

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034532.D
 Acq On : 16 Mar 2023 09:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 06:19:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	303169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	509233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	461644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	244707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	231549	52.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.379	113	173714	51.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.340%			
50) Toluene-d8	8.647	98	687998	54.815	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.620%			
62) 4-Bromofluorobenzene	11.079	95	265855	52.439	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	144902	51.269	ug/l	98
3) Chloromethane	1.301	50	193388	45.040	ug/l	98
4) Vinyl Chloride	1.374	62	187031	48.600	ug/l	98
5) Bromomethane	1.599	94	101708	52.381	ug/l	96
6) Chloroethane	1.679	64	117779	53.155	ug/l	99
7) Trichlorofluoromethane	1.886	101	307188	53.123	ug/l	100
8) Diethyl Ether	2.130	74	114755	54.363	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	174715	51.845	ug/l	99
10) Methyl Iodide	2.447	142	230695	52.141	ug/l	96
11) Tert butyl alcohol	2.953	59	202627	220.618	ug/l	99
12) 1,1-Dichloroethene	2.319	96	162477	48.955	ug/l	94
13) Acrolein	2.233	56	238218	327.860	ug/l	99
14) Allyl chloride	2.660	41	321692	47.810	ug/l	96
15) Acrylonitrile	3.056	53	476683	240.260	ug/l	99
16) Acetone	2.374	43	549401	264.445	ug/l	100
17) Carbon Disulfide	2.508	76	406810	43.556	ug/l	100
18) Methyl Acetate	2.697	43	322334	47.483	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	603091	50.752	ug/l	99
20) Methylene Chloride	2.788	84	188325	46.706	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	176215	49.995	ug/l	97
22) Diisopropyl ether	3.751	45	655027	51.059	ug/l	99
23) Vinyl Acetate	3.715	43	2521146	258.221	ug/l	99
24) 1,1-Dichloroethane	3.605	63	348507	50.536	ug/l	99
25) 2-Butanone	4.544	43	738302	248.360	ug/l	99
26) 2,2-Dichloropropane	4.471	77	308924	51.535	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	211997	49.964	ug/l	98
28) Bromochloromethane	4.885	49	165115	51.494	ug/l	99
29) Tetrahydrofuran	4.989	42	435156	237.228	ug/l	99
30) Chloroform	5.087	83	360578	53.341	ug/l	99
31) Cyclohexane	5.465	56	308544	49.882	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	317173	53.001	ug/l	99
36) 1,1-Dichloropropene	5.684	75	268330	51.961	ug/l	99
37) Ethyl Acetate	4.702	43	273518	48.482	ug/l	100
38) Carbon Tetrachloride	5.672	117	274313	53.396	ug/l	100
39) Methylcyclohexane	7.373	83	338475	54.769	ug/l	95
40) Benzene	6.032	78	758111	50.183	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	157943	51.084	ug/l	98
42) 1,2-Dichloroethane	6.080	62	306483	55.201	ug/l	98
43) Isopropyl Acetate	6.330	43	482264	50.460	ug/l	100
44) Trichloroethene	7.123	130	196884	50.159	ug/l	98
45) 1,2-Dichloropropane	7.428	63	213328	54.082	ug/l	100
46) Dibromomethane	7.574	93	148539	55.390	ug/l	98
47) Bromodichloromethane	7.818	83	304536	58.676	ug/l	100
48) Methyl methacrylate	7.690	41	254227	55.308	ug/l	97
49) 1,4-Dioxane	7.653	88	96070	995.075	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	1489213	268.602	ug/l	100
52) Toluene	8.714	92	518725	55.462	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	345054	59.013	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	356540	56.361	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	208001	56.037	ug/l	98
56) Ethyl methacrylate	9.116	69	342152	56.142	ug/l	98
57) 1,3-Dichloropropane	9.305	76	356616	54.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	766530	244.056	ug/l	98
59) 2-Hexanone	9.427	43	1104433	257.694	ug/l	100
60) Dibromochloromethane	9.519	129	211162	54.242	ug/l	99
61) 1,2-Dibromoethane	9.610	107	206487	51.552	ug/l	100
64) Tetrachloroethene	9.269	164	170289	54.914	ug/l	94
65) Chlorobenzene	10.080	112	517624	51.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	196845	53.360	ug/l	99
67) Ethyl Benzene	10.189	91	955030	52.668	ug/l	97
68) m/p-Xylenes	10.299	106	730175	104.825	ug/l	100
69) o-Xylene	10.640	106	358920	51.346	ug/l	99
70) Styrene	10.653	104	602915	53.459	ug/l	99
71) Bromoform	10.799	173	146937	51.744	ug/l #	99
73) Isopropylbenzene	10.964	105	953850	50.434	ug/l	100
74) N-amyl acetate	10.842	43	450026	49.679	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.214	83	308734	48.919	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	261809m	46.595	ug/l	
77) Bromobenzene	11.195	156	223762	49.313	ug/l	98
78) n-propylbenzene	11.305	91	1141659	52.268	ug/l	100
79) 2-Chlorotoluene	11.360	91	686620	50.899	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	823193	51.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	98113	47.239	ug/l	96
82) 4-Chlorotoluene	11.451	91	811012	52.195	ug/l	100
83) tert-Butylbenzene	11.713	119	814658	50.934	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	833754	51.427	ug/l	99
85) sec-Butylbenzene	11.890	105	1028529	52.600	ug/l	100
86) p-Isopropyltoluene	12.006	119	872267	53.078	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	444650	50.012	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	450276	50.087	ug/l	99
89) n-Butylbenzene	12.329	91	794012	54.349	ug/l	99
90) Hexachloroethane	12.536	117	156495	51.464	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	435374	50.672	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	69084	48.180	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	275455	51.266	ug/l	99
94) Hexachlorobutadiene	13.725	225	118993	54.972	ug/l	97
95) Naphthalene	13.774	128	886297	49.191	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	269081	51.232	ug/l	98

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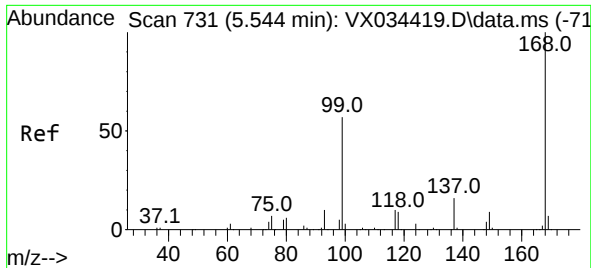
Manual Integrations
APPROVED

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Quant Time: Mar 17 06:19:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

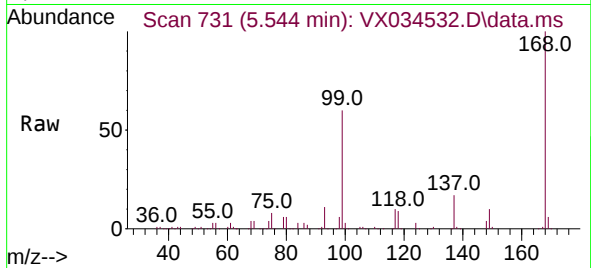
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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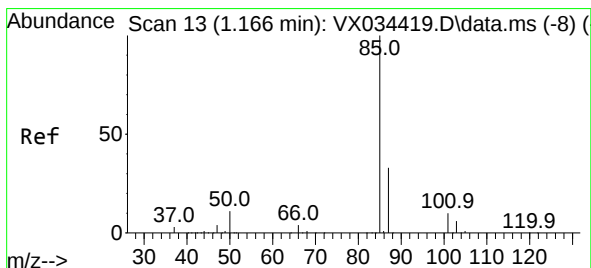
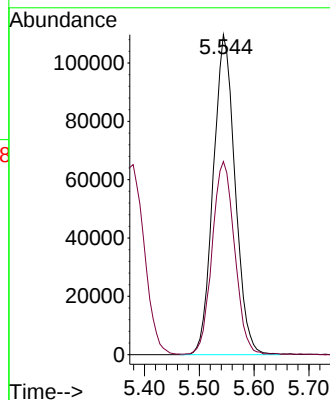
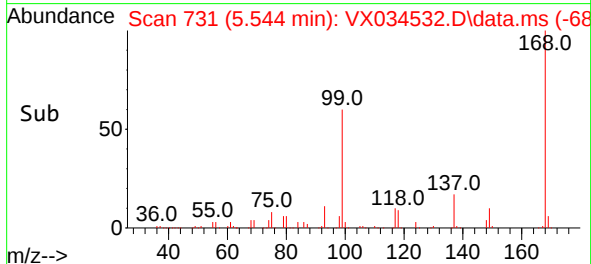
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



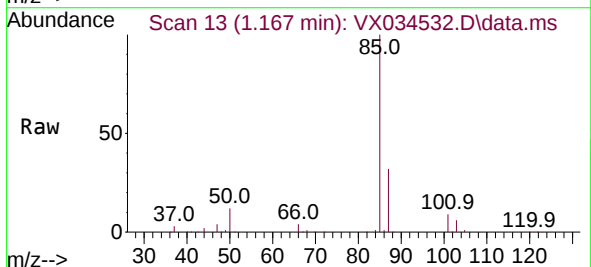
Tgt Ion:168 Resp: 303169
Ion Ratio Lower Upper
168 100
99 60.1 45.7 68.5

