochloromethane
 Concen: 49.070 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX033460.D
 Acq: 16 Dec 2022 14:50

Tgt Ion: 49 Resp: 51336
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 92.4 67.5 101.3





#29

Tetrahydrofuran

Concen: 240.344 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 145500

Ion Ratio Lower Upper

42 100

72 48.8 37.6 56.4

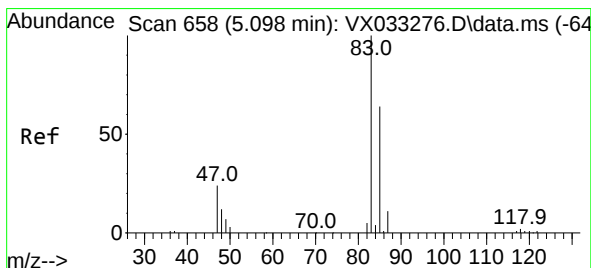
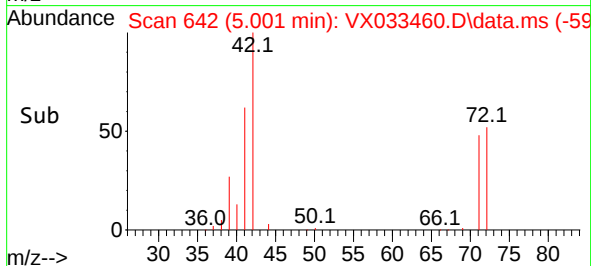
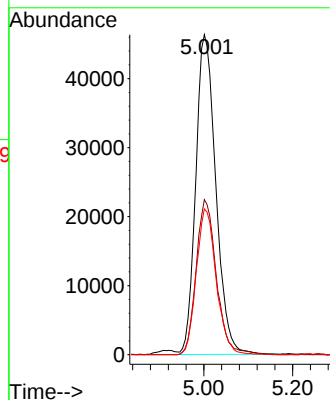
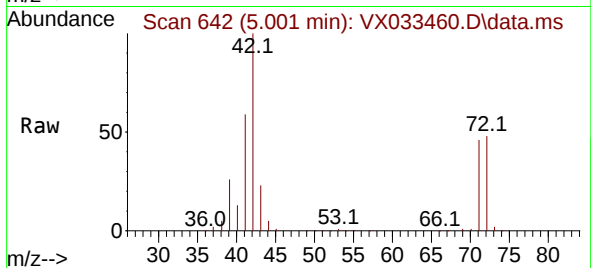
71 45.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 51.175 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX033460.D

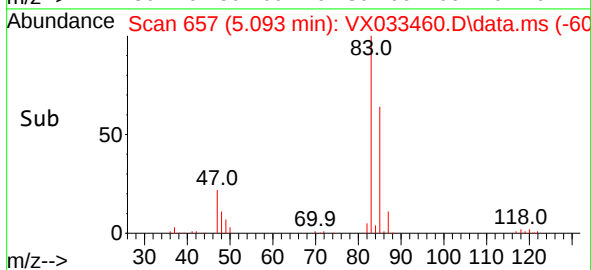
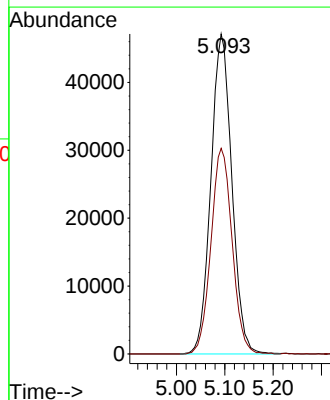
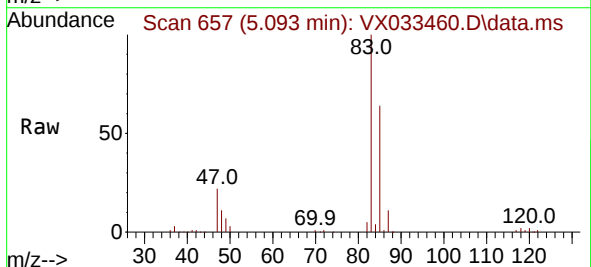
Acq: 16 Dec 2022 14:50

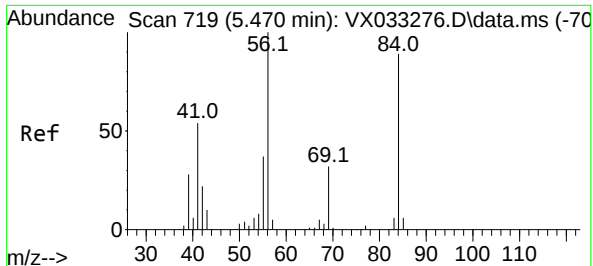
Tgt Ion: 83 Resp: 141987

Ion Ratio Lower Upper

83 100

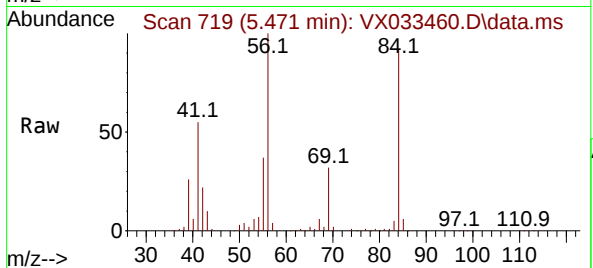
85 64.3 51.1 76.7





#31
Cyclohexane
Concen: 51.249 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

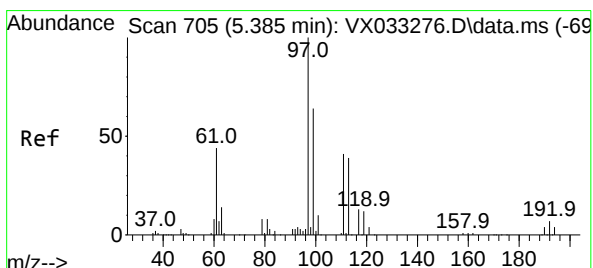
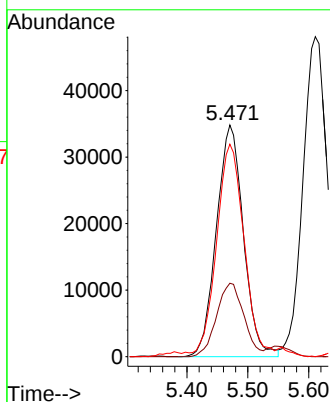
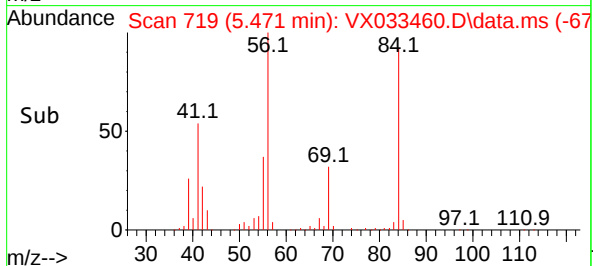
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



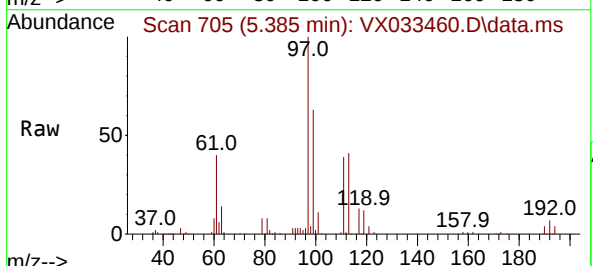
Tgt Ion: 56 Resp: 107145
Ion Ratio Lower Upper
56 100
69 31.7 24.1 36.1
84 90.0 66.9 100.3

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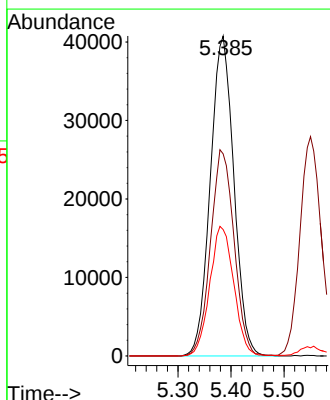
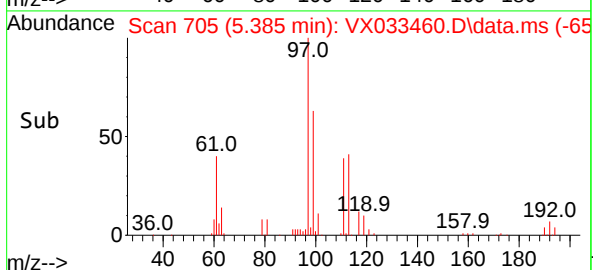
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

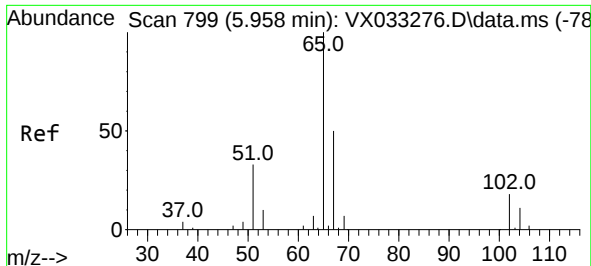


#32
1,1,1-Trichloroethane
Concen: 52.651 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50



Tgt Ion: 97 Resp: 125688
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 41.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.997 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 3958

Ion Ratio Lower Upper

65 100

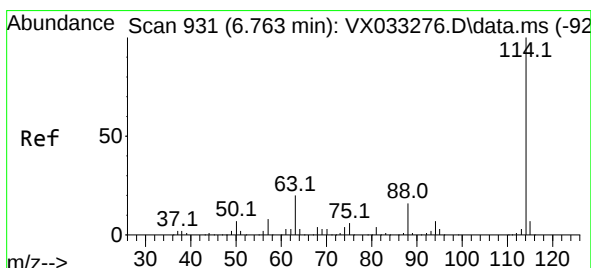
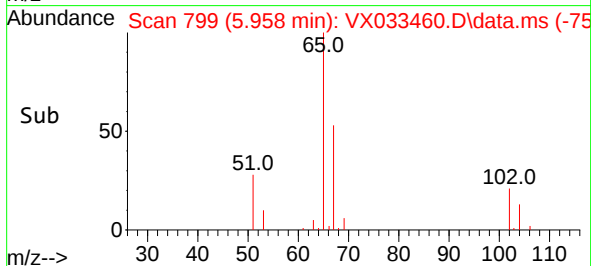
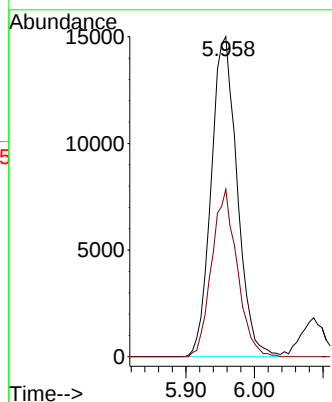
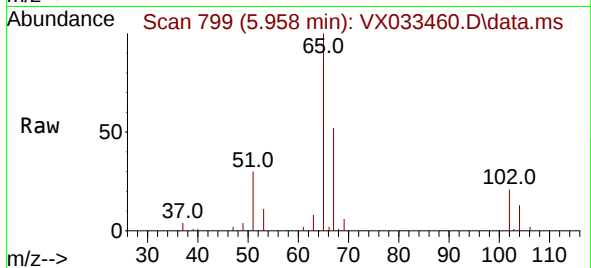
67 51.0 0.0 101.8

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: VX033460.D

Acq: 16 Dec 2022 14:50

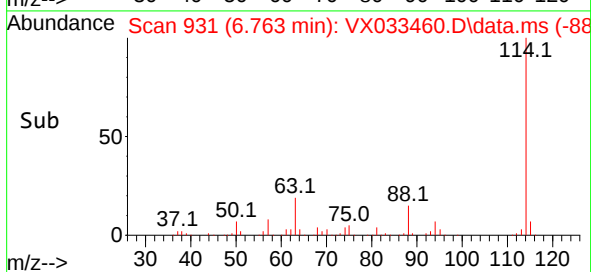
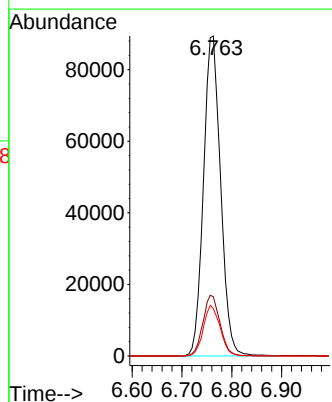
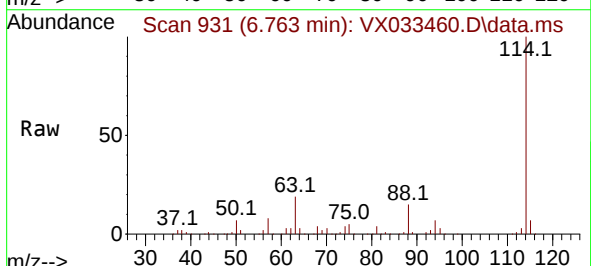
Tgt Ion:114 Resp: 213173

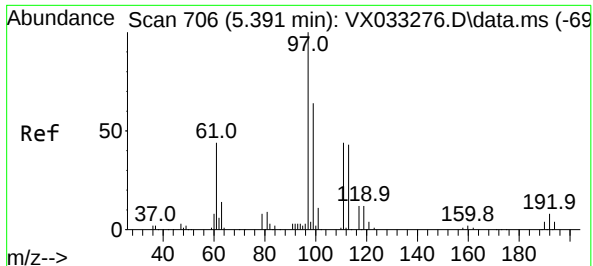
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.6

88 14.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.834 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

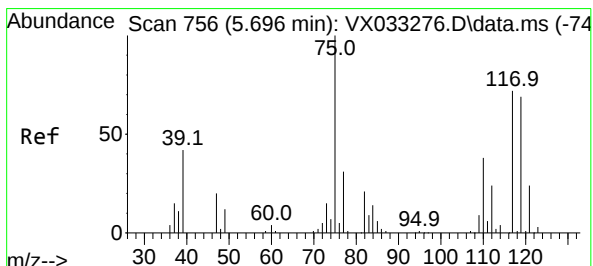
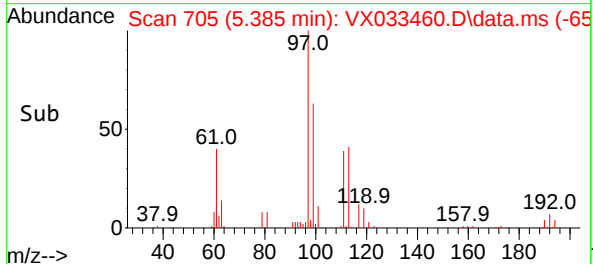
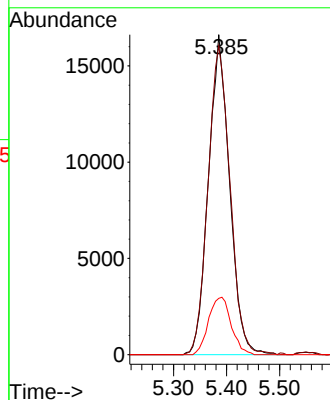
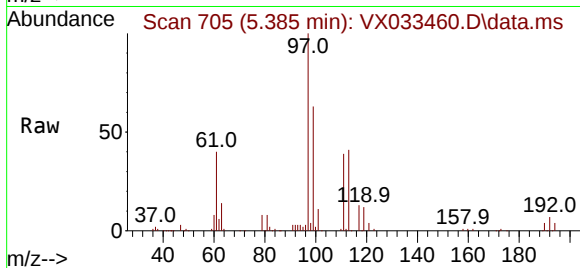
Tgt Ion:	113	Resp:	45864
Ion Ratio	Lower	Upper	
113	100		
111	101.1	82.4	123.6
192	19.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#36

1,1-Dichloropropene

Concen: 52.526 ug/l

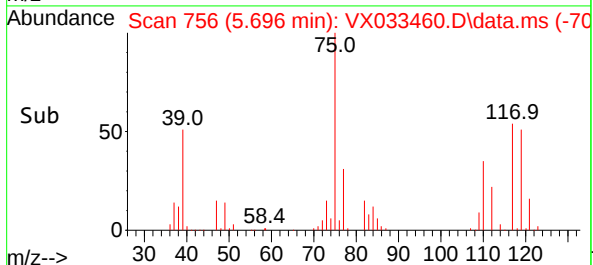
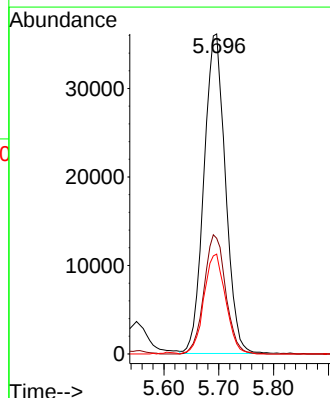
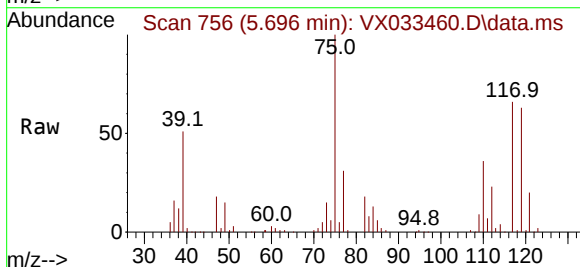
RT: 5.696 min Scan# 756

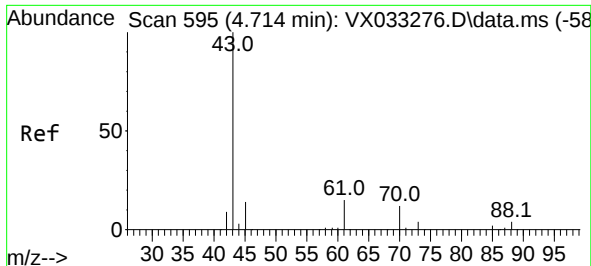
Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Tgt Ion:	75	Resp:	98189
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.4	55.2
77	31.6	24.5	36.7





#37
Ethyl Acetate
Concen: 49.817 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

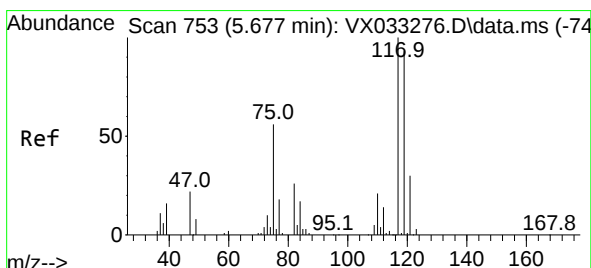
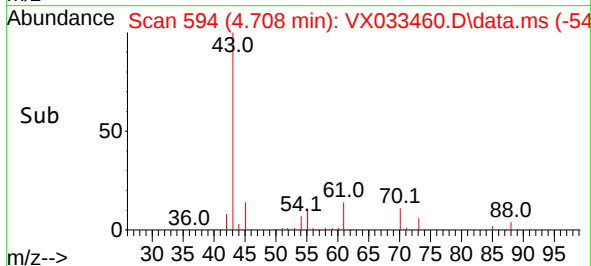
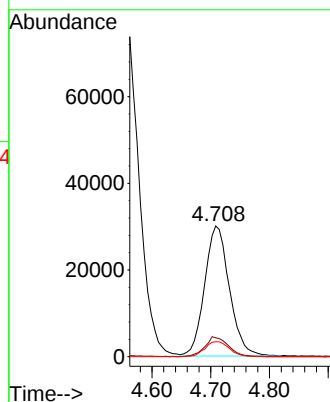
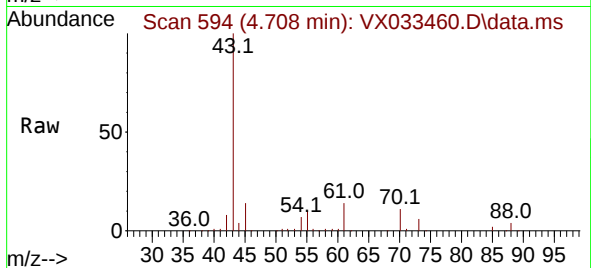
VSTDCCC050

Tgt Ion: 43 Resp: 88030
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.4 9.1 13.7

Manual Integrations

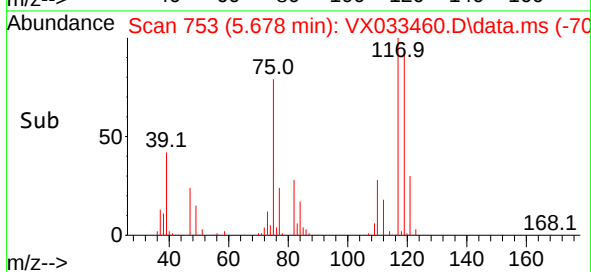
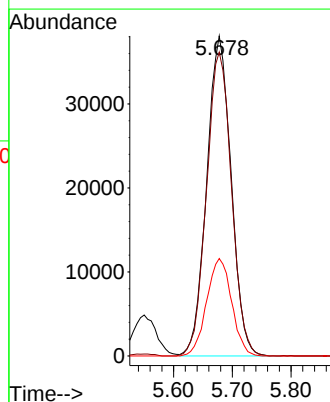
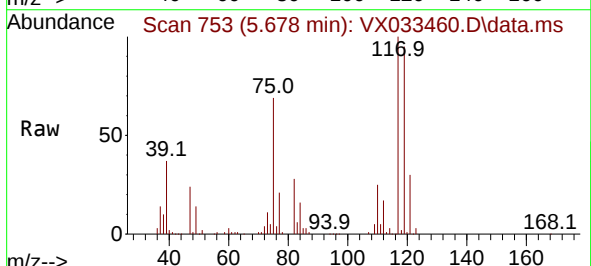
APPROVED

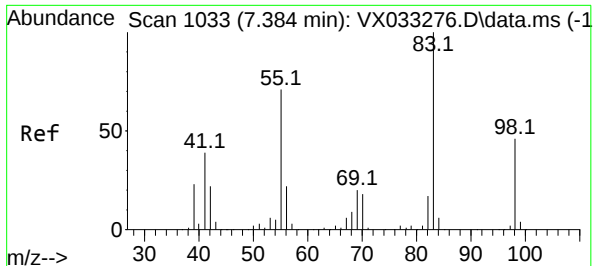
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#38
Carbon Tetrachloride
Concen: 52.614 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

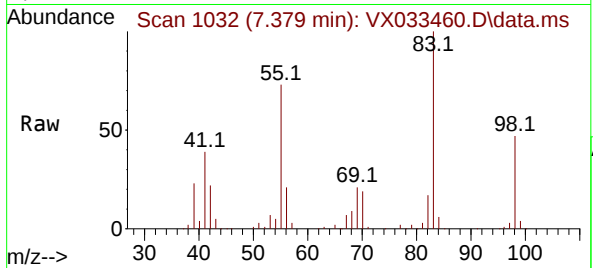
Tgt Ion:117 Resp: 110197
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8
121 30.4 25.8 38.6





#39
Methylcyclohexane
Concen: 55.954 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

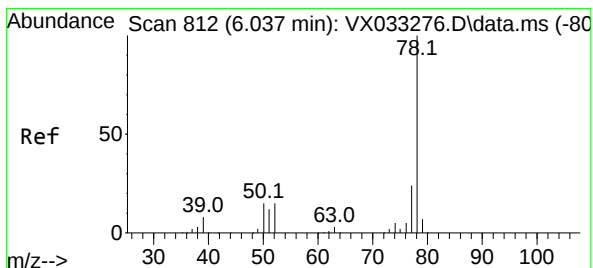
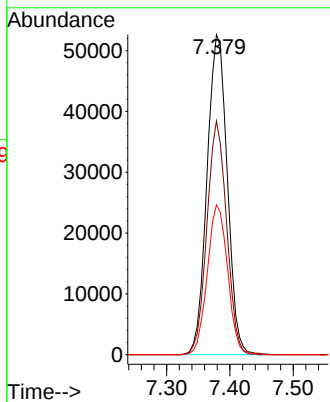
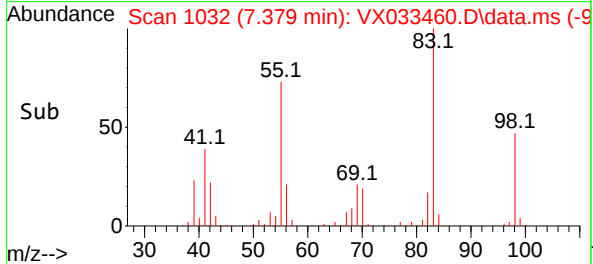
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 117070
Ion Ratio Lower Upper
83 100
55 73.0 58.4 87.6
98 46.8 37.2 55.8

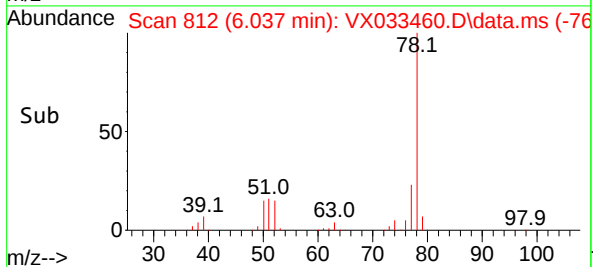
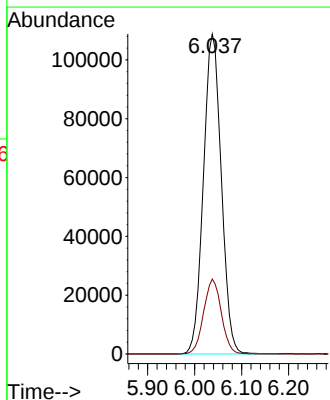
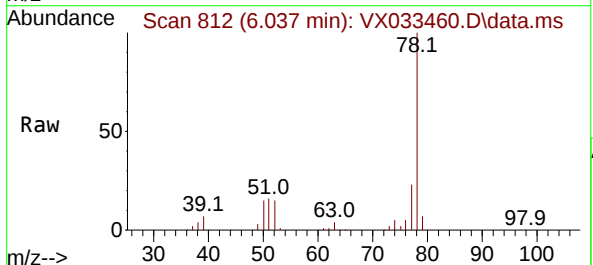
Manual Integrations
APPROVED

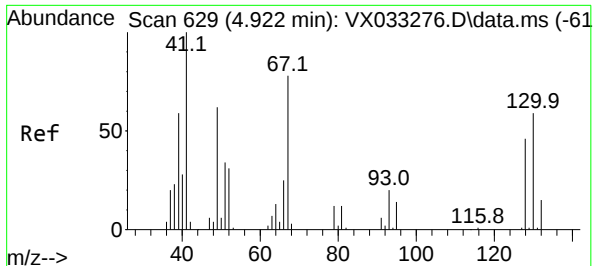
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#40
Benzene
Concen: 52.665 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 78 Resp: 287046
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 52.101 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

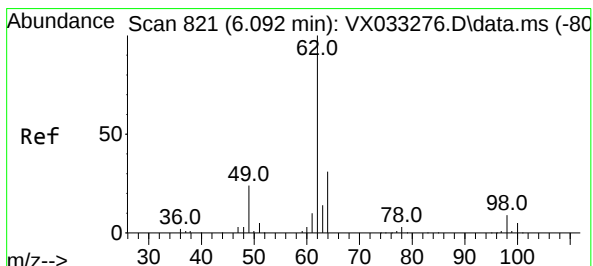
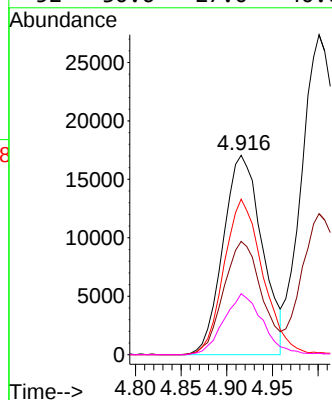
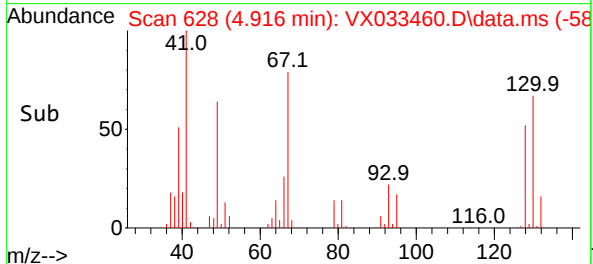
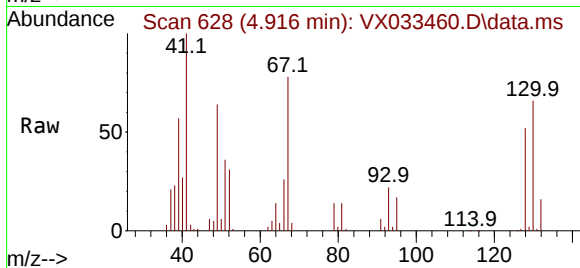
VSTDCCC050

Tgt Ion: 41 Resp: 5073
Ion Ratio Lower Upper
41 100
39 55.5 47.5 71.3
67 77.7 60.5 90.7
52 30.6 27.0 40.6

Manual Integrations

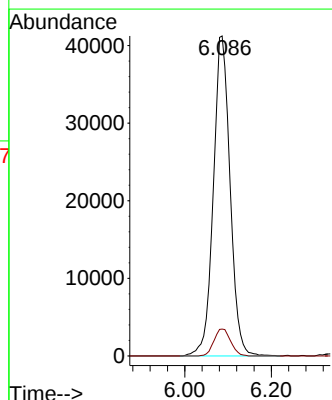
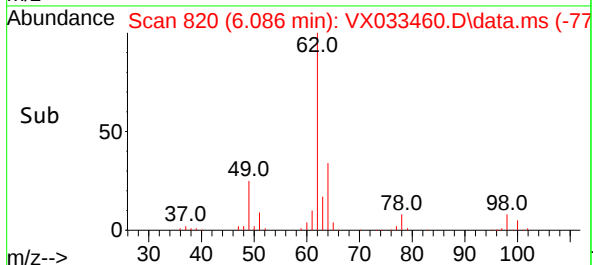
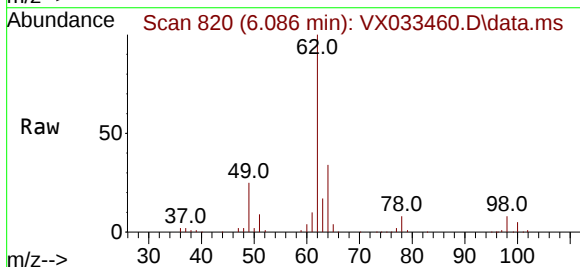
APPROVED

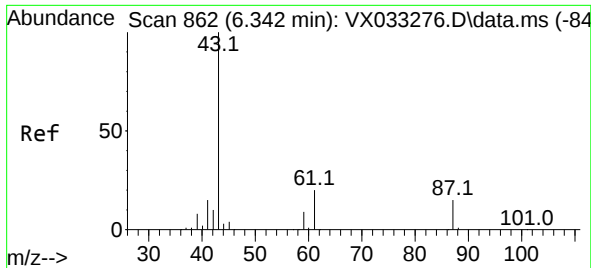
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#42
1,2-Dichloroethane
Concen: 51.175 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

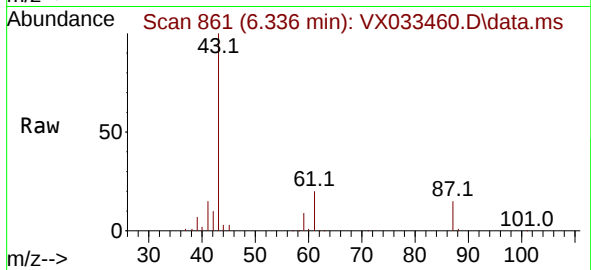
Tgt Ion: 62 Resp: 110761
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.798 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

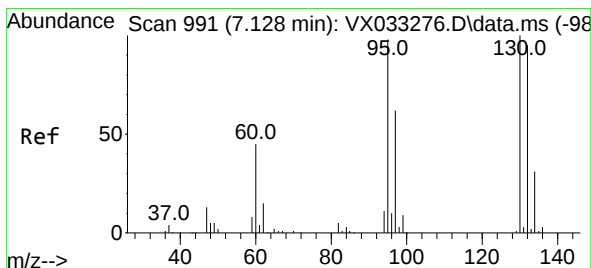
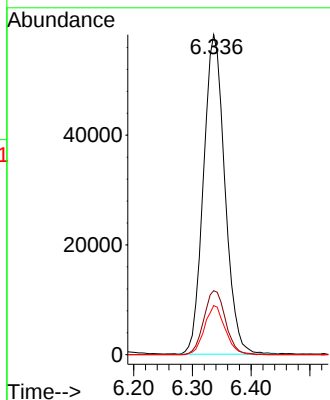
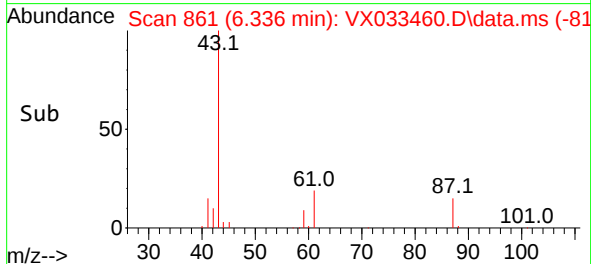
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 14727
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 14.8 10.8 16.2

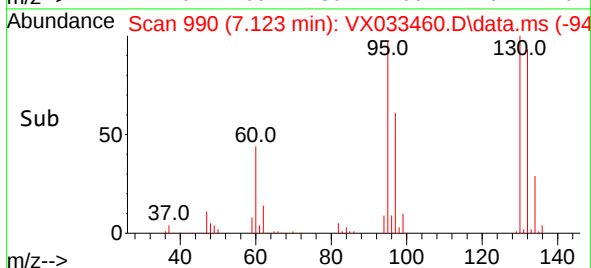
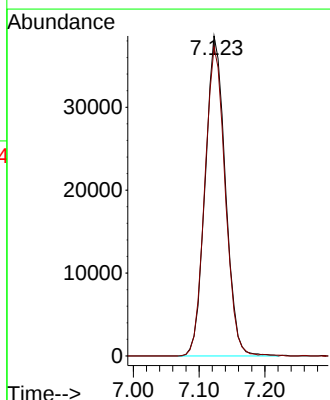
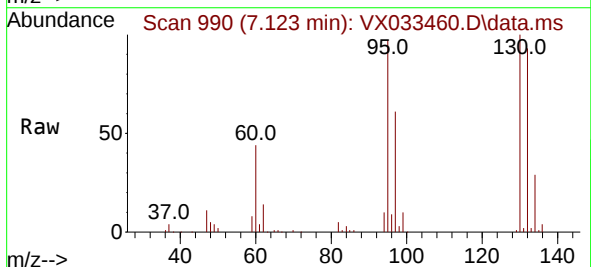
Manual Integrations
APPROVED

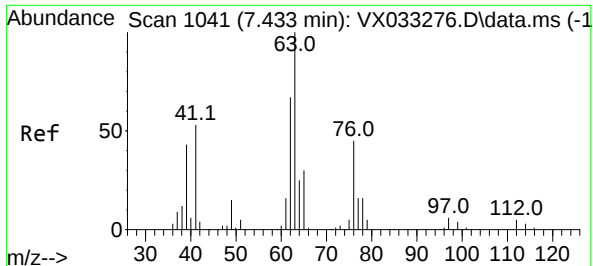
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#44
Trichloroethene
Concen: 54.746 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion:130 Resp: 82270
Ion Ratio Lower Upper
130 100
95 96.5 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.201 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7276

Ion Ratio Lower Upper

63 100

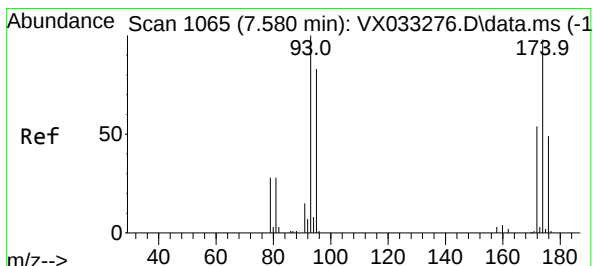
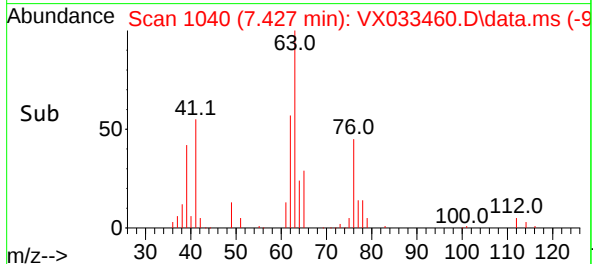
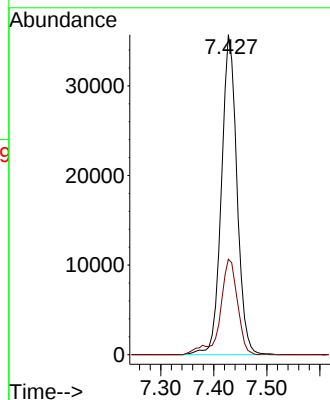
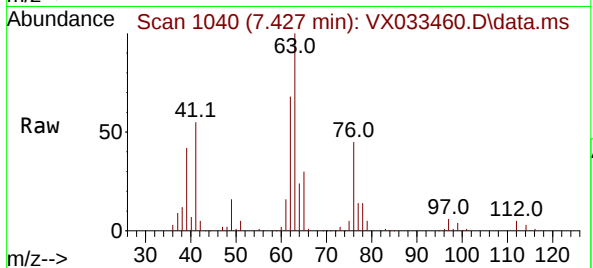
65 29.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 51.448 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