Manual Integrations
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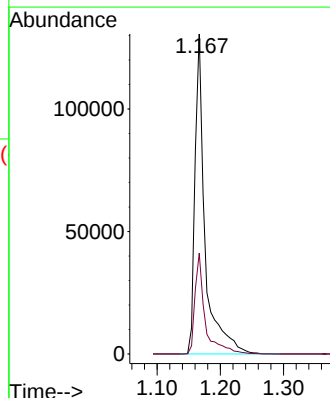
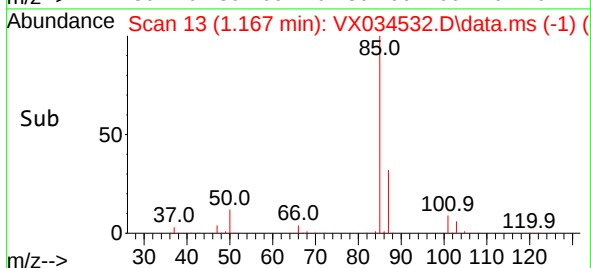
Reviewed By :John Carlone 03/17/2023
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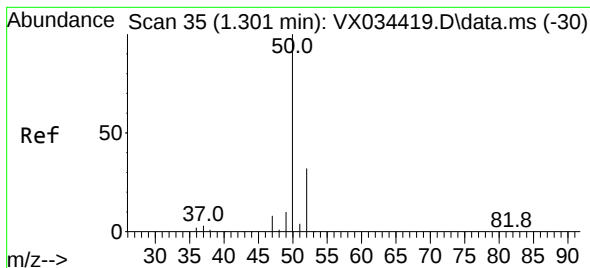


#2
Dichlorodifluoromethane
Concen: 51.269 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



Tgt Ion: 85 Resp: 144902
Ion Ratio Lower Upper
85 100
87 31.5 16.4 49.1





#3

Chloromethane

Concen: 45.040 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 19338

Ion Ratio Lower Upper

50 100

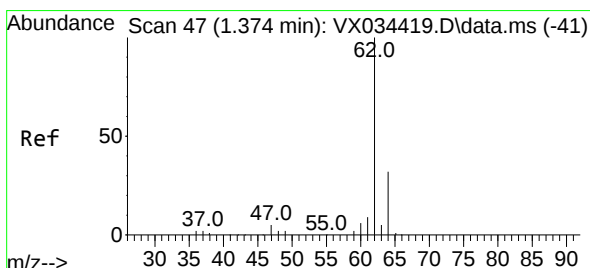
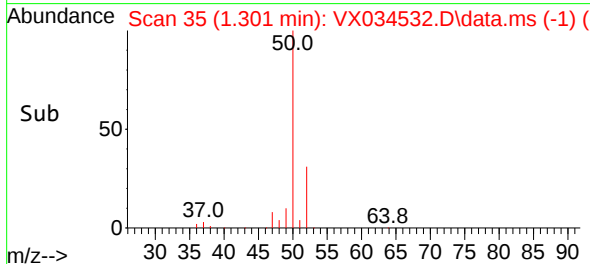
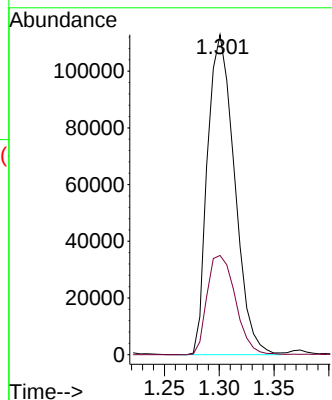
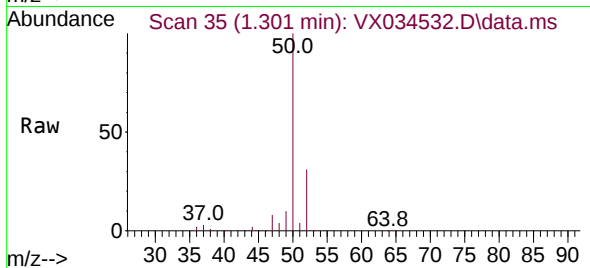
52 31.0 25.9 38.9

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 48.600 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX034532.D

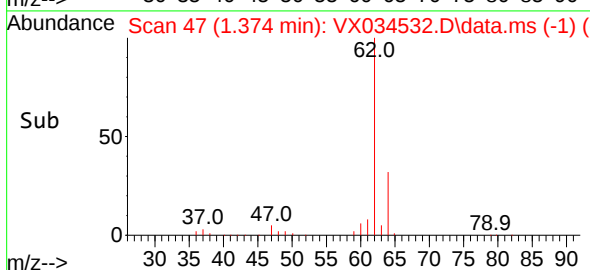
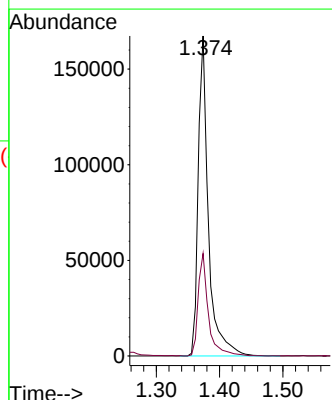
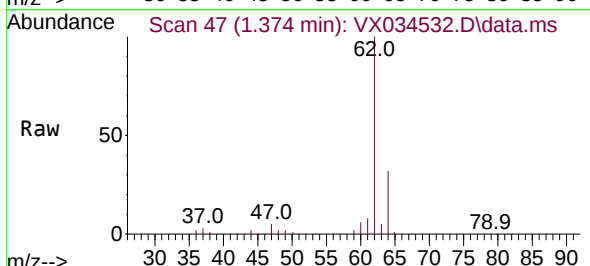
Acq: 16 Mar 2023 09:47

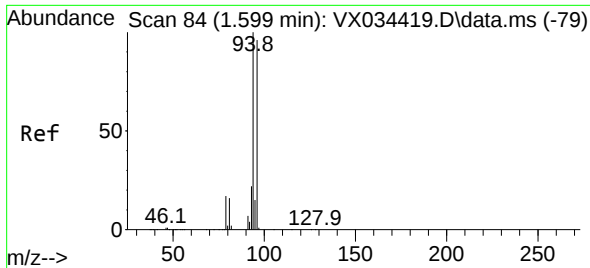
Tgt Ion: 62 Resp: 187031

Ion Ratio Lower Upper

62 100

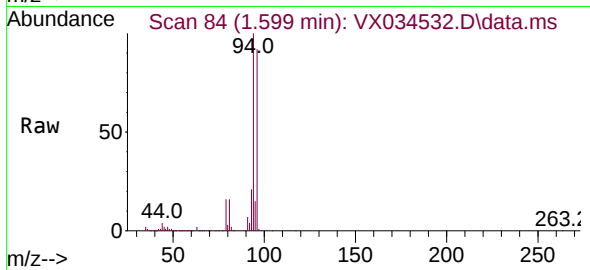
64 32.0 26.4 39.6





#5
Bromomethane
Concen: 52.381 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

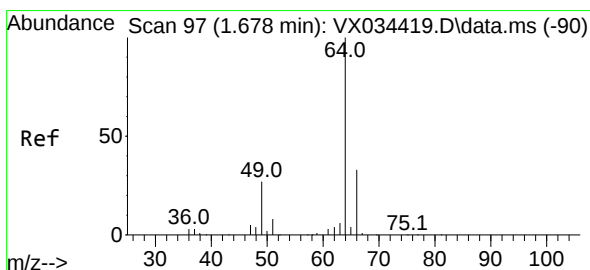
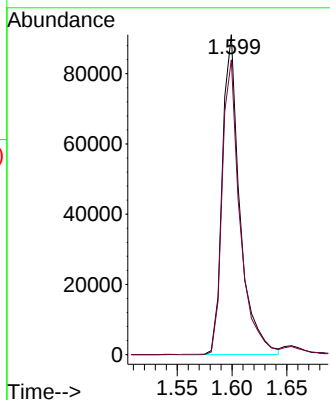
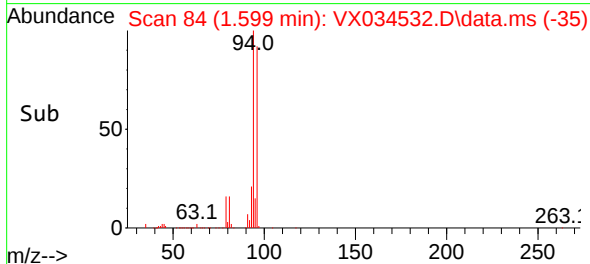
Instrument :
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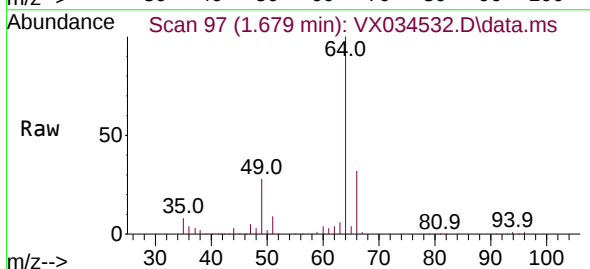
Tgt Ion: 94 Resp: 101708
Ion Ratio Lower Upper
94 100
96 92.2 77.0 115.6