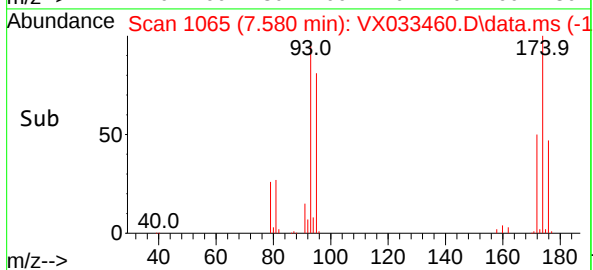
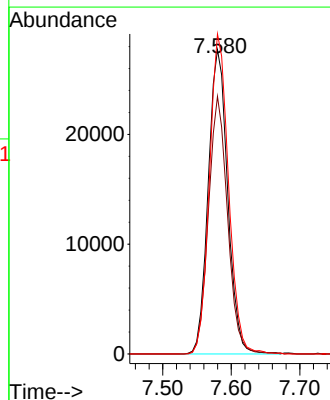
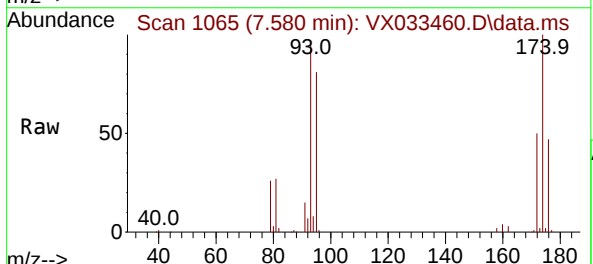
Tgt Ion: 93 Resp: 54631

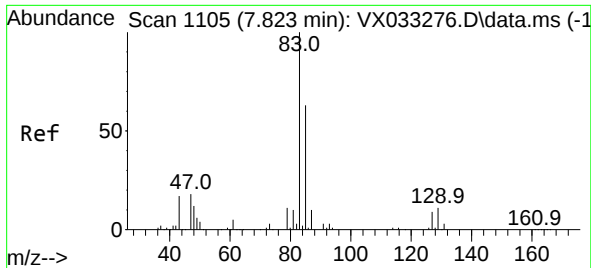
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 103.7 79.8 119.6





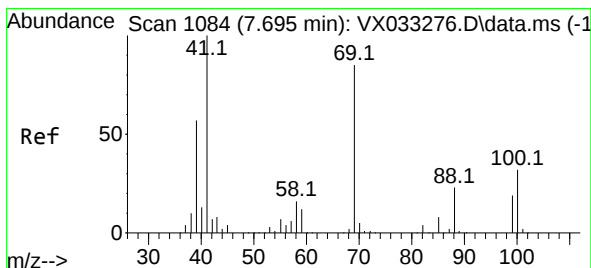
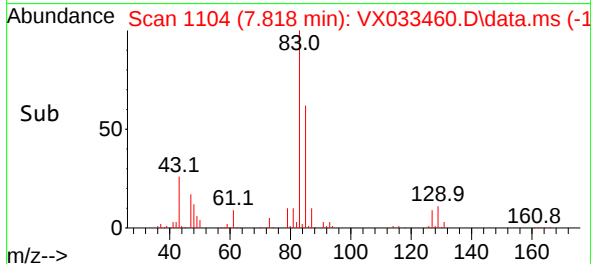
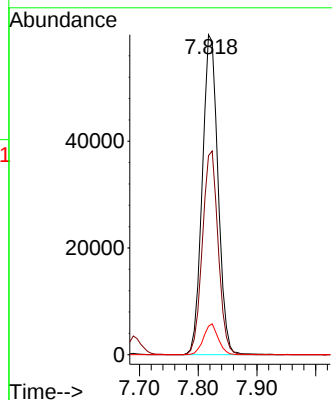
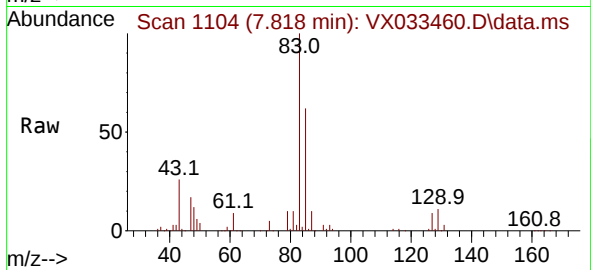
#47
Bromodichloromethane
Concen: 53.732 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 111219
Ion Ratio Lower Upper
83 100
85 62.2 52.2 78.4
127 8.9 7.4 11.2

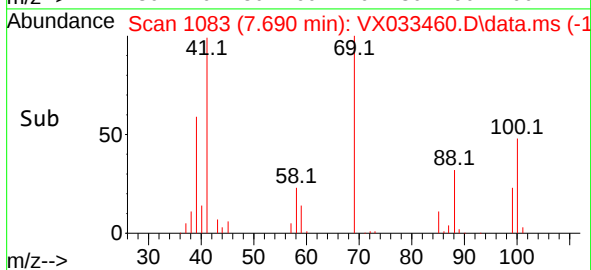
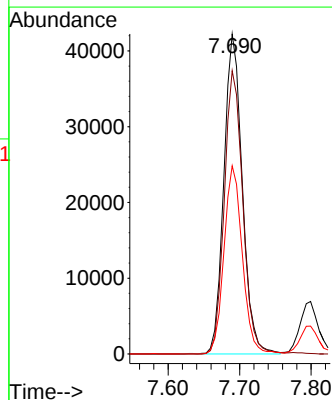
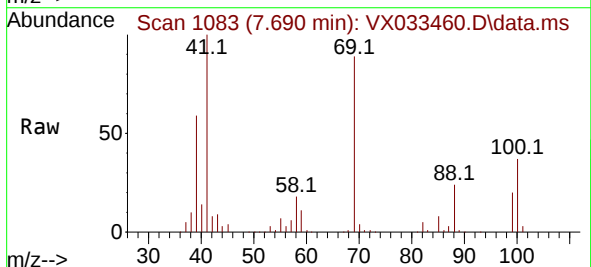
Manual Integrations
APPROVED

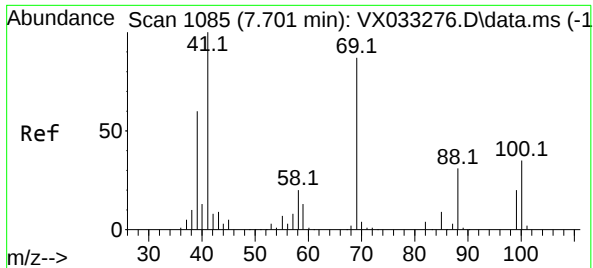
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#48
Methyl methacrylate
Concen: 51.544 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 41 Resp: 75636
Ion Ratio Lower Upper
41 100
69 88.9 65.1 97.7
39 58.5 51.9 77.9





#49

1,4-Dioxane

Concen: 866.251 ug/l

RT: 7.690 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

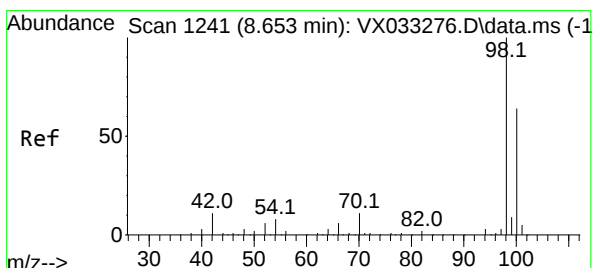
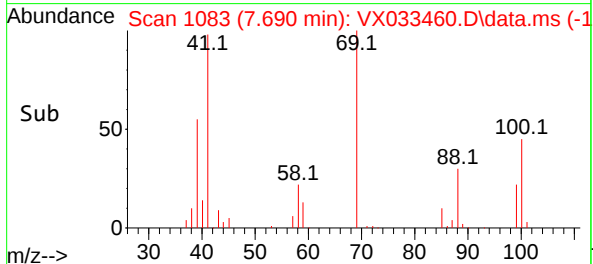
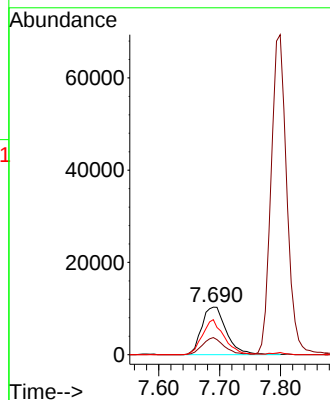
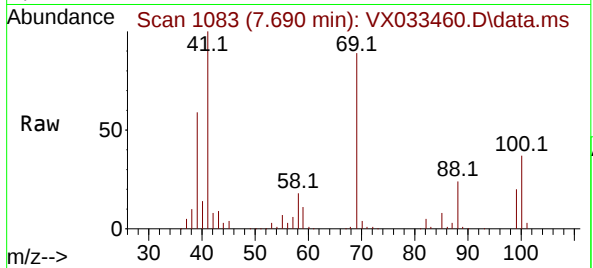
Tgt Ion: 88 Resp: 28980
 Ion Ratio Lower Upper
 88 100
 43 31.9 26.6 39.8
 58 64.9 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#50

Toluene-d8

Concen: 51.131 ug/l

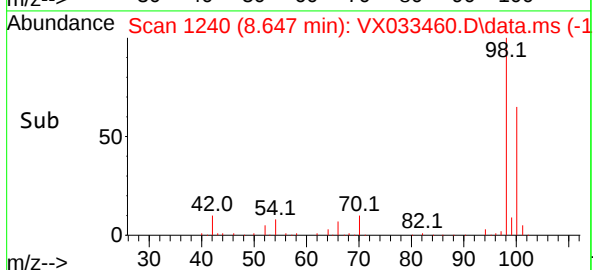
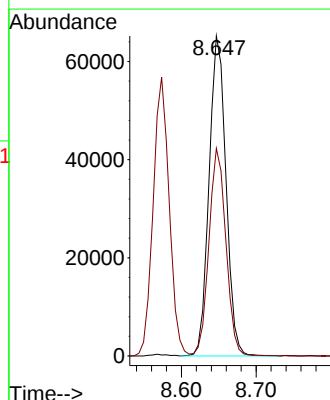
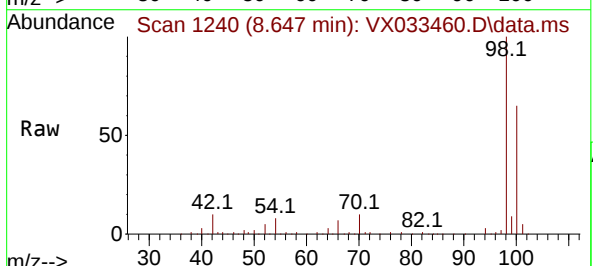
RT: 8.647 min Scan# 1240

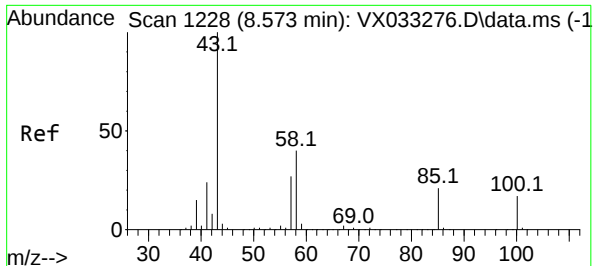
Delta R.T. -0.006 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

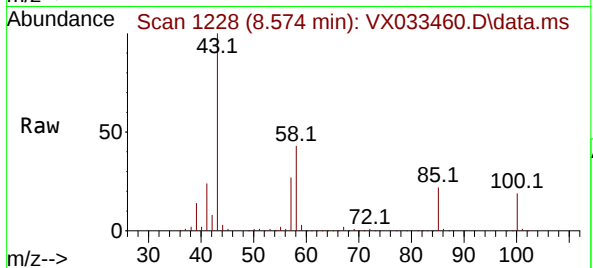
Tgt Ion: 98 Resp: 102557
 Ion Ratio Lower Upper
 98 100
 100 65.1 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 266.804 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

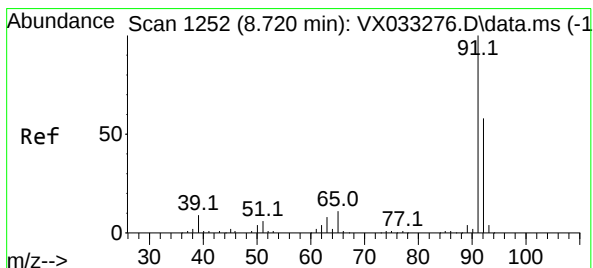
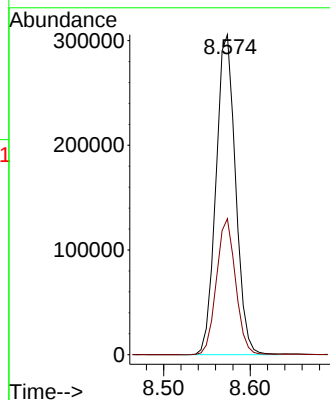
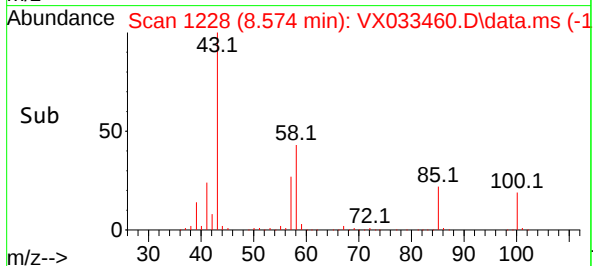
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 479719
Ion Ratio Lower Upper
43 100
58 41.5 30.9 46.3

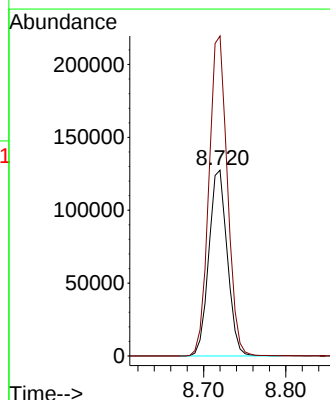
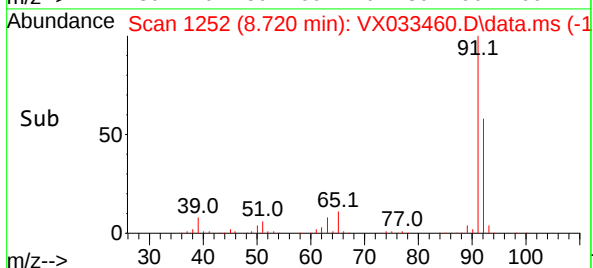
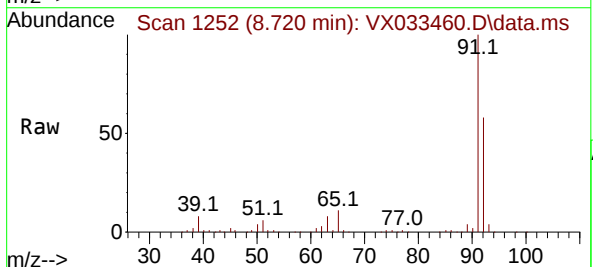
Manual Integrations
APPROVED

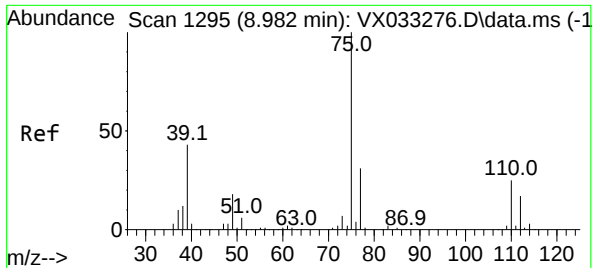
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
Toluene
Concen: 56.352 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 92 Resp: 198584
Ion Ratio Lower Upper
92 100
91 172.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 51.127 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 113818

Ion Ratio Lower Upper

75 100

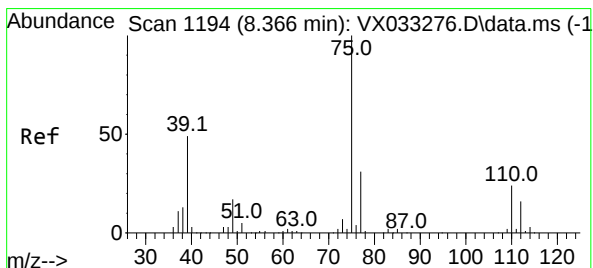
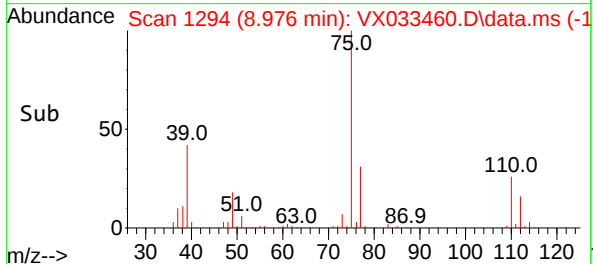
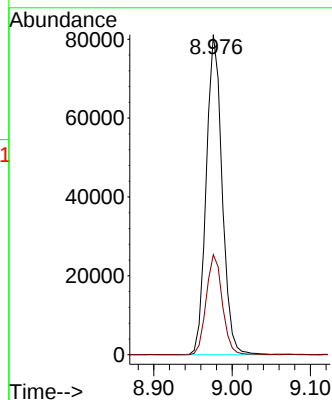
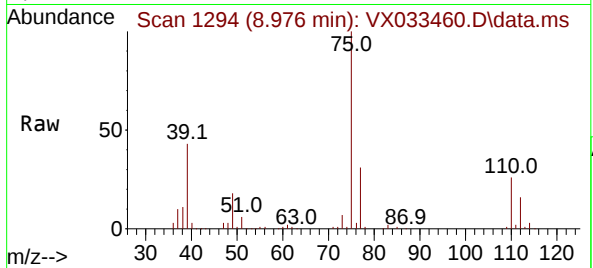
77 31.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#54

cis-1,3-Dichloropropene

Concen: 56.431 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

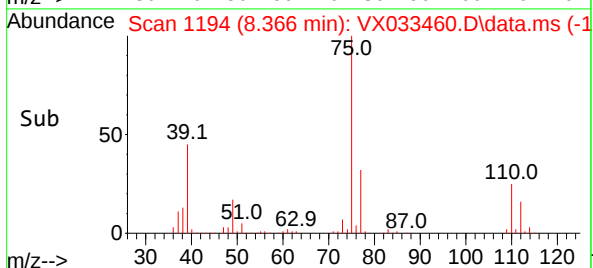
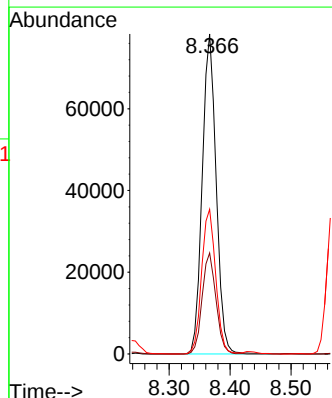
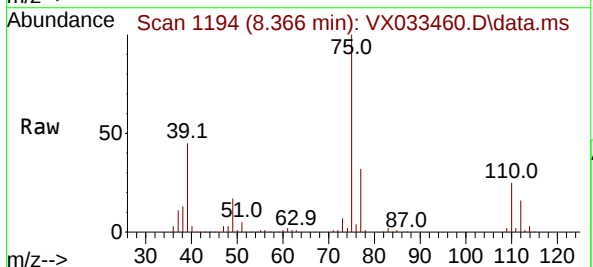
Tgt Ion: 75 Resp: 124295