Manual Integrations
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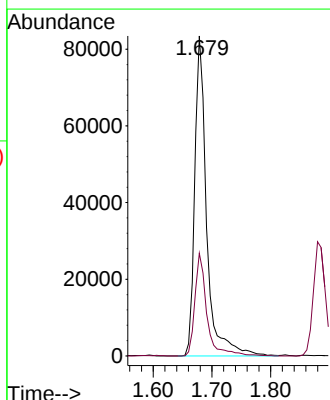
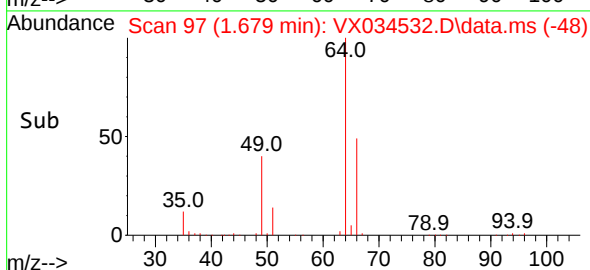
Reviewed By :John Carlone 03/17/2023
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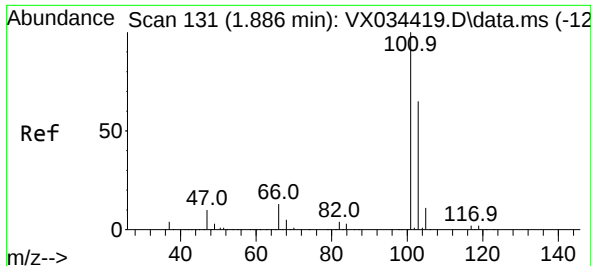


#6
Chloroethane
Concen: 53.155 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034532.D
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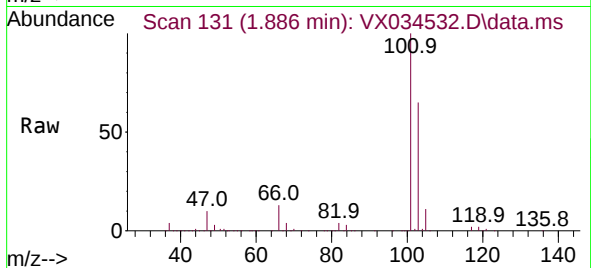
Tgt Ion: 64 Resp: 117779
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 53.123 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

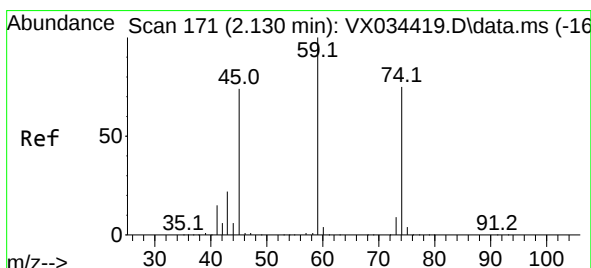
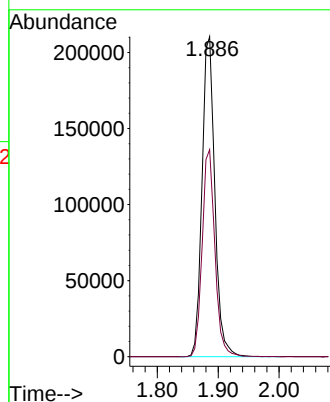
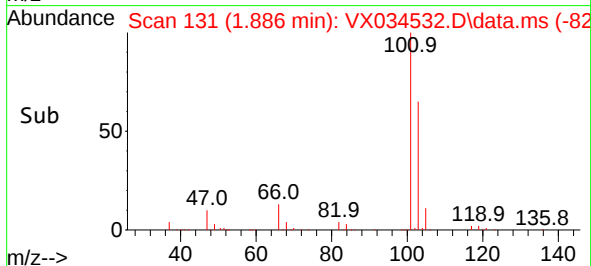
Instrument :
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ClientSampleId :
VSTDCCC050



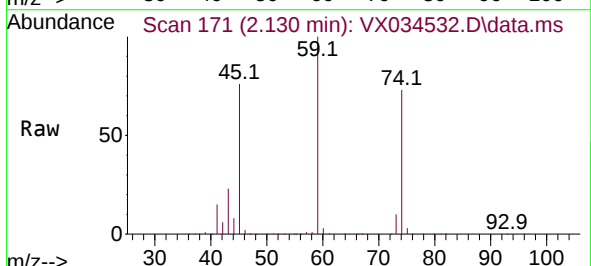
Tgt Ion:101 Resp: 30718
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

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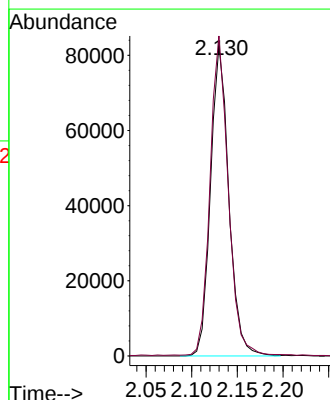
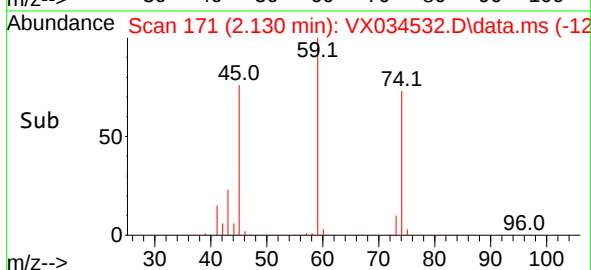
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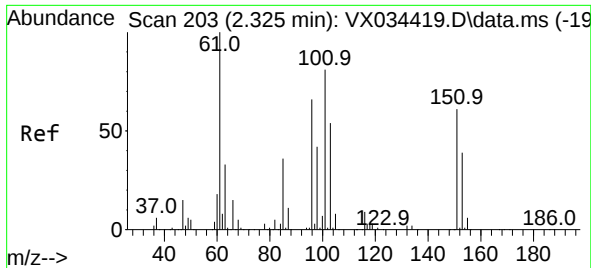


#8
Diethyl Ether
Concen: 54.363 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



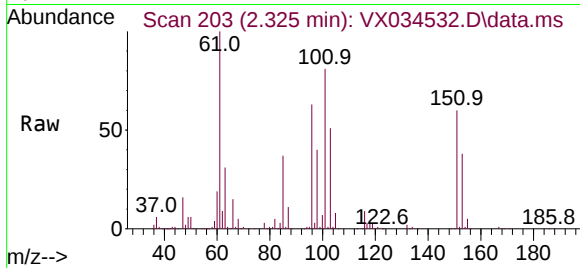
Tgt Ion: 74 Resp: 114755
Ion Ratio Lower Upper
74 100
45 103.5 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.845 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034532.D
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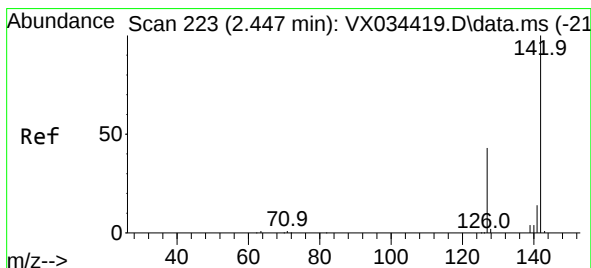
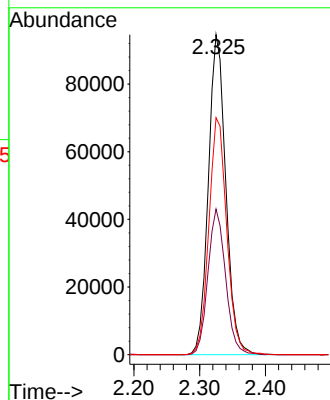
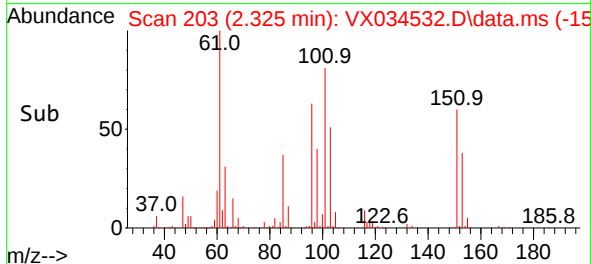
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



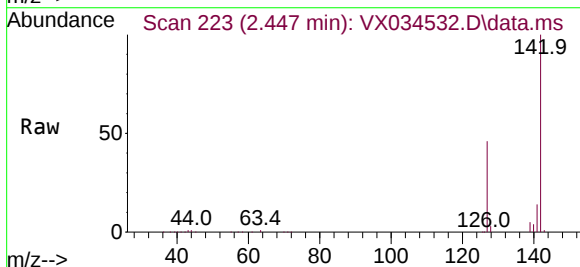
Tgt Ion:101 Resp: 174715
Ion Ratio Lower Upper
101 100
85 45.9 35.4 53.2
151 76.0 60.2 90.4

Manual Integrations
APPROVED

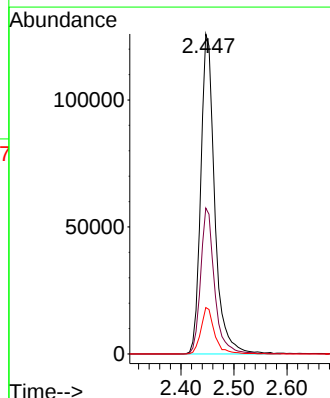
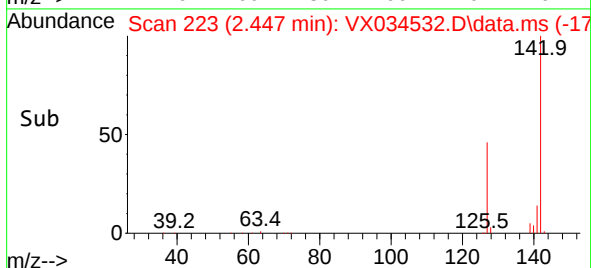
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

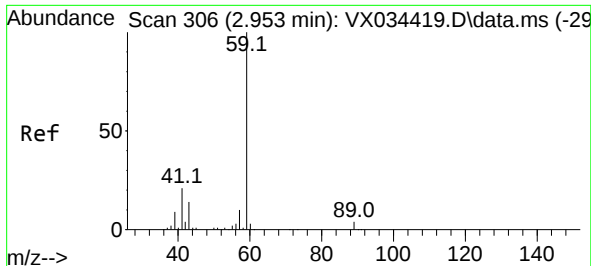


#10
Methyl Iodide
Concen: 52.141 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



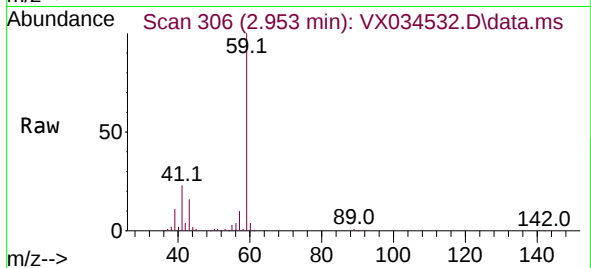
Tgt Ion:142 Resp: 230695
Ion Ratio Lower Upper
142 100
127 45.4 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 220.618 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

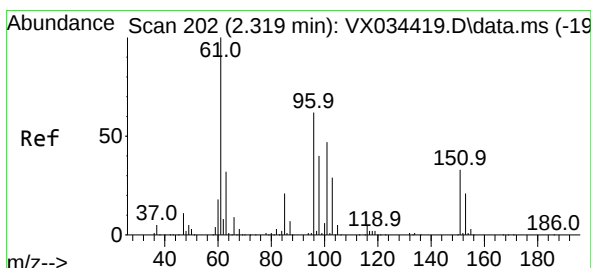
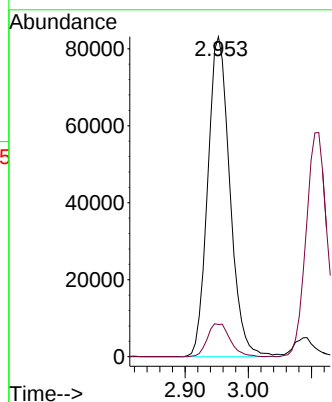
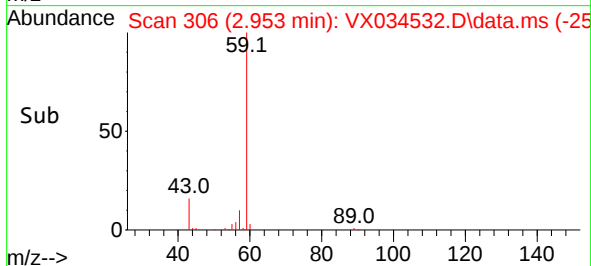
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050



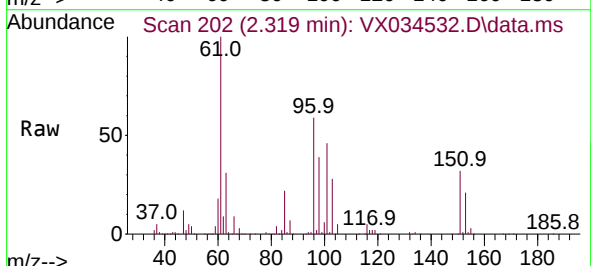
Tgt Ion: 59 Resp: 202627
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

Manual Integrations
APPROVED

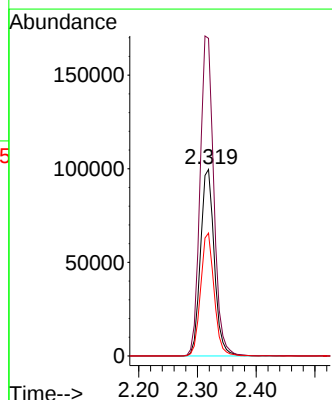
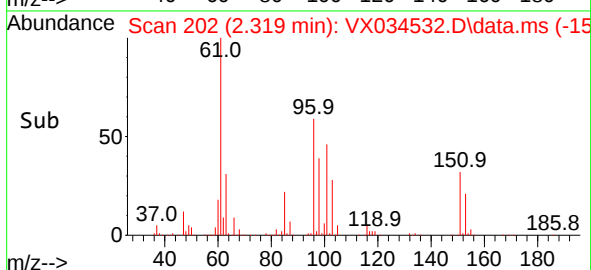
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

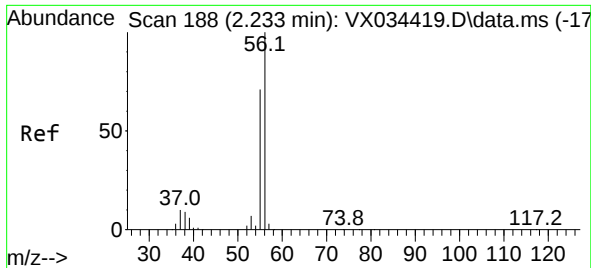


#12
1,1-Dichloroethene
Concen: 48.955 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



Tgt Ion: 96 Resp: 162477
Ion Ratio Lower Upper
96 100
61 170.2 128.8 193.2
98 65.8 51.4 77.0





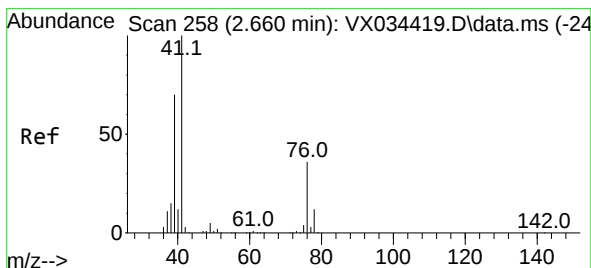
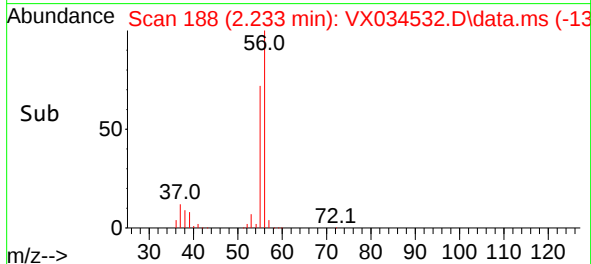
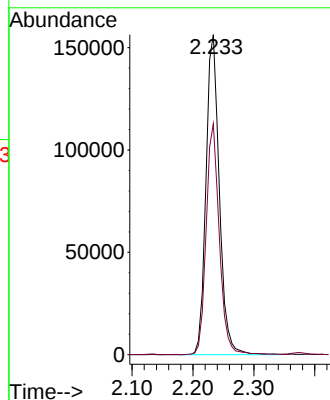
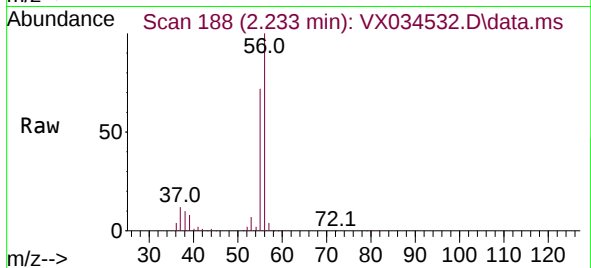
#13
Acrolein
Concen: 327.860 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 238218
Ion Ratio Lower Upper
56 100
55 71.3 56.6 85.0

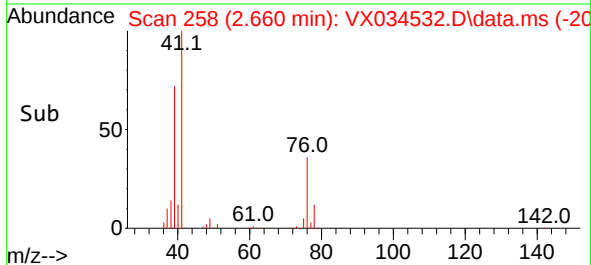
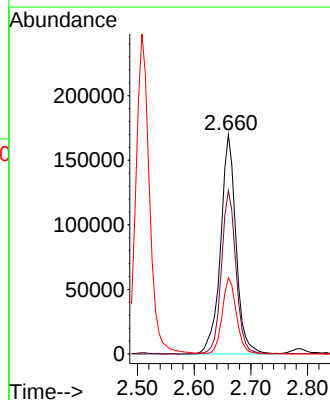
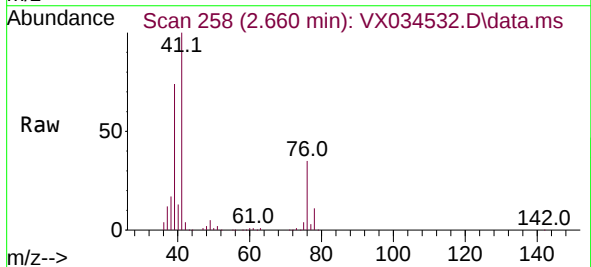
Manual Integrations
APPROVED