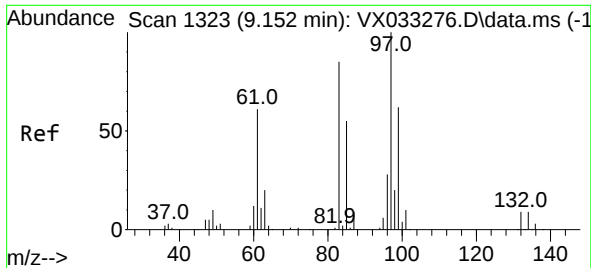
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 45.2 45.5 68.3#





#55

1,1,2-Trichloroethane

Concen: 55.694 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

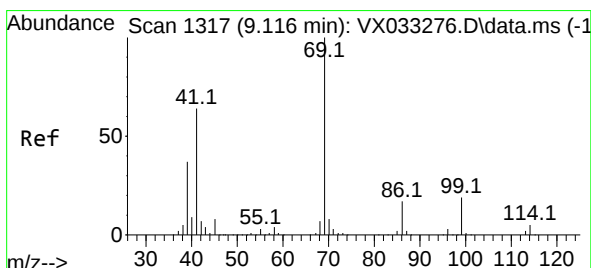
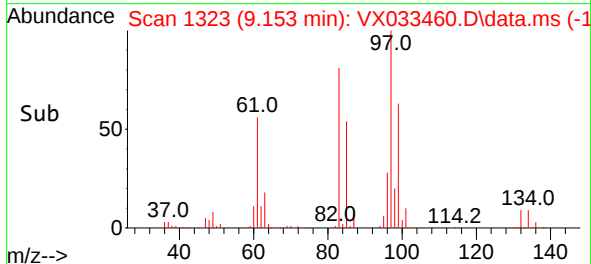
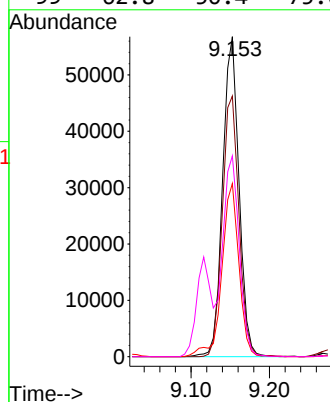
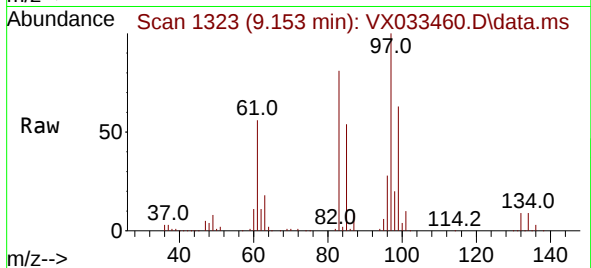
Tgt Ion:	97	Resp:	82502
Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.1	102.1
85	54.1	43.3	64.9
99	62.8	50.4	75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#56

Ethyl methacrylate

Concen: 56.755 ug/l

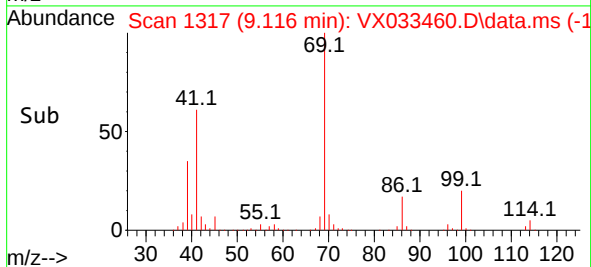
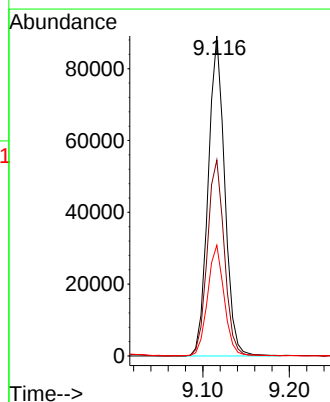
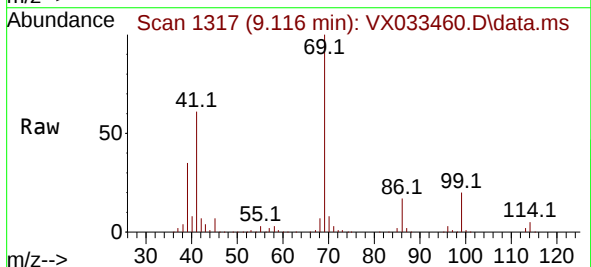
RT: 9.116 min Scan# 1317

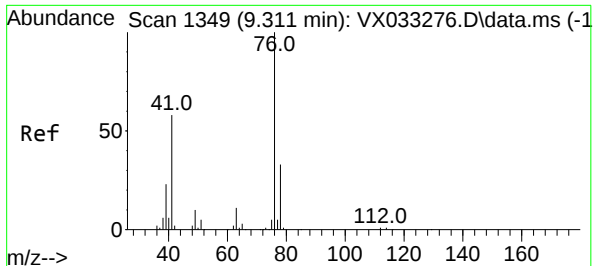
Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Tgt Ion:	69	Resp:	118373
Ion	Ratio	Lower	Upper
69	100		
41	62.7	54.3	81.5
39	35.0	35.2	52.8





#57

1,3-Dichloropropane

Concen: 54.967 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 130804

Ion Ratio Lower Upper

76 100

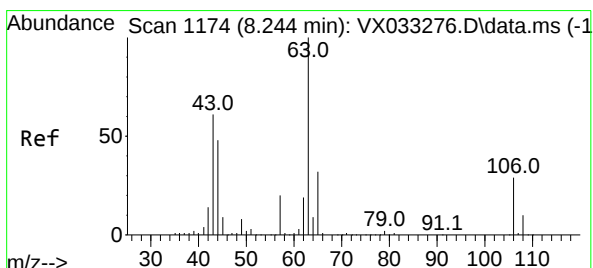
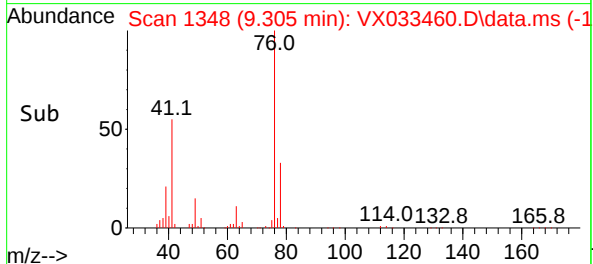
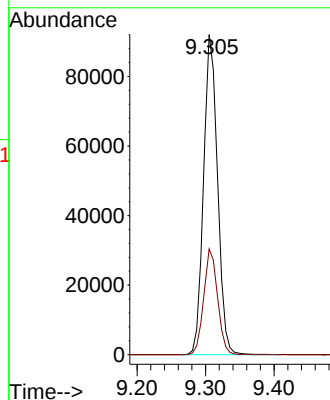
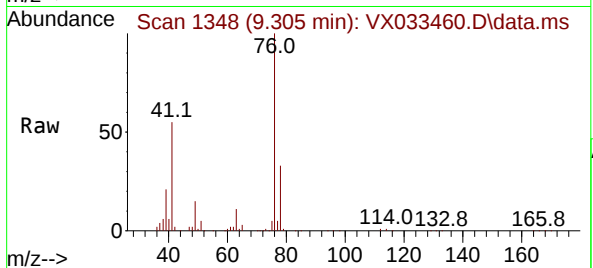
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 276.653 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033460.D

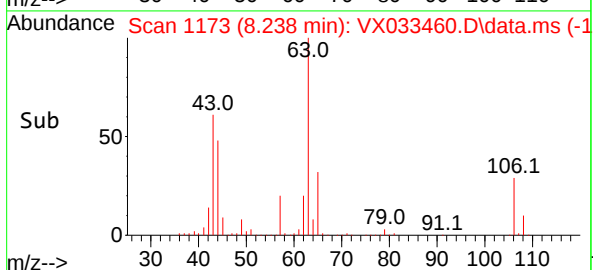
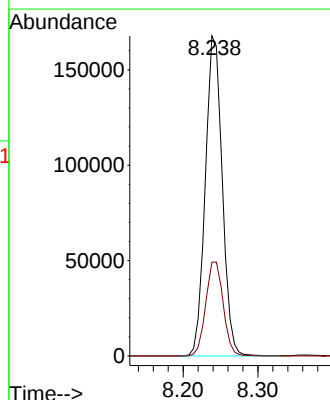
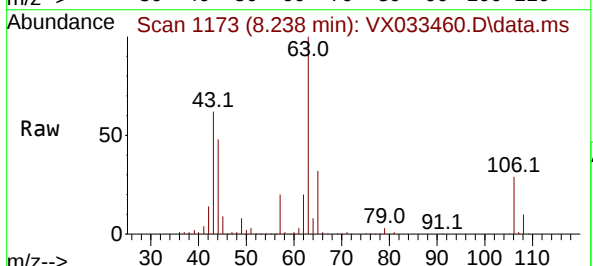
Acq: 16 Dec 2022 14:50

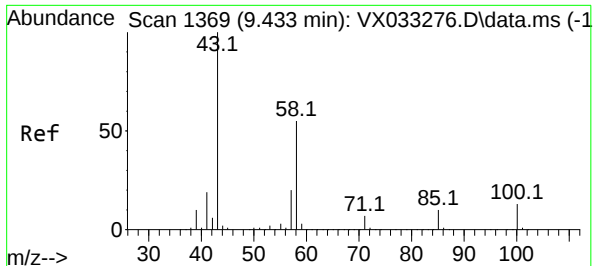
Tgt Ion: 63 Resp: 264017

Ion Ratio Lower Upper

63 100

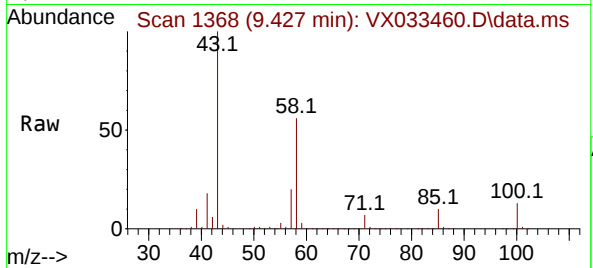
106 30.3 23.3 34.9





#59
2-Hexanone
Concen: 276.557 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

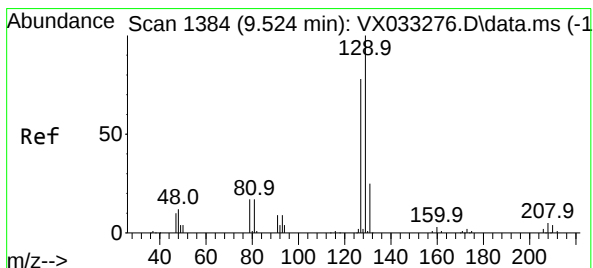
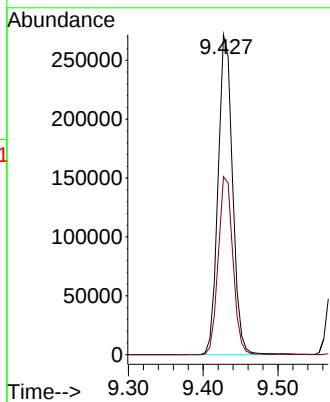
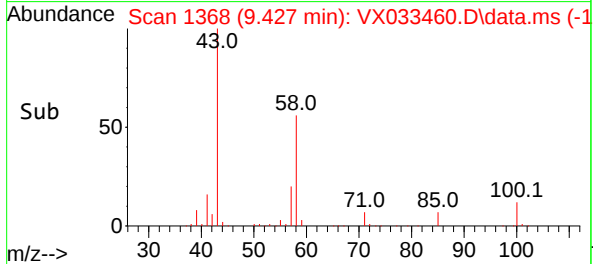
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36644
Ion Ratio Lower Upper
43 100
58 56.6 26.5 79.5

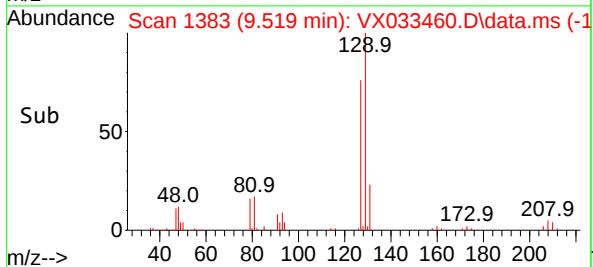
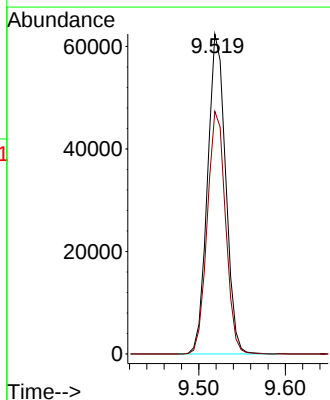
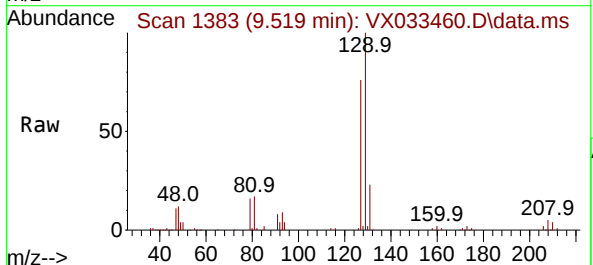
Manual Integrations
APPROVED

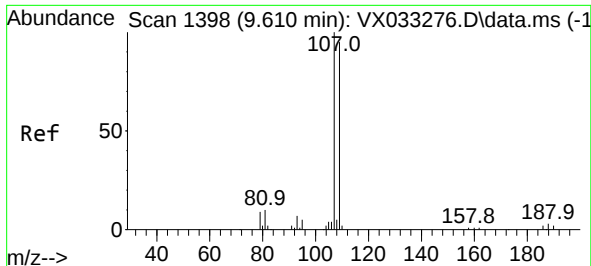
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#60
Dibromochloromethane
Concen: 55.547 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion:129 Resp: 90659
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





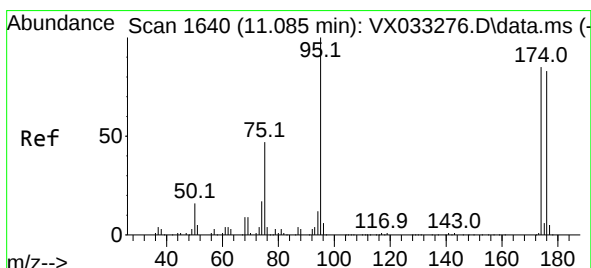
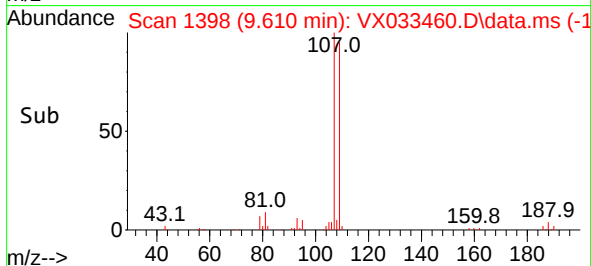
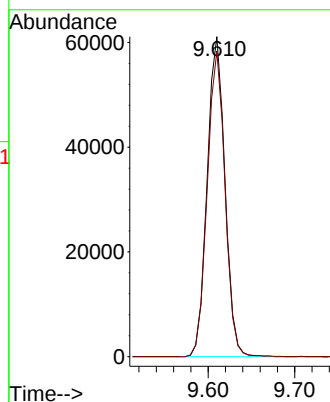
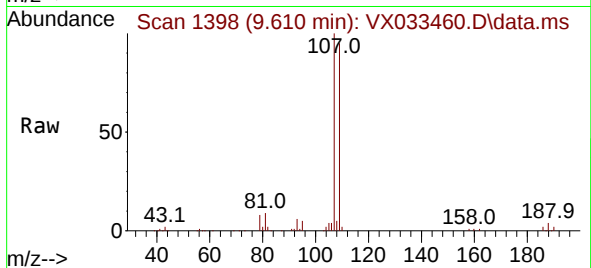
#61
1,2-Dibromoethane
Concen: 55.266 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8708
Ion Ratio Lower Upper
107 100
109 95.5 76.0 114.0

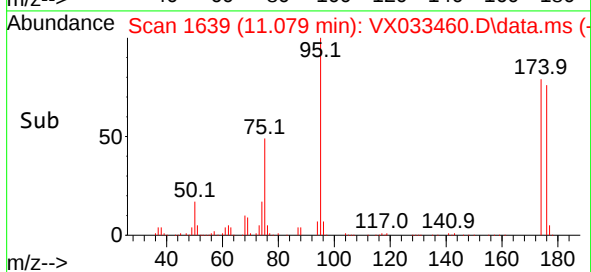
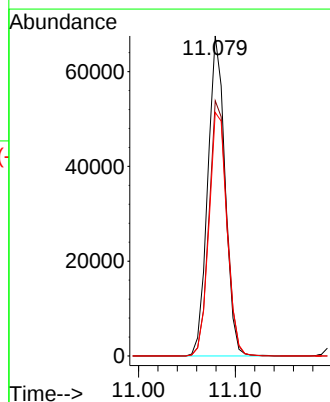
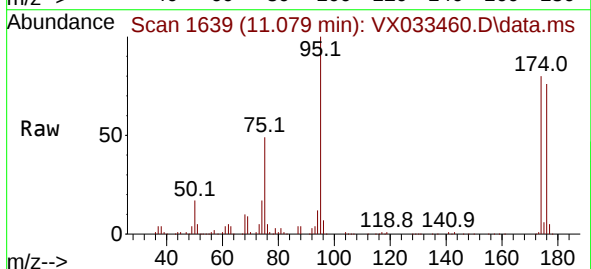
Manual Integrations
APPROVED