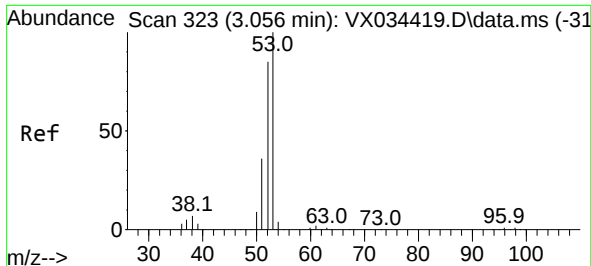
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#14
Allyl chloride
Concen: 47.810 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

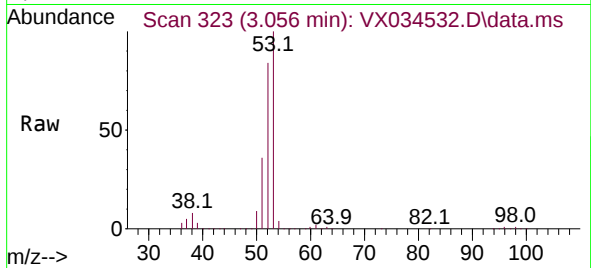
Tgt Ion: 41 Resp: 321692
Ion Ratio Lower Upper
41 100
39 70.0 52.4 78.6
76 31.8 26.0 39.0





#15
Acrylonitrile
Concen: 240.260 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

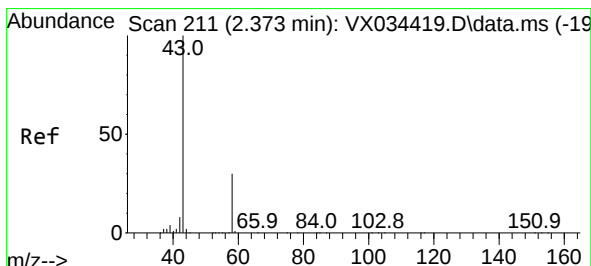
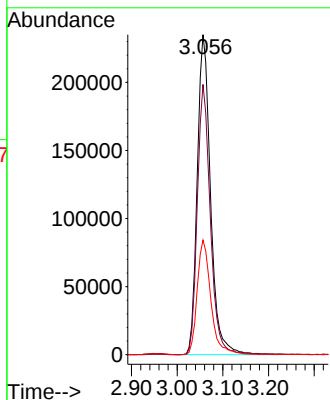
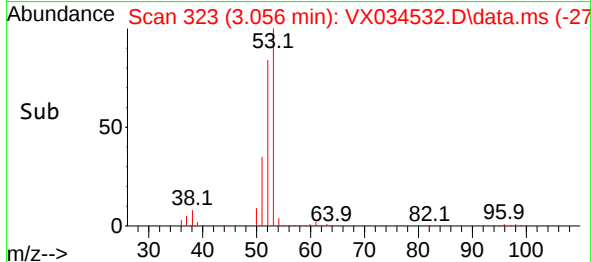
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



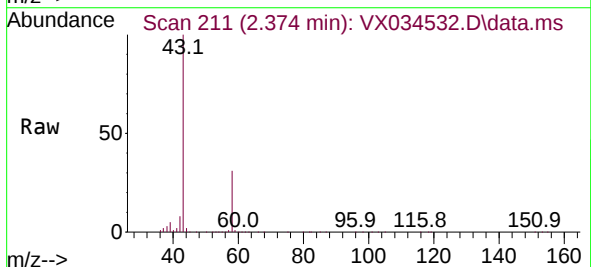
Tgt Ion: 53 Resp: 47668
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 36.8 28.3 42.5

Manual Integrations
APPROVED

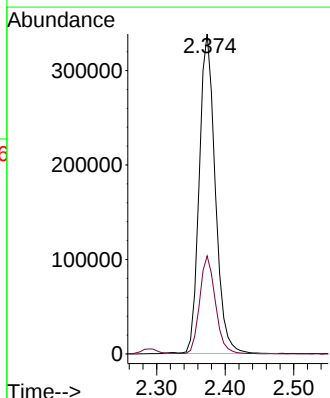
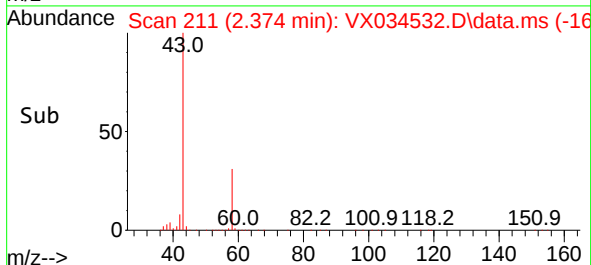
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

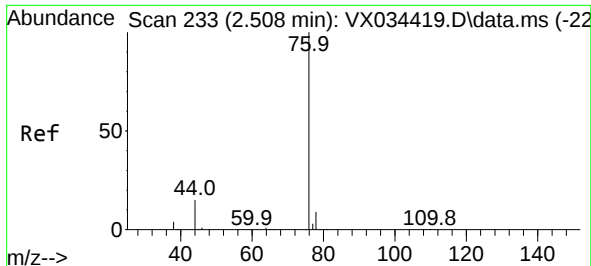


#16
Acetone
Concen: 264.445 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



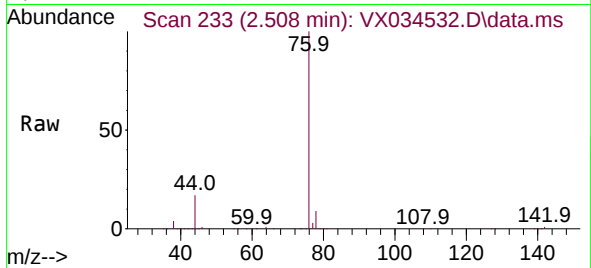
Tgt Ion: 43 Resp: 549401
Ion Ratio Lower Upper
43 100
58 30.7 24.7 37.1





#17
Carbon Disulfide
Concen: 43.556 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

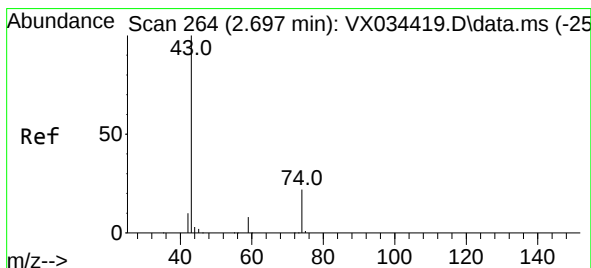
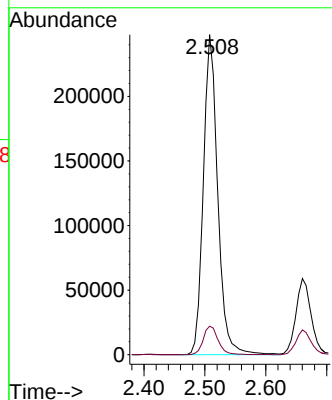
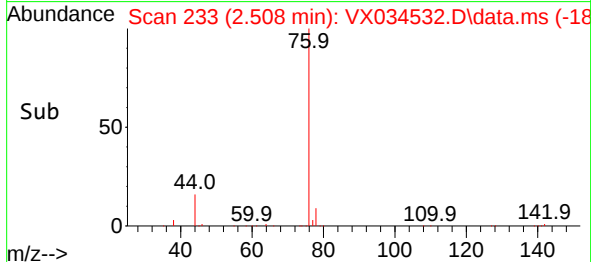
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 406810
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

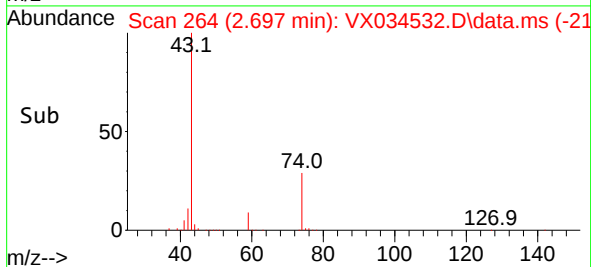
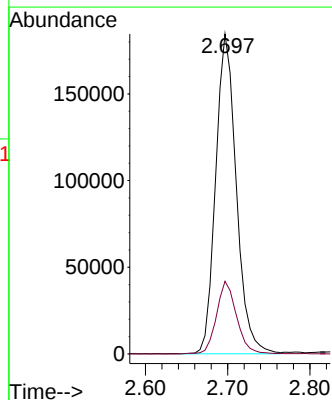
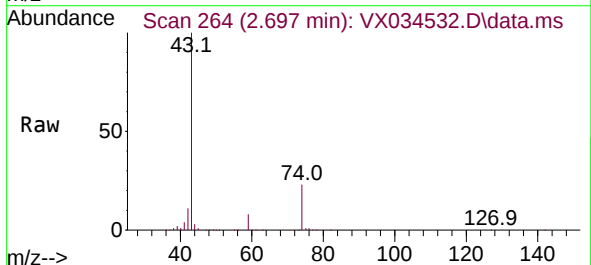
Manual Integrations
APPROVED

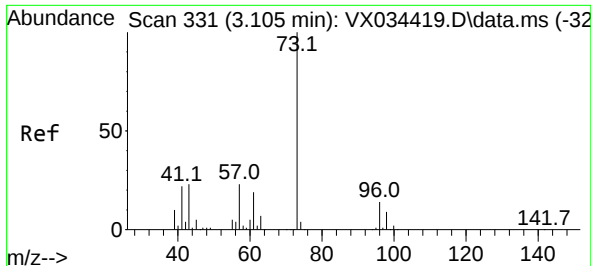
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#18
Methyl Acetate
Concen: 47.483 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Tgt Ion: 43 Resp: 322334
Ion Ratio Lower Upper
43 100
74 22.2 18.3 27.5





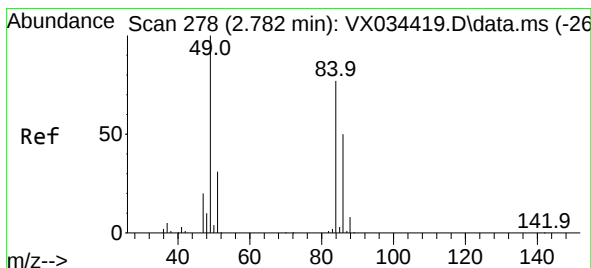
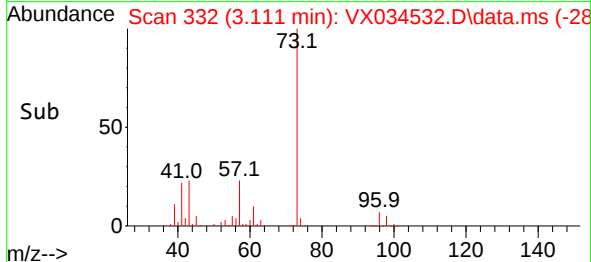
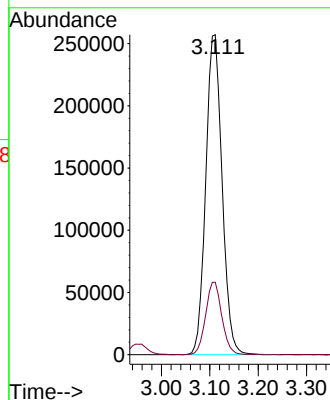
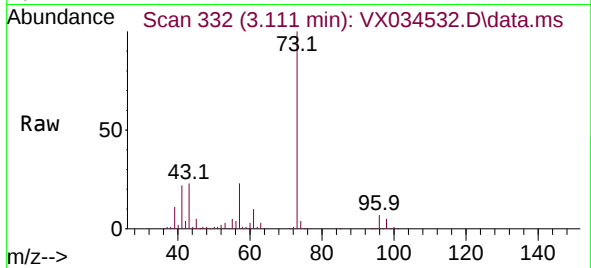
#19
Methyl tert-butyl Ether
Concen: 50.752 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 60309
Ion Ratio Lower Upper
73 100
57 22.6 18.5 27.7

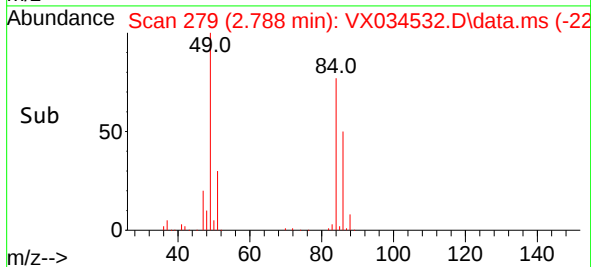
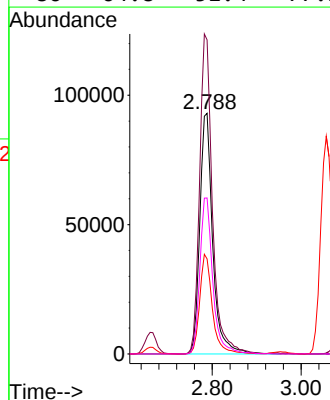
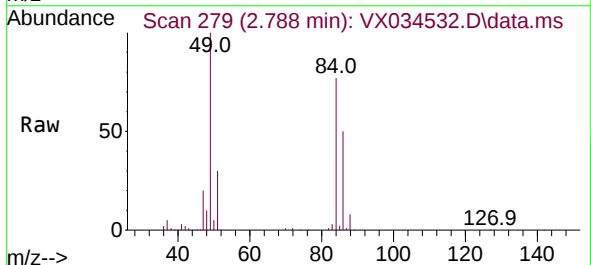
Manual Integrations
APPROVED

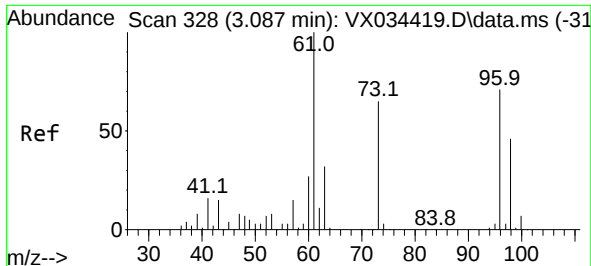
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#20
Methylene Chloride
Concen: 46.706 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

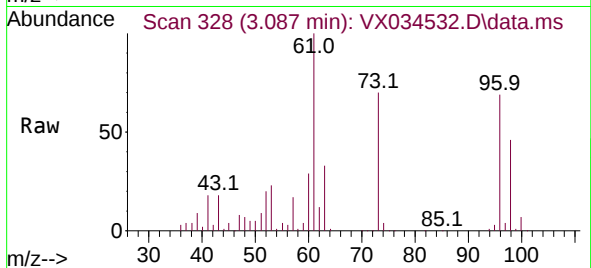
Tgt Ion: 84 Resp: 188325
Ion Ratio Lower Upper
84 100
49 130.5 103.8 155.8
51 39.5 31.8 47.8
86 64.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 49.995 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

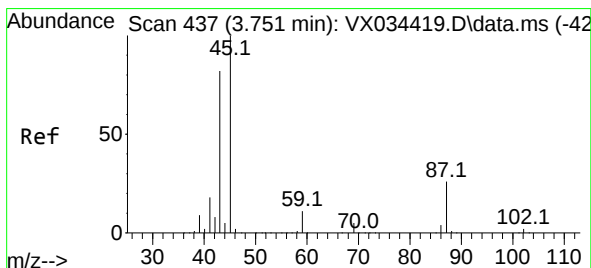
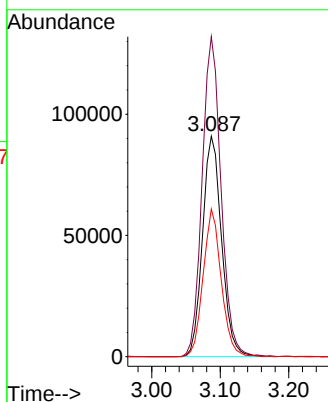
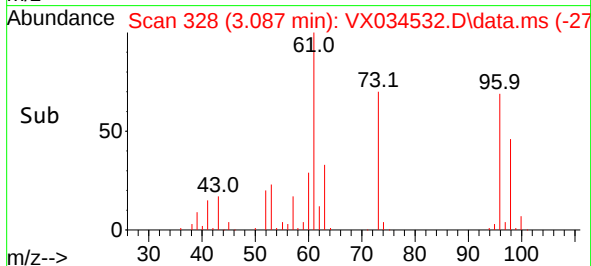
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 176215
Ion Ratio Lower Upper
96 100
61 145.1 113.0 169.6
98 67.0 52.1 78.1

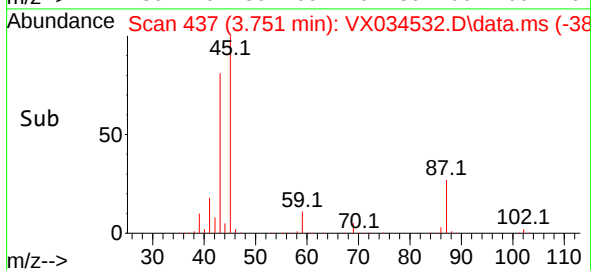
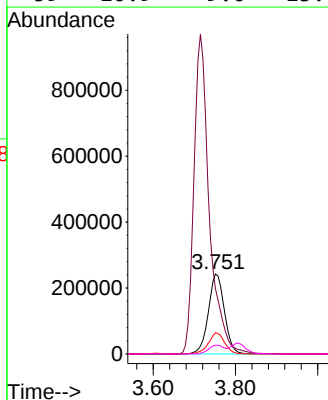
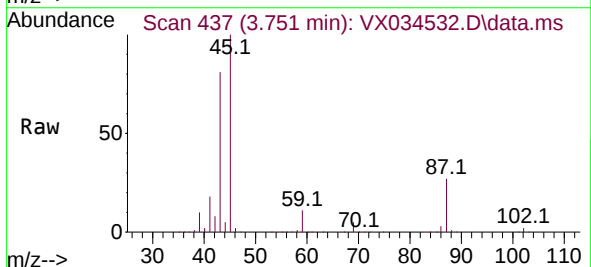
Manual Integrations
APPROVED