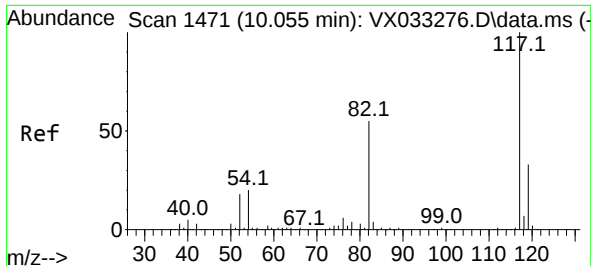
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#62
4-Bromofluorobenzene
Concen: 54.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

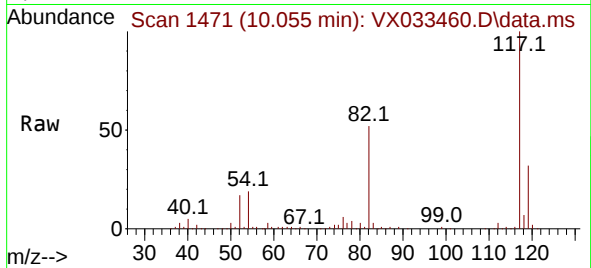
Tgt Ion: 95 Resp: 83965
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

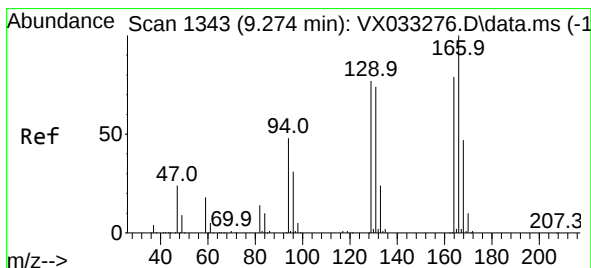
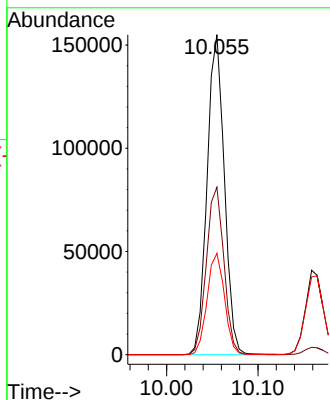
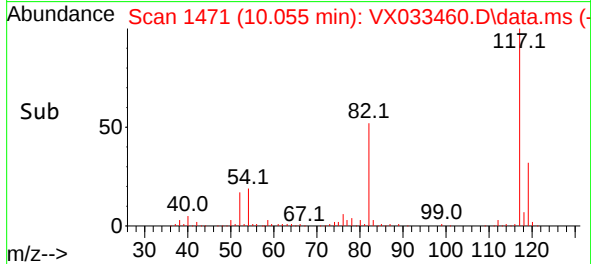
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 20264
Ion Ratio Lower Upper
117 100
82 52.3 44.3 66.5
119 31.7 25.7 38.5

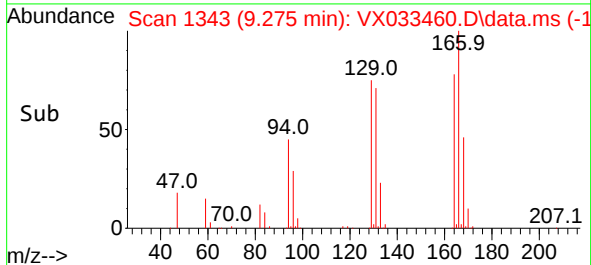
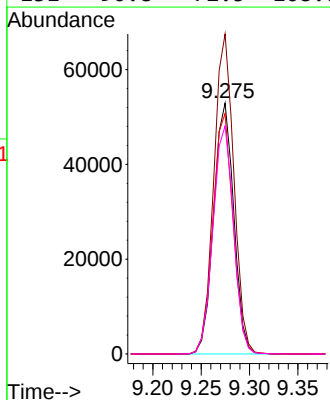
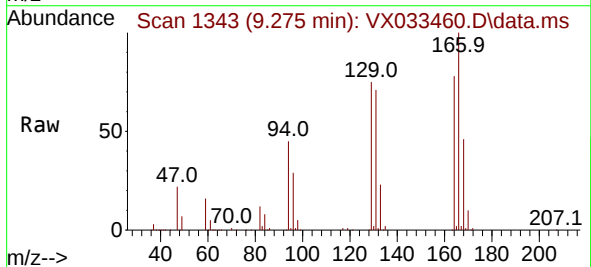
Manual Integrations
APPROVED

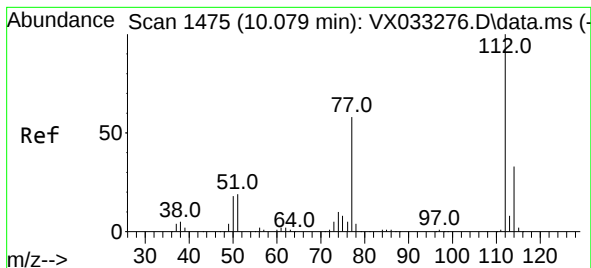
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Tetrachloroethene
Concen: 55.188 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion:164 Resp: 76473
Ion Ratio Lower Upper
164 100
166 127.5 105.4 158.2
129 95.8 78.2 117.2
131 90.8 72.5 108.7





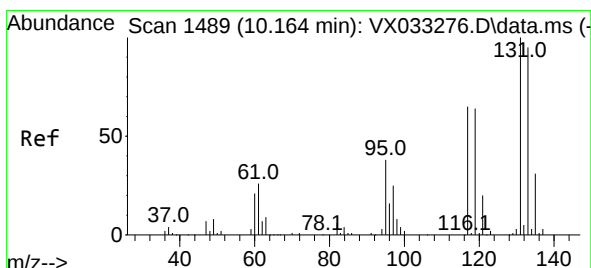
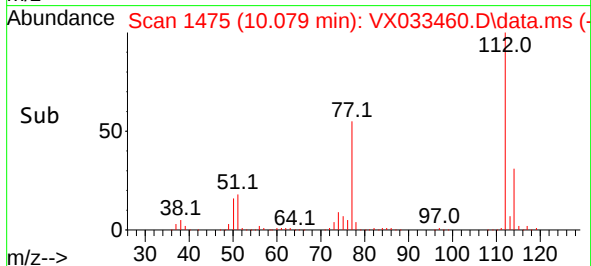
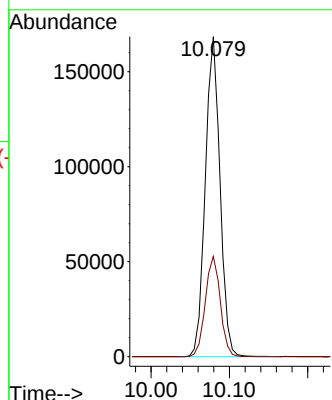
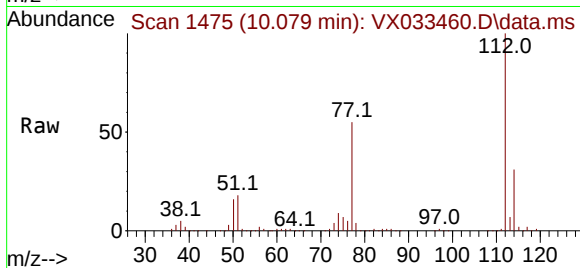
#65
Chlorobenzene
Concen: 53.342 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 21889
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

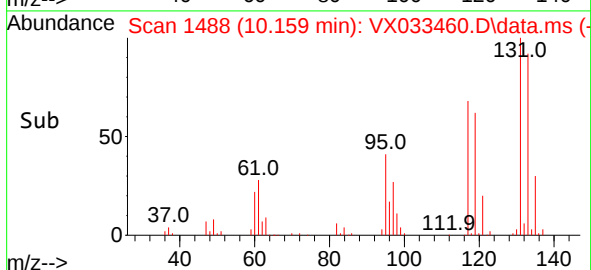
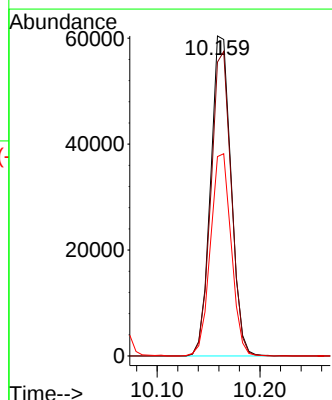
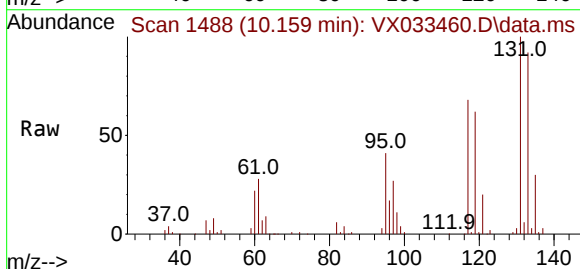
Manual Integrations
APPROVED

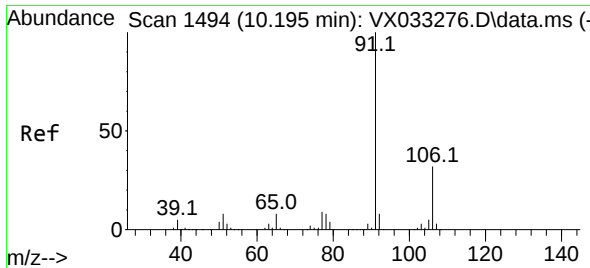
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.881 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

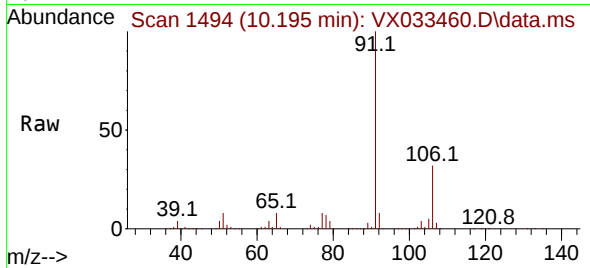
Tgt Ion:131 Resp: 83557
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 64.0 32.4 97.0





#67
Ethyl Benzene
Concen: 55.402 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

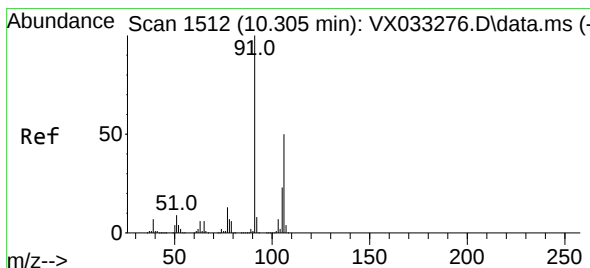
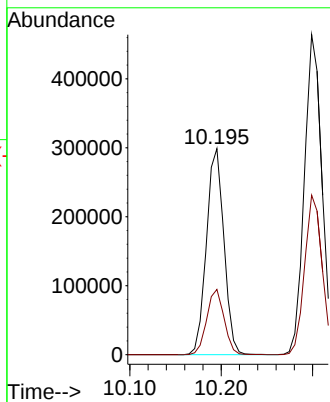
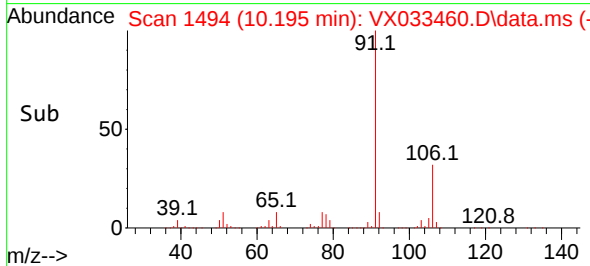
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



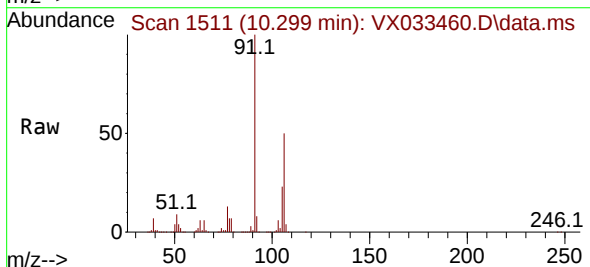
Tgt Ion: 91 Resp: 396070
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6

Manual Integrations
APPROVED

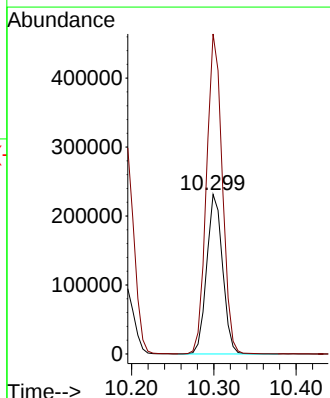
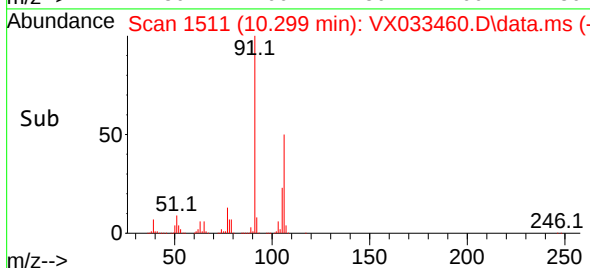
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

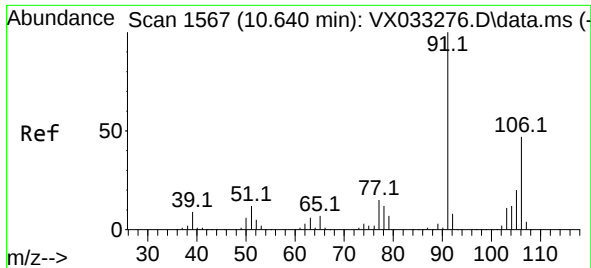


#68
m/p-Xylenes
Concen: 111.248 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50



Tgt Ion:106 Resp: 309437
Ion Ratio Lower Upper
106 100
91 200.1 164.5 246.7





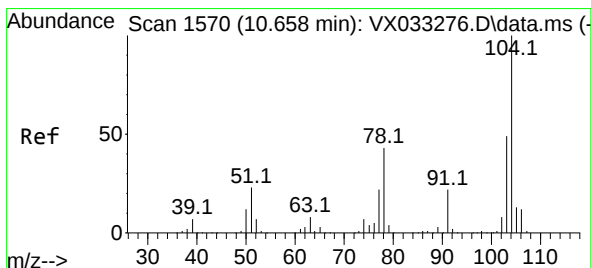
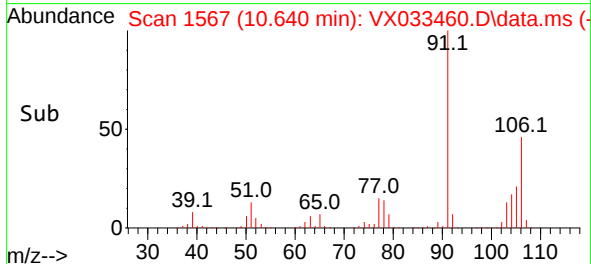
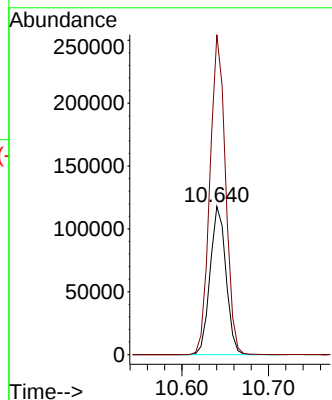
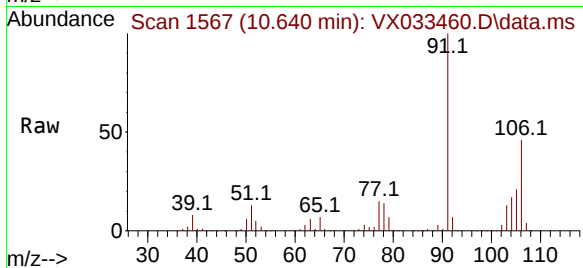
#69
o-Xylene
Concen: 54.606 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 15013
Ion Ratio Lower Upper
106 100
91 212.3 109.2 327.6

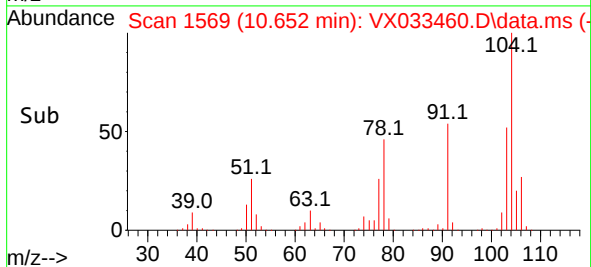
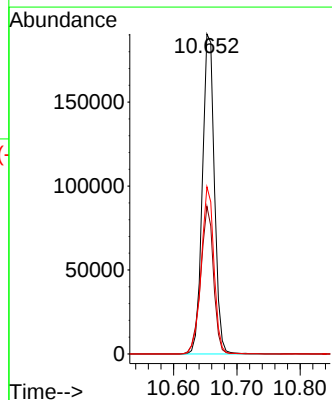
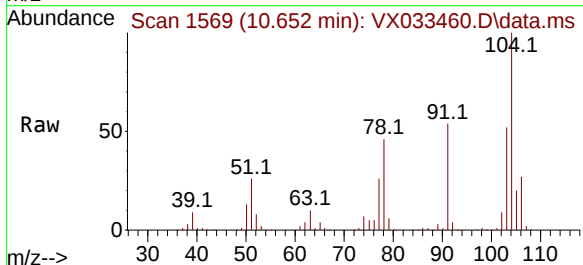
Manual Integrations
APPROVED

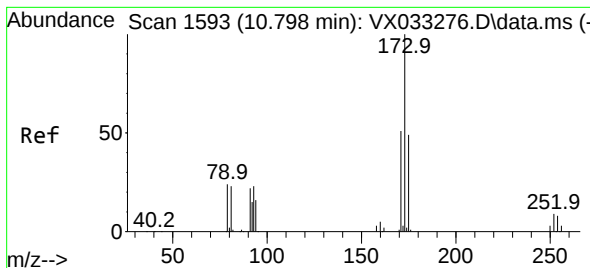
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#70
Styrene
Concen: 56.204 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

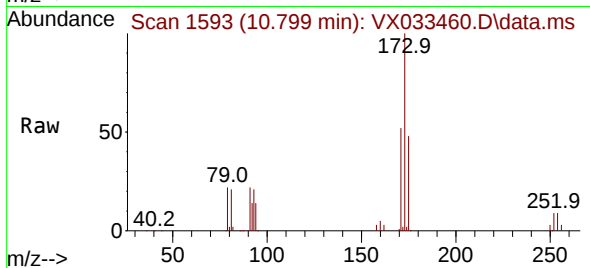
Tgt Ion:104 Resp: 253075
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 55.2 44.5 66.7





#71
Bromoform
Concen: 53.623 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

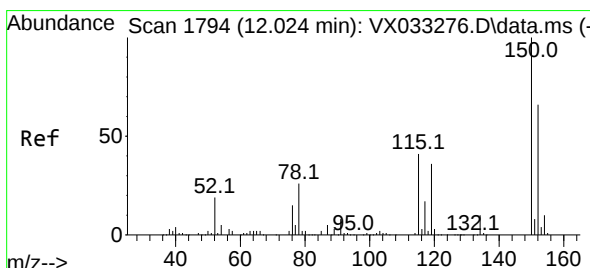
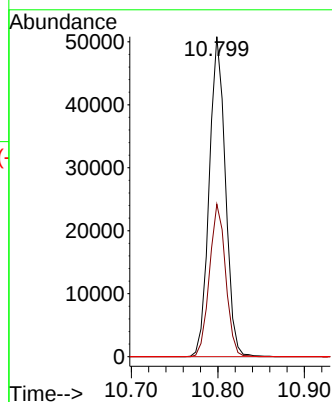
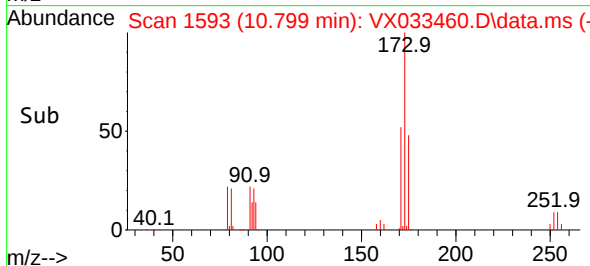
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



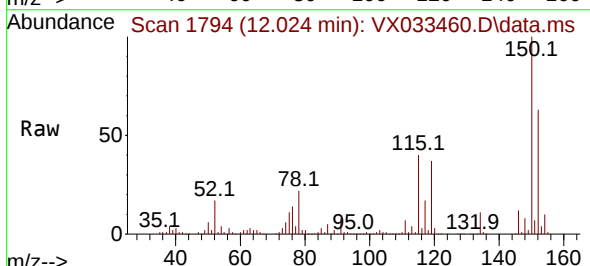
Tgt Ion:173 Resp: 65823
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

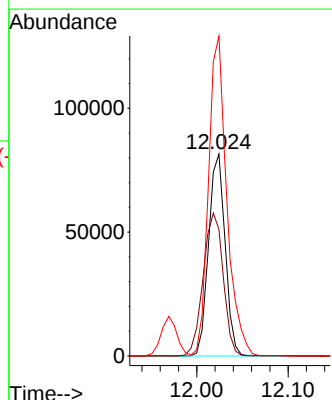
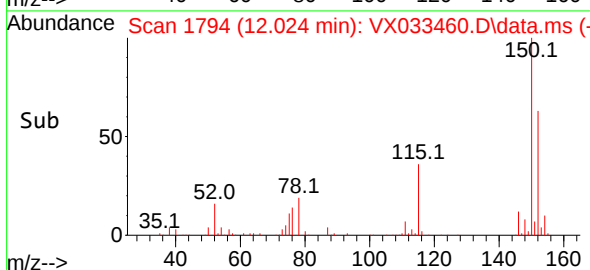
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

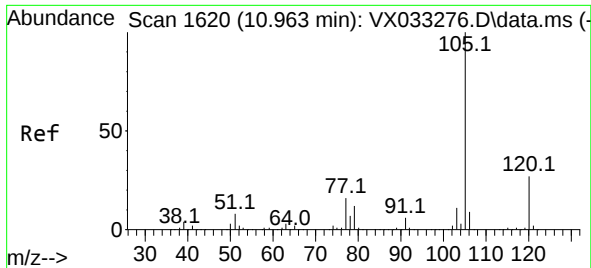


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50



Tgt Ion:152 Resp: 102234
Ion Ratio Lower Upper
152 100
115 85.6 44.0 132.0
150 174.9 0.0 351.8





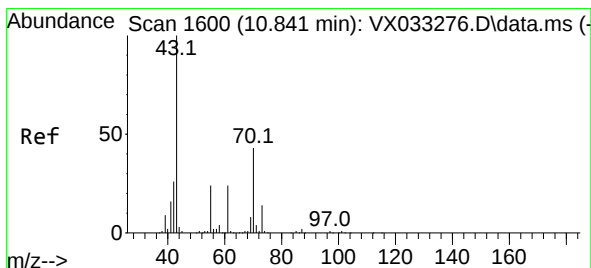
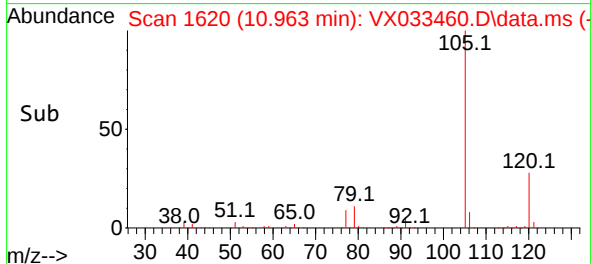
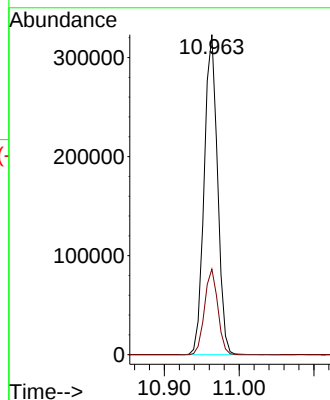
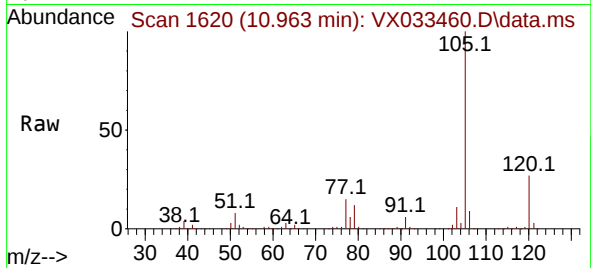
#73
Isopropylbenzene
Concen: 53.996 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 40011
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

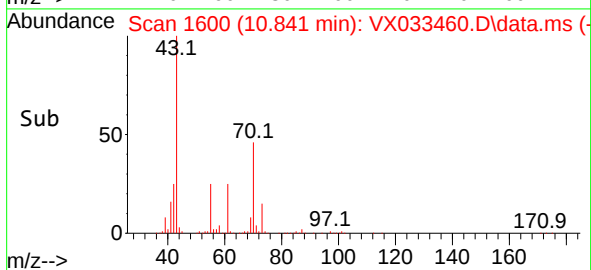
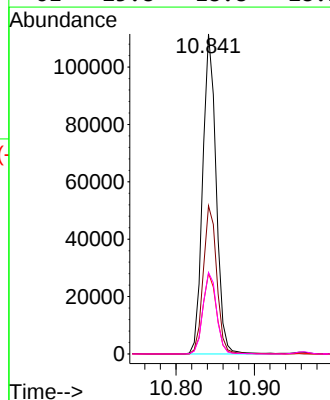
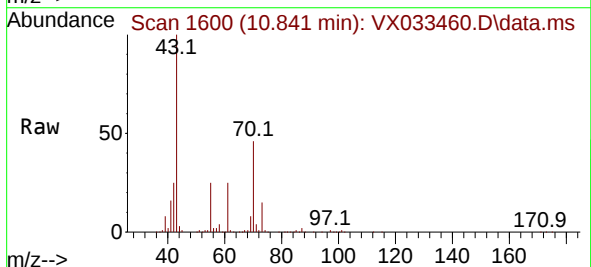
Manual Integrations
APPROVED

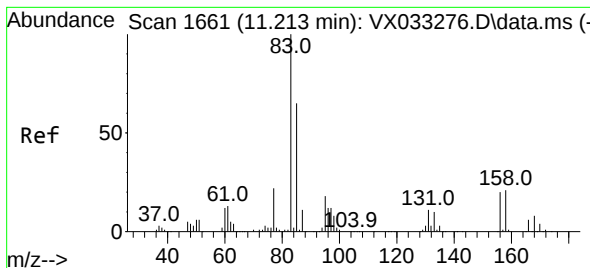
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#74
N-ethyl acetate
Concen: 52.487 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 43 Resp: 132695
Ion Ratio Lower Upper
43 100
70 46.5 33.6 50.4
55 25.8 19.4 29.2
61 25.8 18.8 28.2





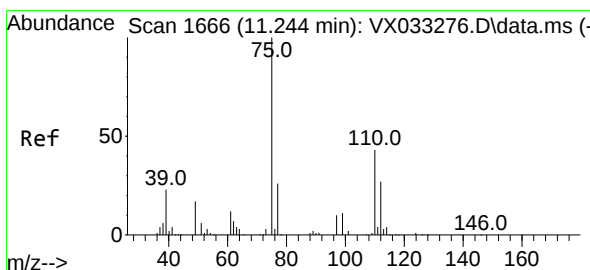
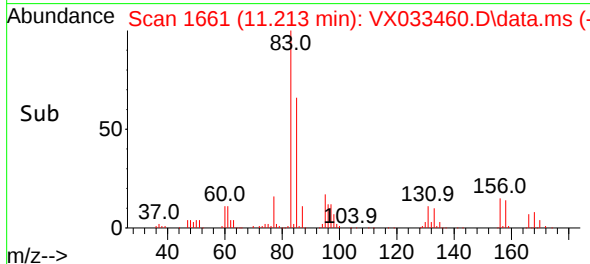
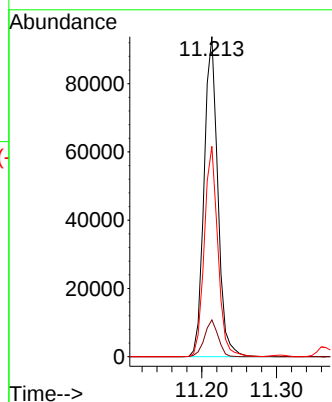
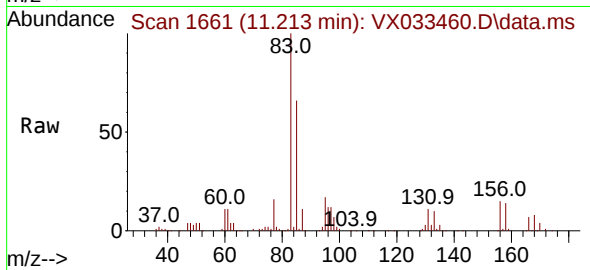
#75
1,1,2,2-Tetrachloroethane
Concen: 50.817 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 119459
Ion Ratio Lower Upper
83 100
131 11.4 5.4 16.2
85 65.0 31.9 95.9

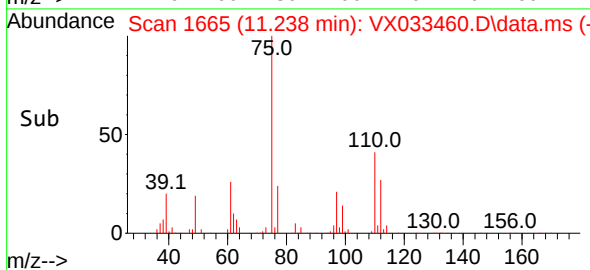
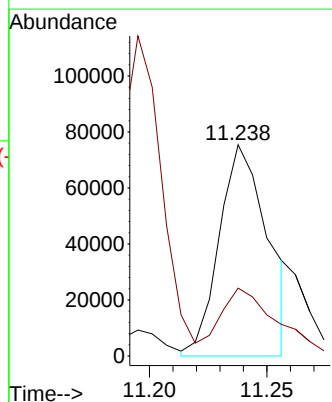
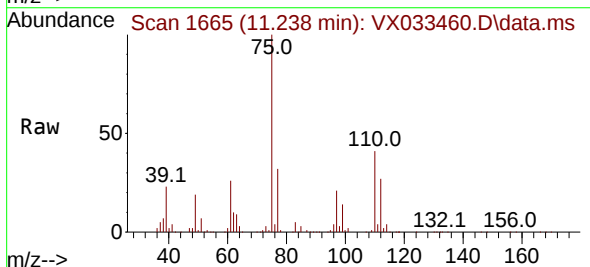
Manual Integrations
APPROVED

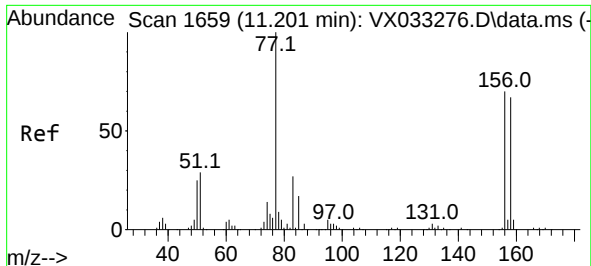
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#76
1,2,3-Trichloropropane
Concen: 52.001 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

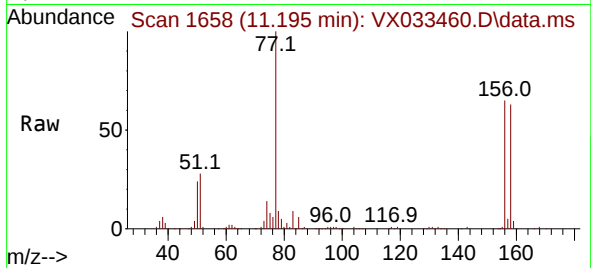
Tgt Ion: 75 Resp: 108160
Ion Ratio Lower Upper
75 100
77 38.0 20.0 60.0





#77
Bromobenzene
Concen: 52.733 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

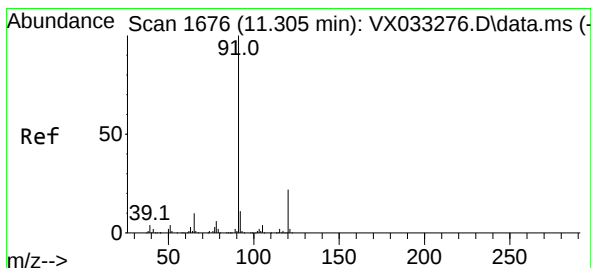
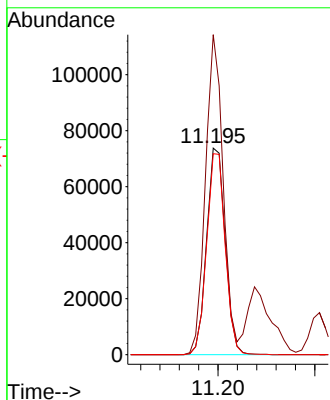
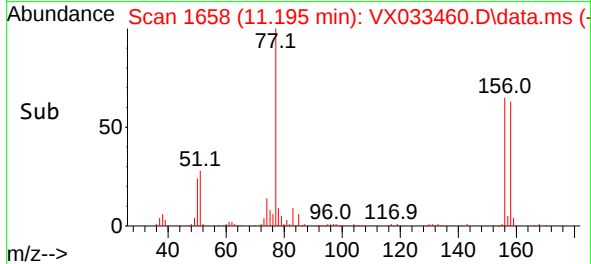
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



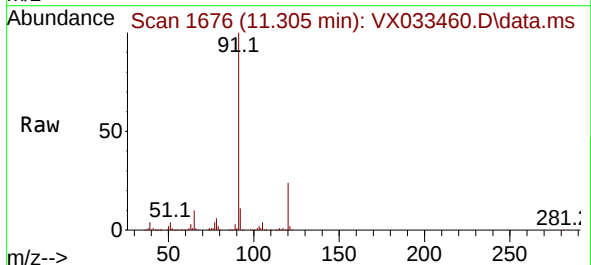
Tgt Ion:156 Resp: 98672
Ion Ratio Lower Upper
156 100
77 146.7 76.1 228.4
158 97.2 48.8 146.3

Manual Integrations
APPROVED

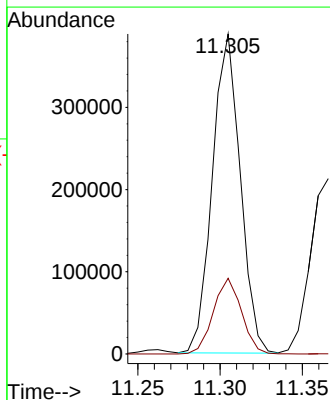
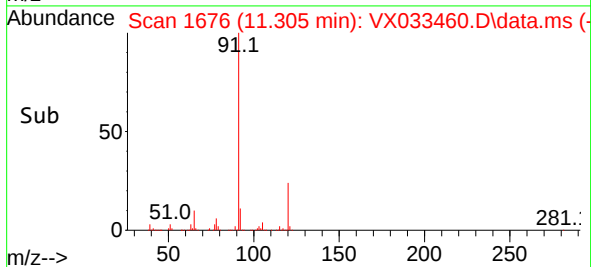
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

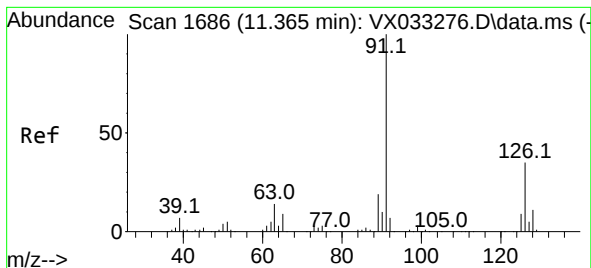


#78
n-propylbenzene
Concen: 55.299 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50