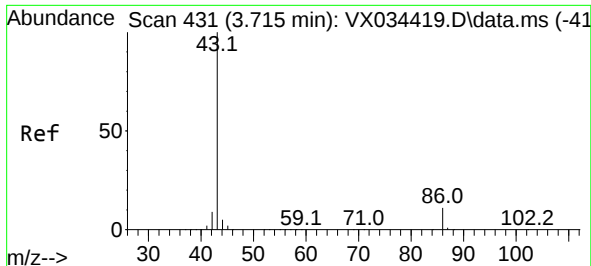
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#22
Diisopropyl ether
Concen: 51.059 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

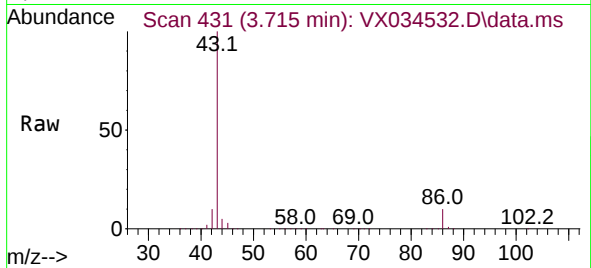
Tgt Ion: 45 Resp: 655027
Ion Ratio Lower Upper
45 100
43 81.4 65.4 98.2
87 26.6 20.6 31.0
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 258.221 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034532.D
 Acq: 16 Mar 2023 09:47

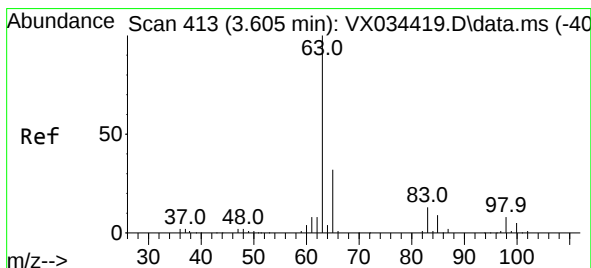
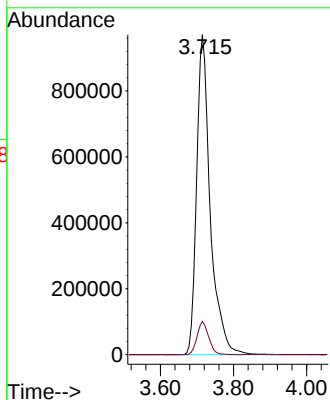
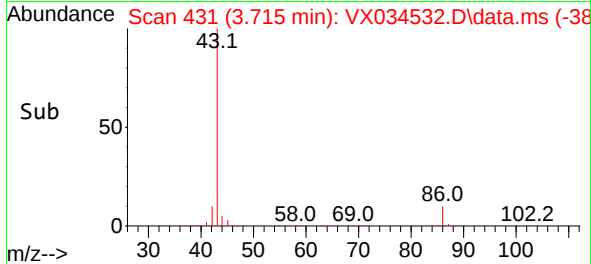
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



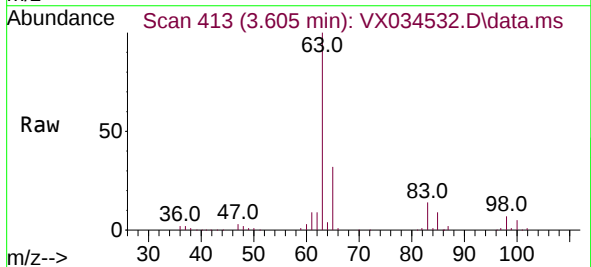
Tgt Ion: 43 Resp: 252114
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

Manual Integrations
 APPROVED

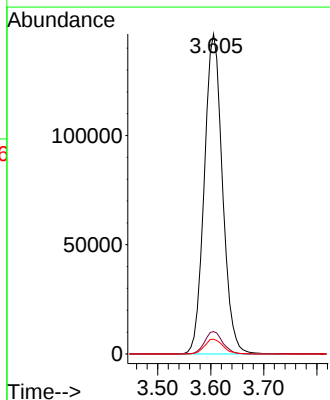
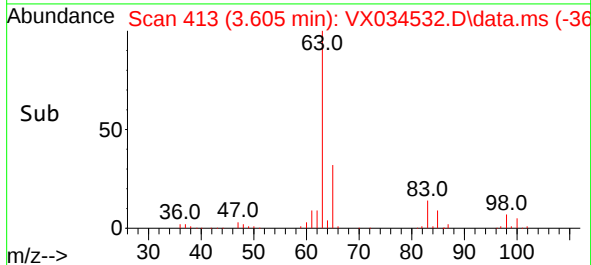
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

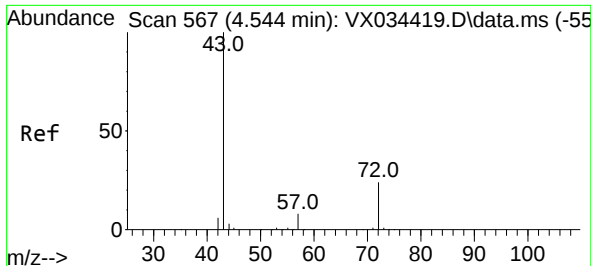


#24
 1,1-Dichloroethane
 Concen: 50.536 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034532.D
 Acq: 16 Mar 2023 09:47



Tgt Ion: 63 Resp: 348507
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.6 2.4 7.1





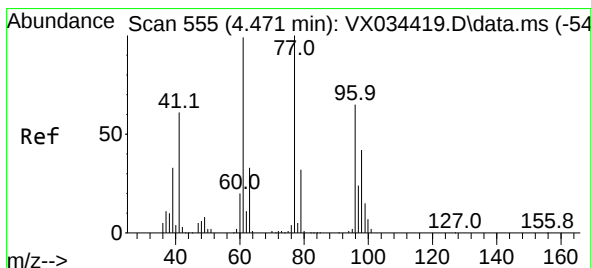
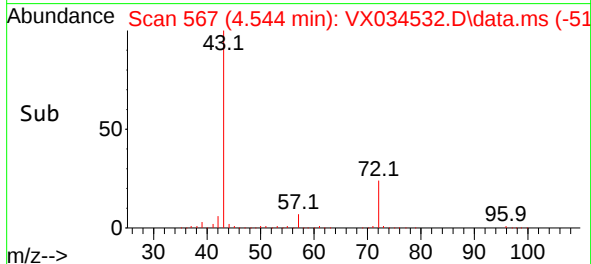
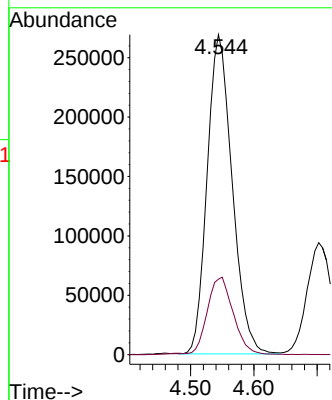
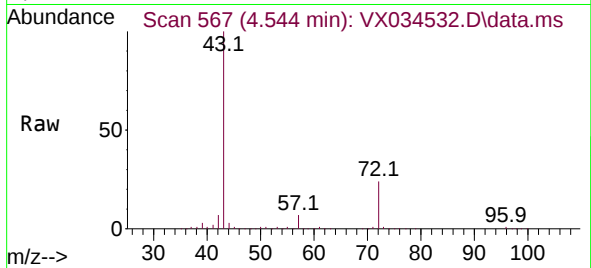
#25
2-Butanone
Concen: 248.360 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 738302
Ion Ratio Lower Upper
43 100
72 23.5 19.3 28.9

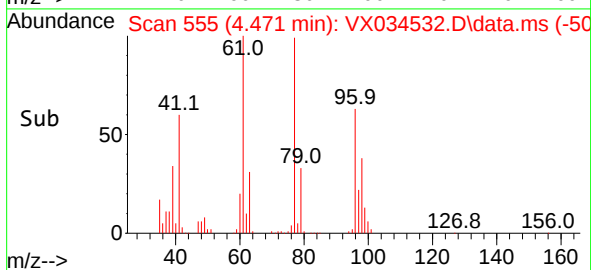
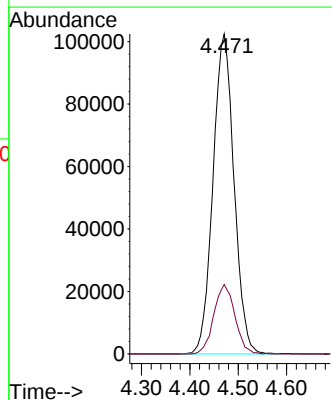
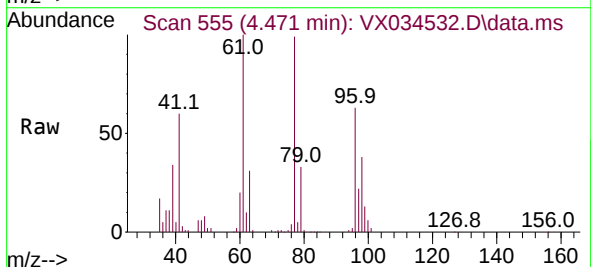
Manual Integrations
APPROVED

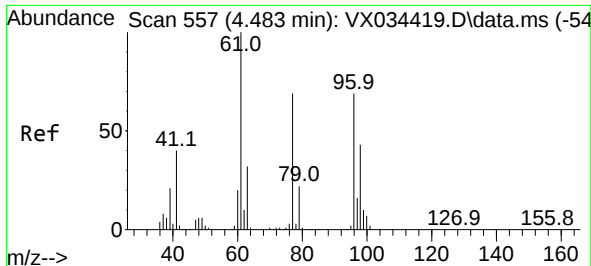
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
2,2-Dichloropropane
Concen: 51.535 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