Tgt Ion: 91 Resp: 457536
Ion Ratio Lower Upper
91 100
120 24.0 11.6 34.8





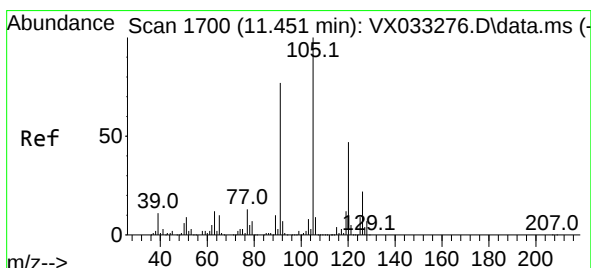
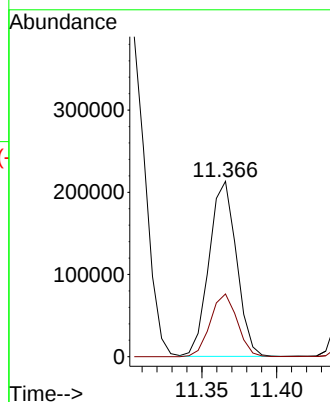
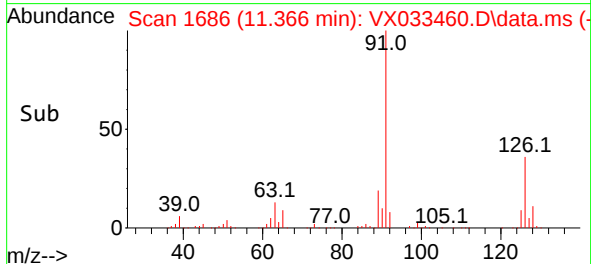
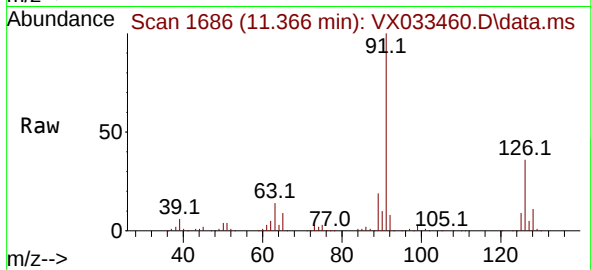
#79
2-Chlorotoluene
Concen: 53.040 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 271215
Ion Ratio Lower Upper
91 100
126 35.2 17.1 51.2

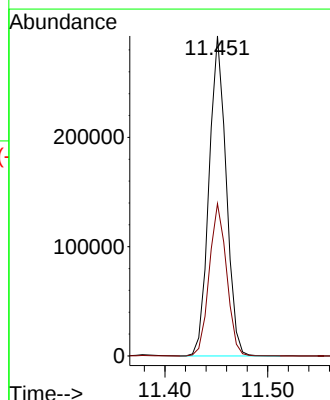
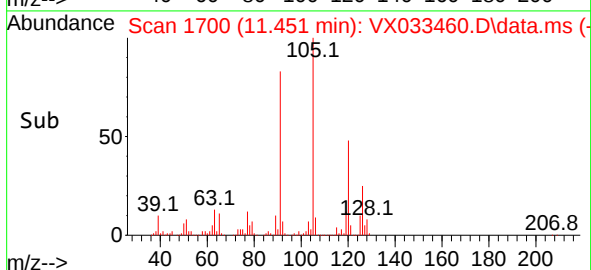
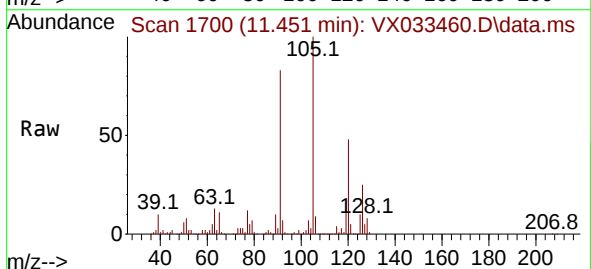
Manual Integrations
APPROVED

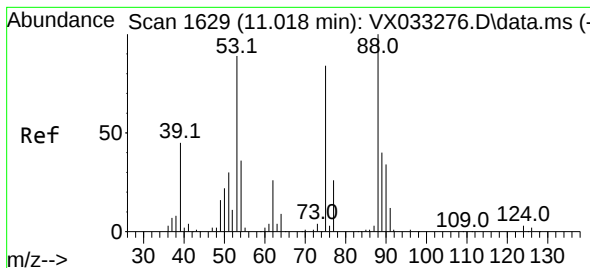
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.998 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion:105 Resp: 339235
Ion Ratio Lower Upper
105 100
120 48.1 23.6 71.0





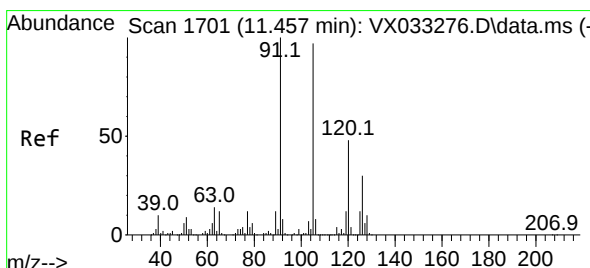
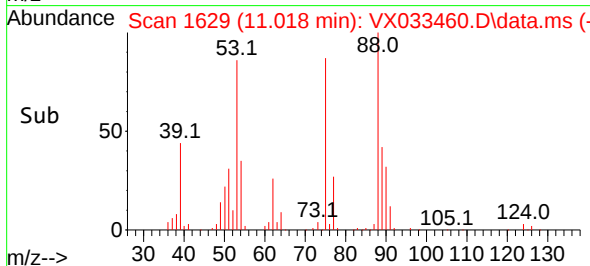
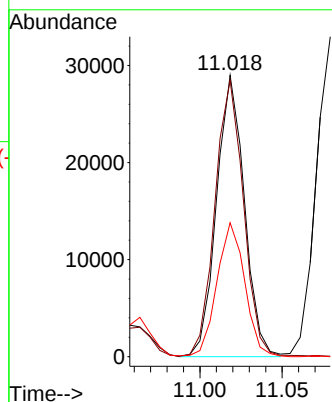
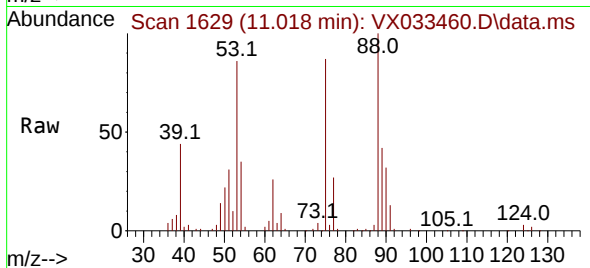
#81
trans-1,4-Dichloro-2-butene
Concen: 51.073 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 34150
Ion Ratio Lower Upper
75 100
53 100.0 86.9 130.3
89 47.6 38.3 57.5

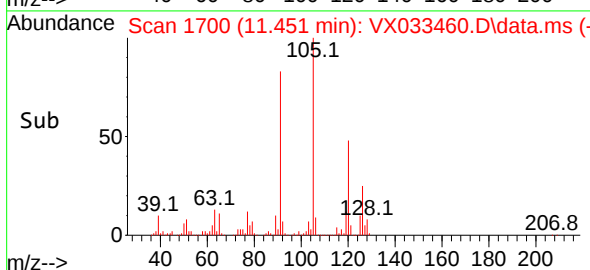
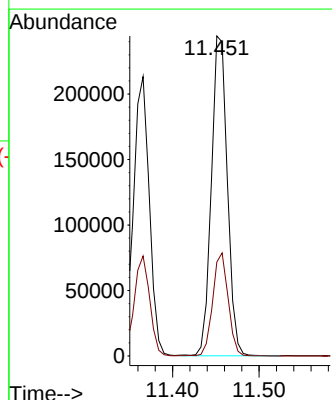
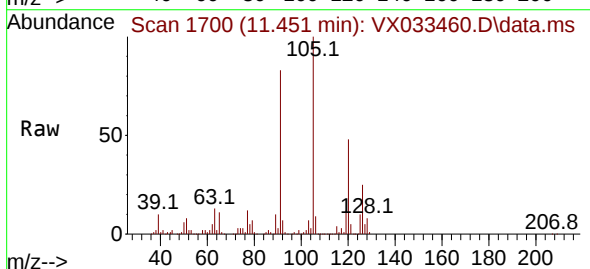
Manual Integrations
APPROVED

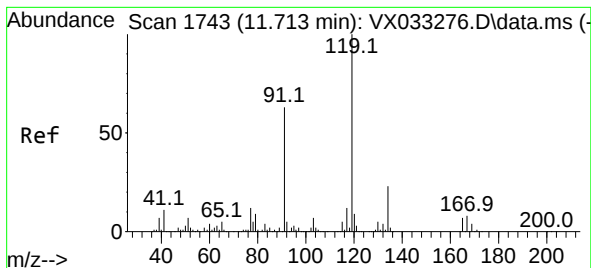
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#82
4-Chlorotoluene
Concen: 52.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion: 91 Resp: 312825
Ion Ratio Lower Upper
91 100
126 31.2 14.8 44.4





#83

tert-Butylbenzene

Concen: 53.655 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 33002

Ion Ratio Lower Upper

119 100

91 57.9 29.4 88.2

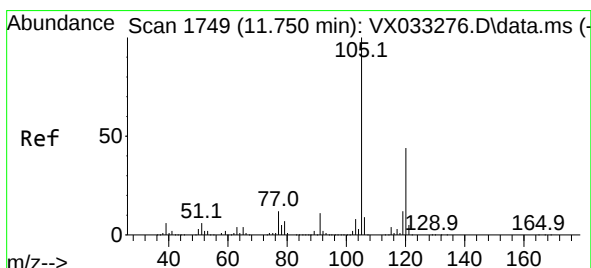
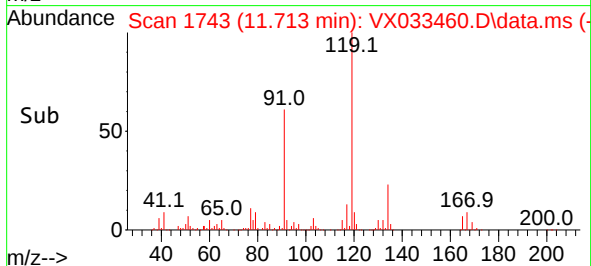
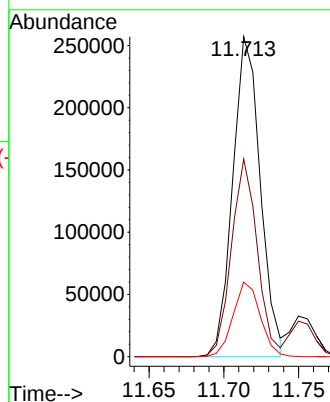
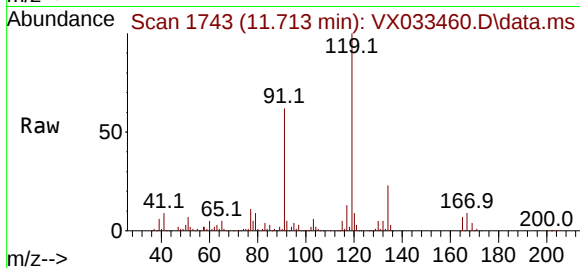
134 22.9 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#84

1,2,4-Trimethylbenzene

Concen: 54.470 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033460.D

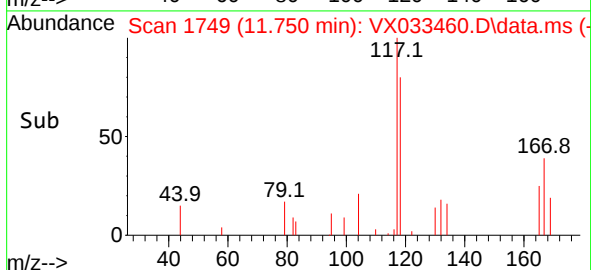
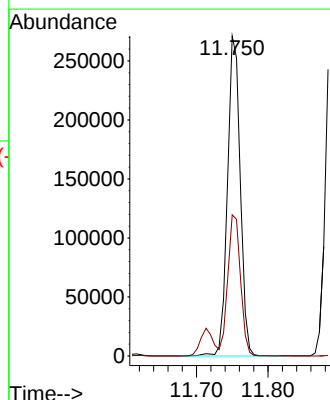
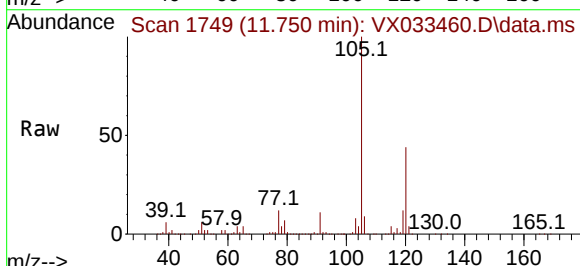
Acq: 16 Dec 2022 14:50

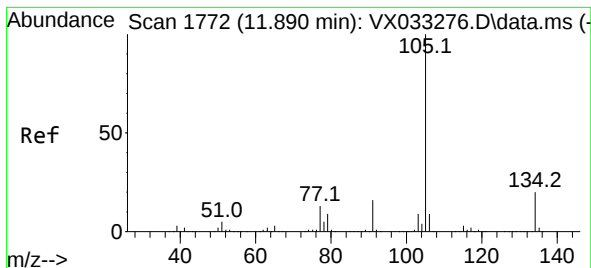
Tgt Ion:105 Resp: 335373

Ion Ratio Lower Upper

105 100

120 44.1 21.9 65.5





#85

sec-Butylbenzene

Concen: 56.256 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 403715

Ion Ratio Lower Upper

105 100

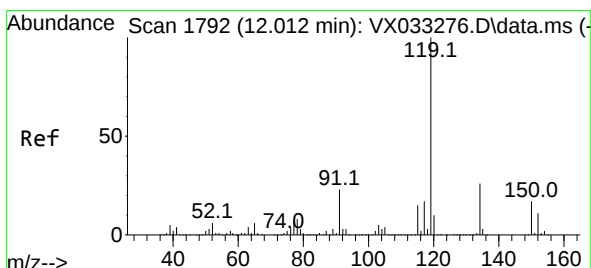
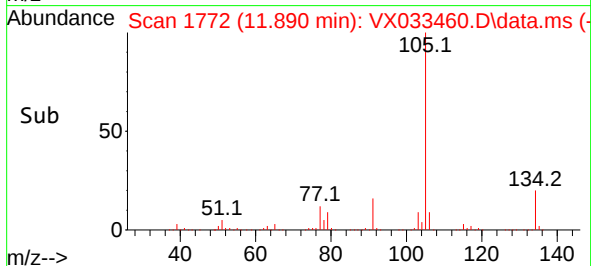
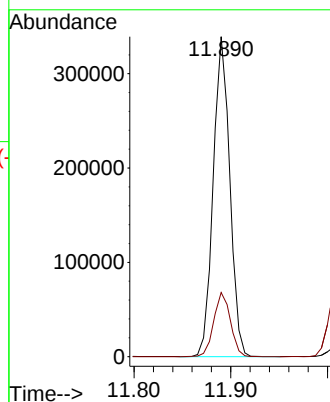
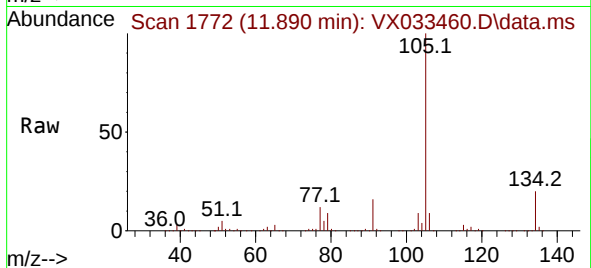
134 20.2 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#86

p-Isopropyltoluene

Concen: 56.030 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

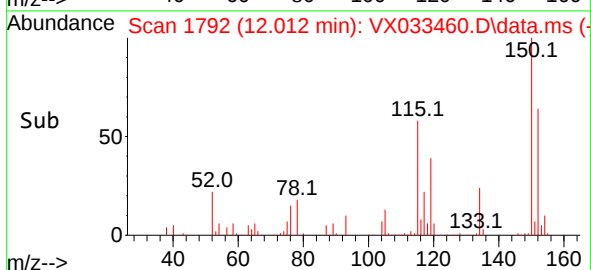
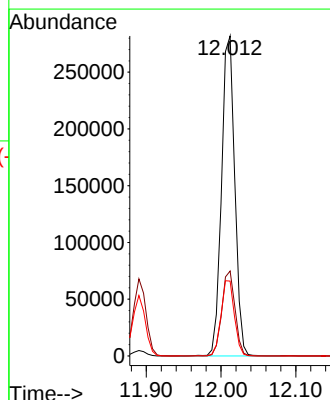
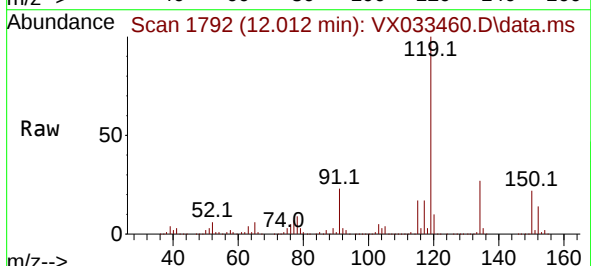
Tgt Ion:119 Resp: 346666

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.7

91 23.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 54.584 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 185010

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.8

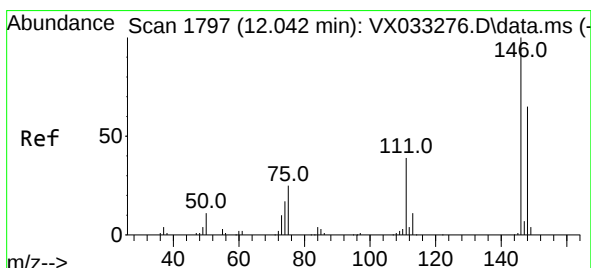
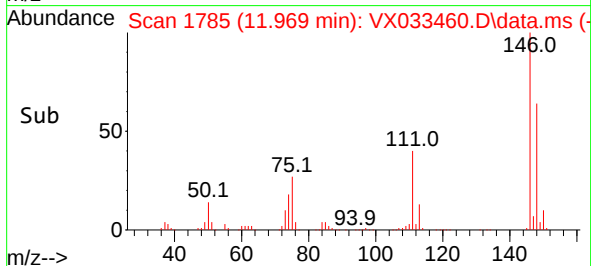
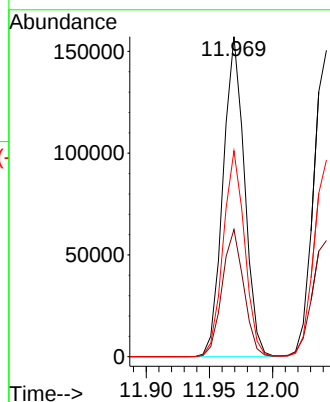
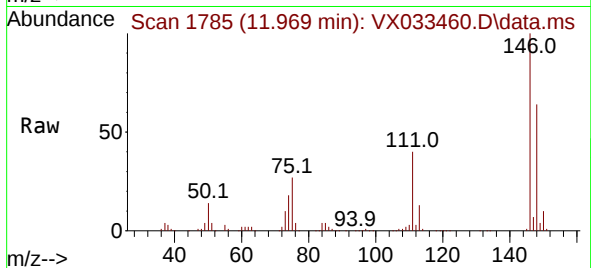
148 64.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#88

1,4-Dichlorobenzene

Concen: 54.030 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033460.D

Acq: 16 Dec 2022 14:50

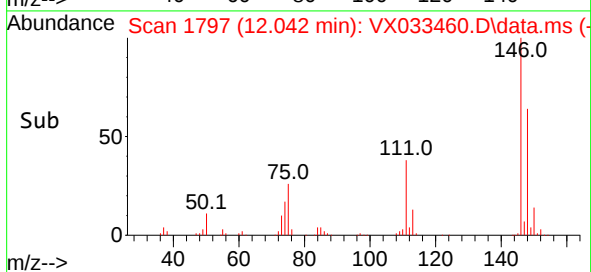
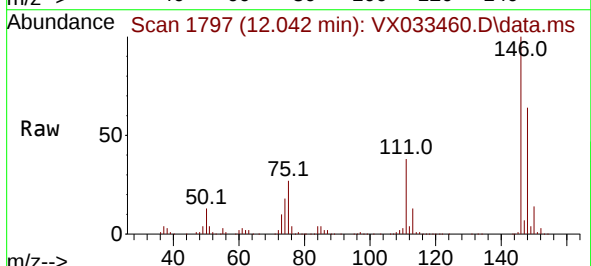
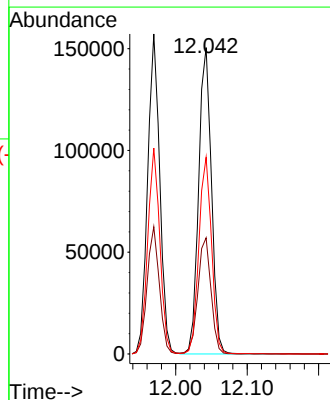
Tgt Ion:146 Resp: 187065

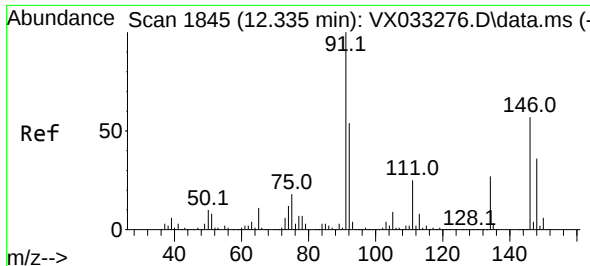
Ion Ratio Lower Upper

146 100

111 39.0 20.5 61.6

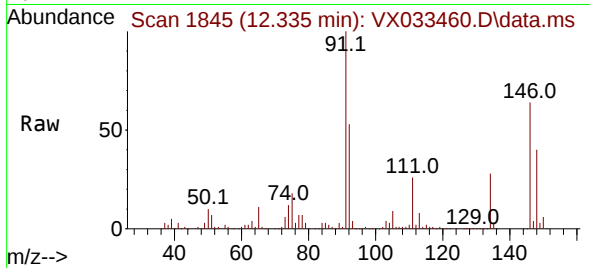
148 63.3 32.2 96.6





#89
n-Butylbenzene
Concen: 57.815 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

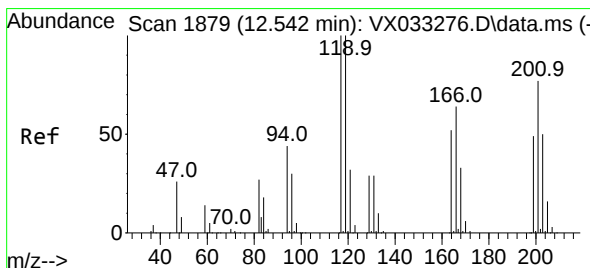
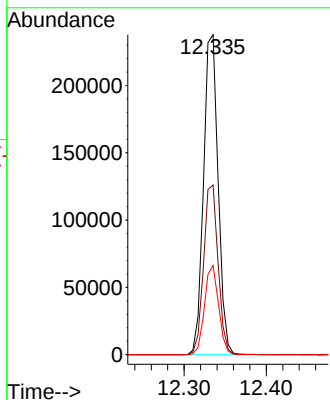
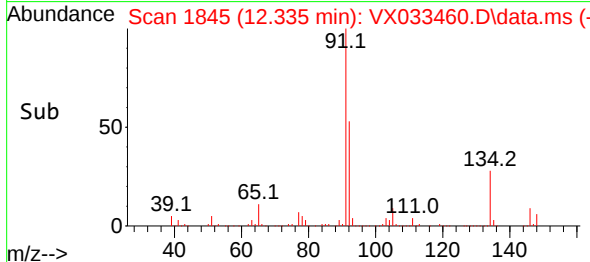
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 292978
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.6
134 26.9 12.9 38.6

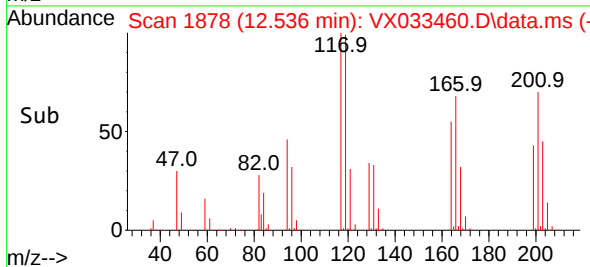
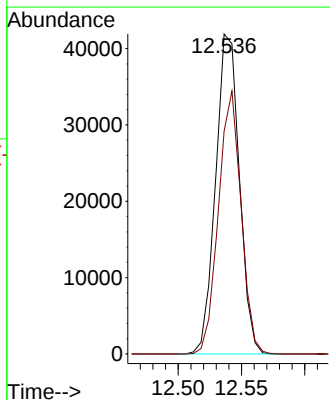
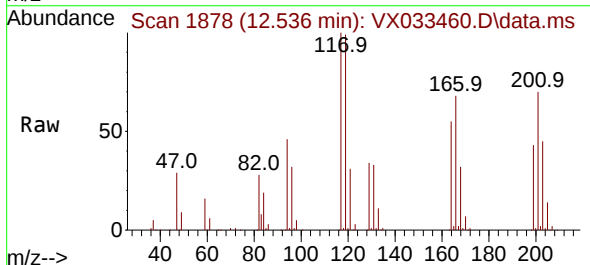
Manual Integrations
APPROVED

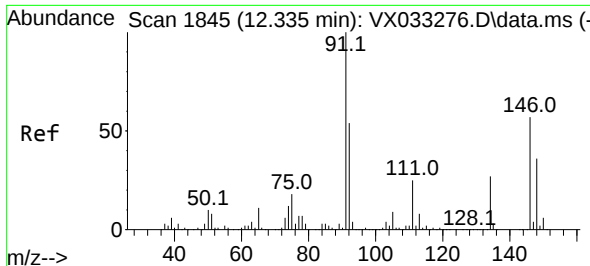
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#90
Hexachloroethane
Concen: 51.979 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Tgt Ion:117 Resp: 54665
Ion Ratio Lower Upper
117 100
201 78.2 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 53.175 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

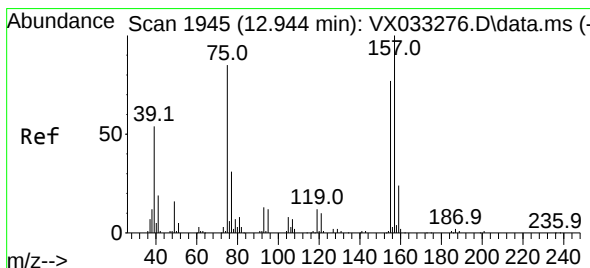
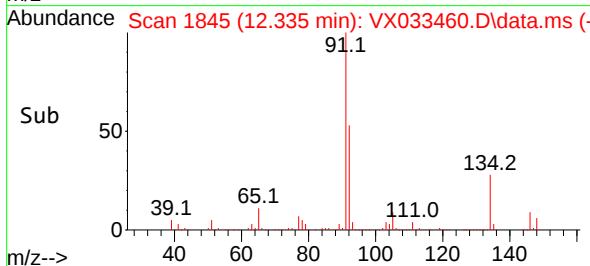
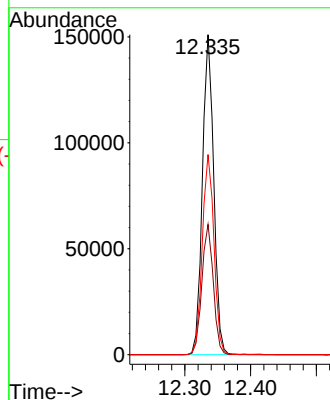
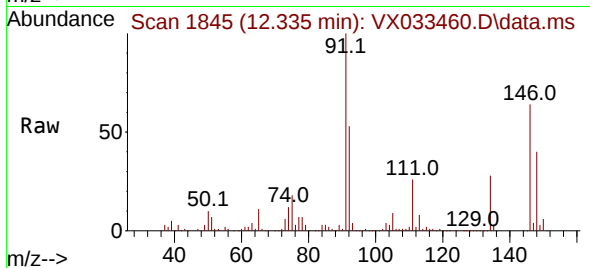
Tgt Ion:146 Resp: 180199
Ion Ratio Lower Upper
146 100
111 41.2 21.5 64.5
148 64.4 32.0 96.2

Manual Integrations

APPROVED

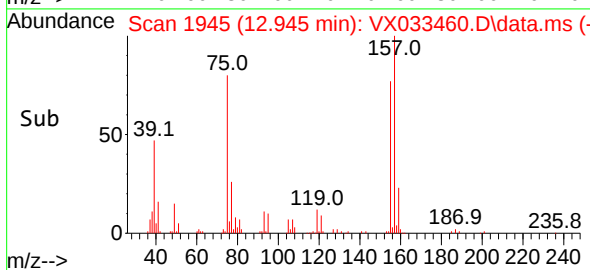
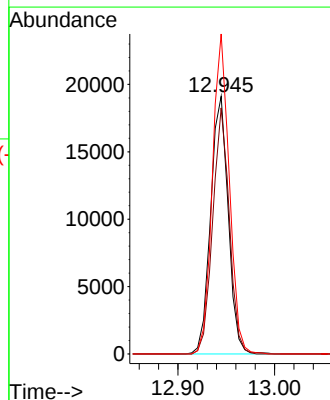
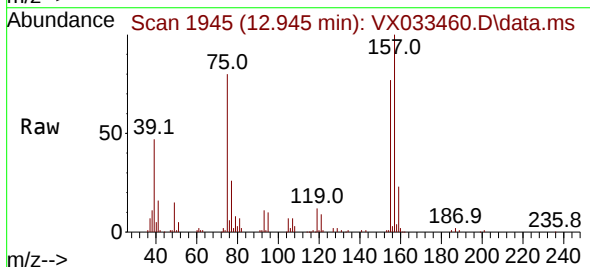
Reviewed By :John Carlone 12/19/2022

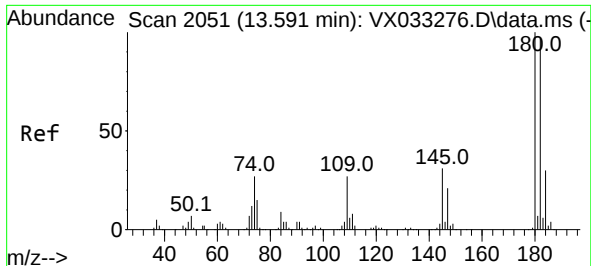
Supervised By :Mahesh Dadoda 12/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.582 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

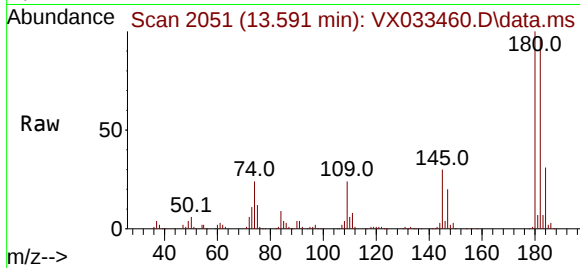
Tgt Ion: 75 Resp: 24161
Ion Ratio Lower Upper
75 100
155 89.9 41.6 124.8
157 119.2 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 55.771 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

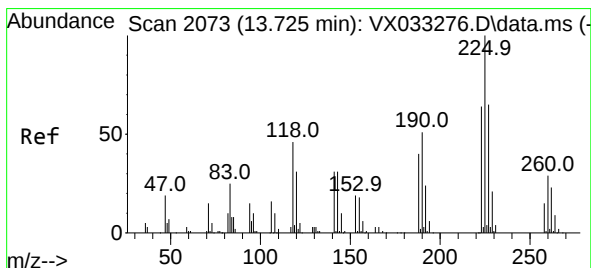
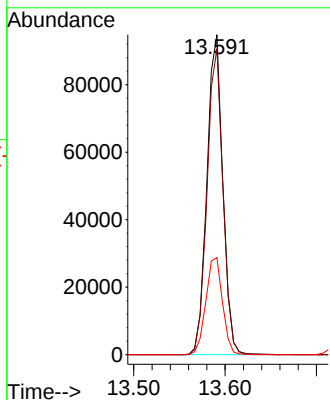
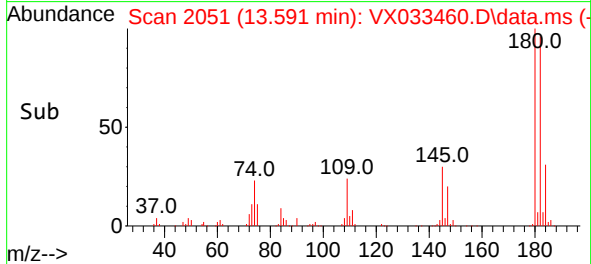
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



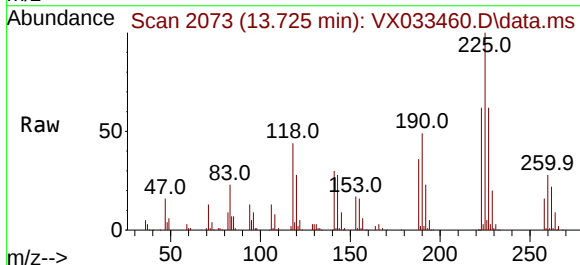
Tgt Ion:180 Resp: 11414
Ion Ratio Lower Upper
180 100
182 95.4 48.4 145.0
145 31.8 16.2 48.5

Manual Integrations
APPROVED

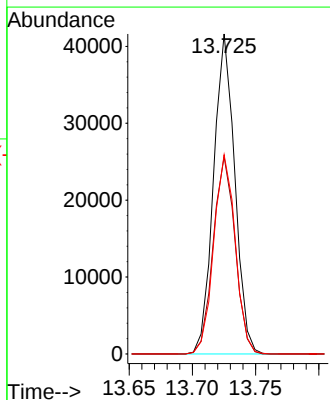
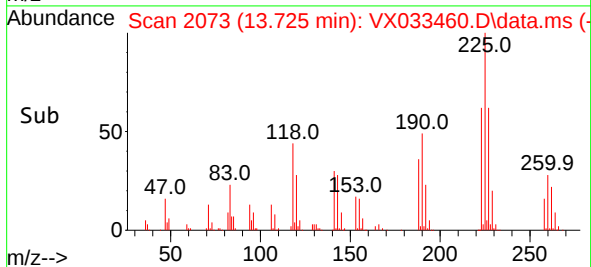
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

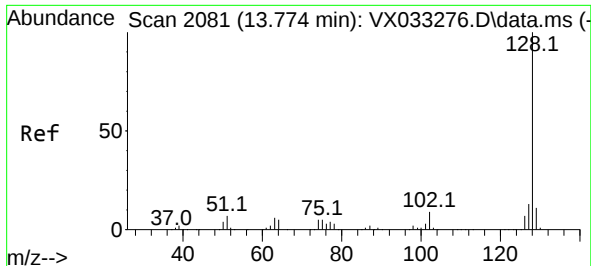


#94
Hexachlorobutadiene
Concen: 59.151 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50



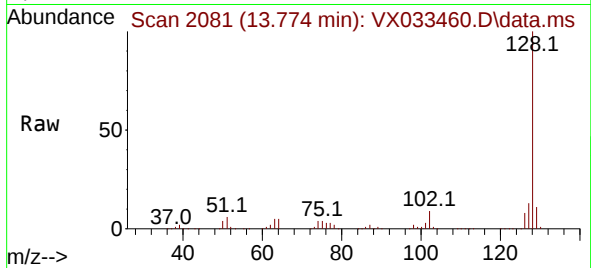
Tgt Ion:225 Resp: 48477
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.9
227 63.3 31.9 95.5





#95
Naphthalene
Concen: 55.011 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50

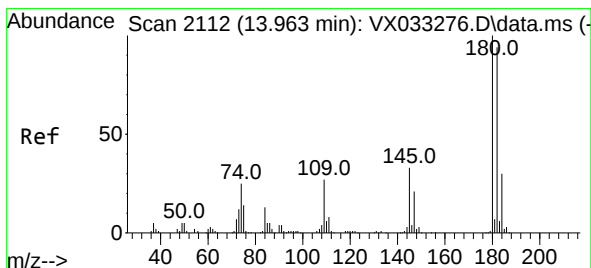
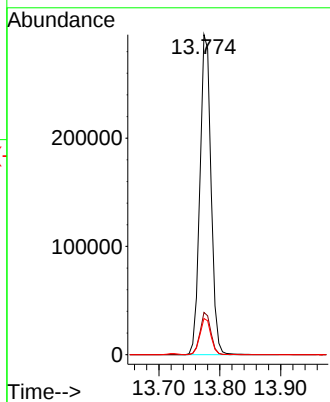
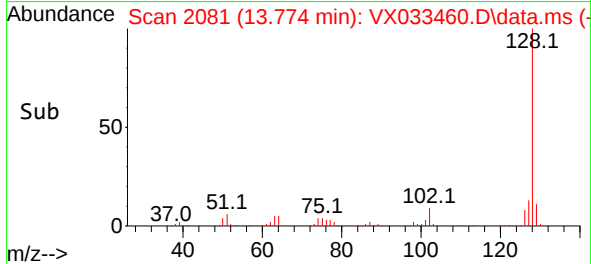
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



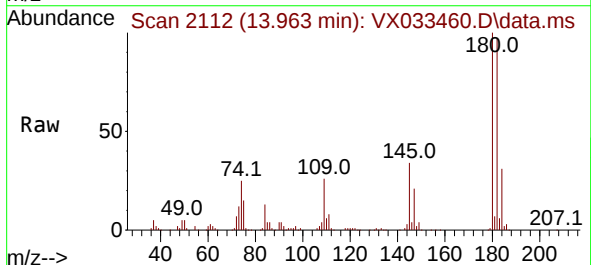
Tgt Ion:128 Resp: 375552
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.2 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 54.131 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033460.D
Acq: 16 Dec 2022 14:50



Tgt Ion:180 Resp: 112203
Ion Ratio Lower Upper
180 100
182 96.5 47.5 142.6
145 33.6 16.9 50.6