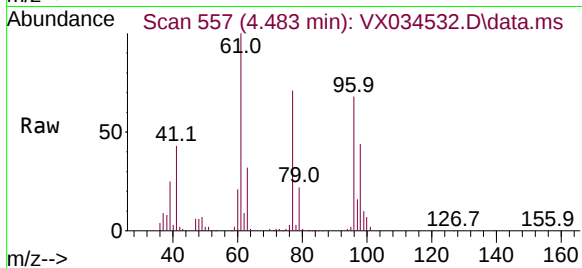
Tgt Ion: 77 Resp: 308924
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.964 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX034532.D
 Acq: 16 Mar 2023 09:47

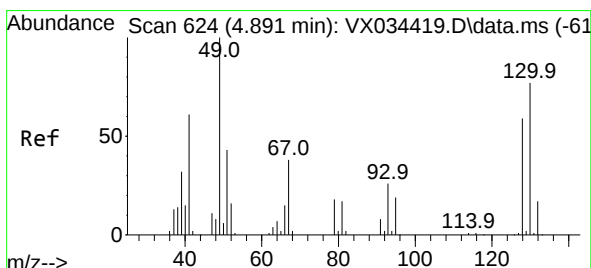
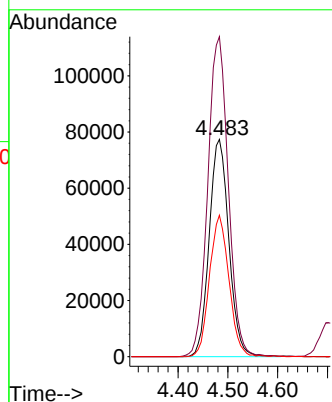
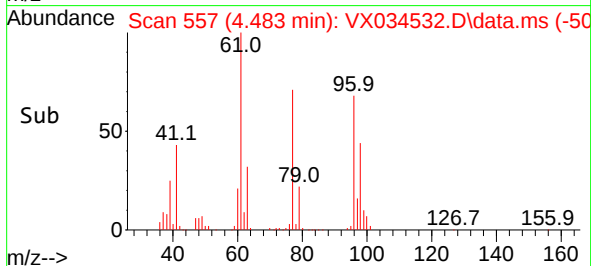
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



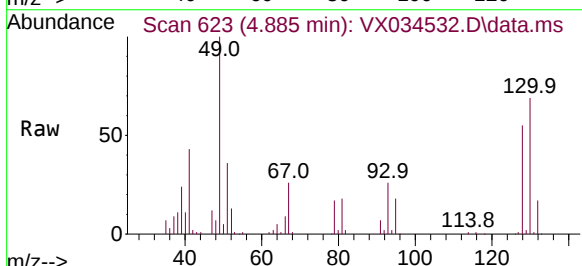
Tgt Ion: 96 Resp: 21199
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 300.4
 98 64.4 0.0 129.0

Manual Integrations
 APPROVED

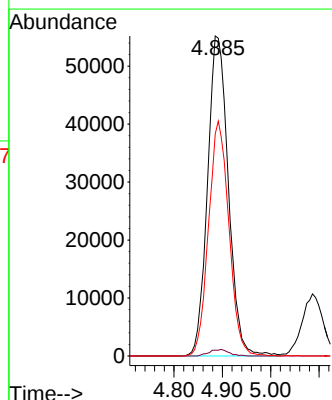
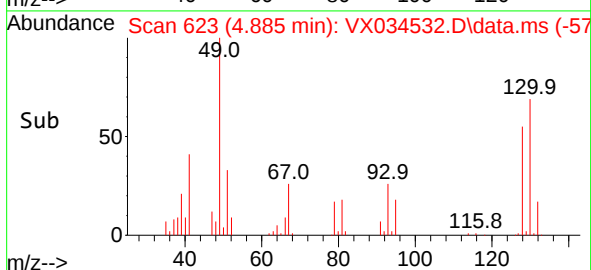
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

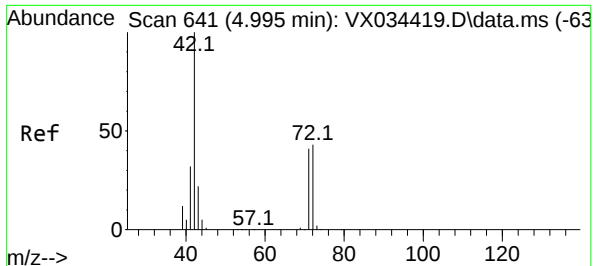


#28
 Bromochloromethane
 Concen: 51.494 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.006 min
 Lab File: VX034532.D
 Acq: 16 Mar 2023 09:47



Tgt Ion: 49 Resp: 165115
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 71.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 237.228 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 435150

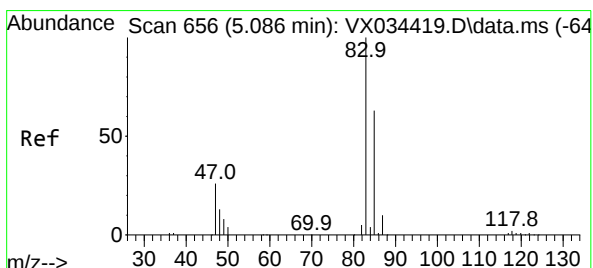
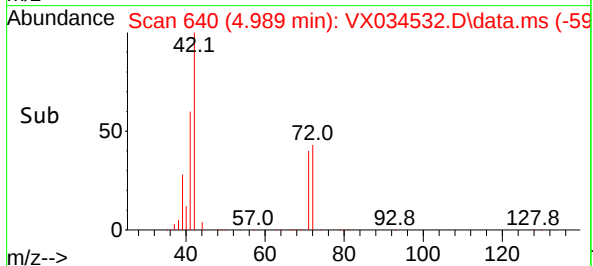
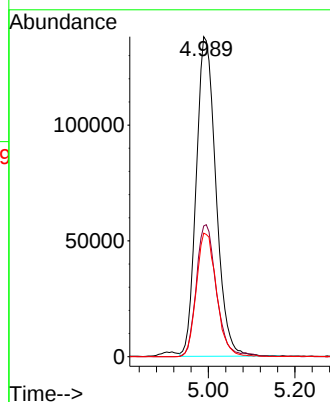
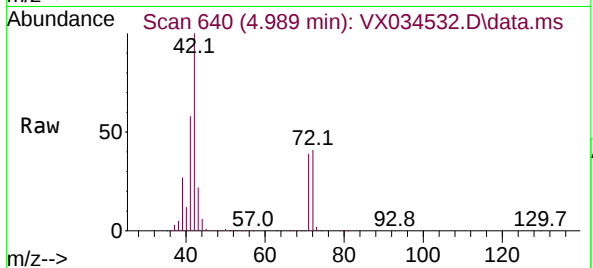
Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.5	51.7
71	39.7	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#30

Chloroform

Concen: 53.341 ug/l

RT: 5.087 min Scan# 656

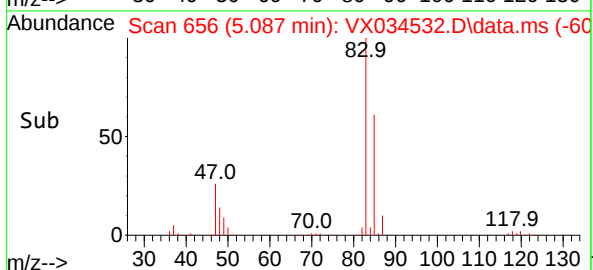
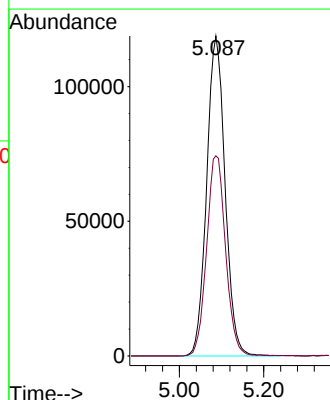
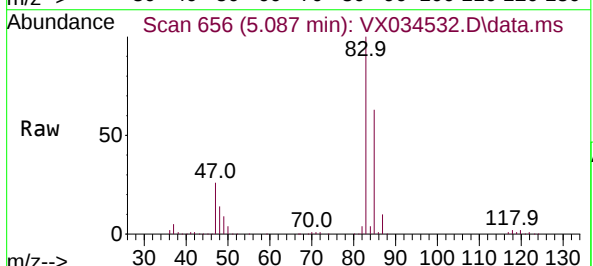
Delta R.T. 0.000 min

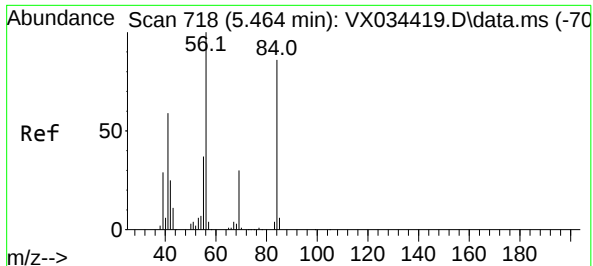
Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Tgt Ion: 83 Resp: 360578

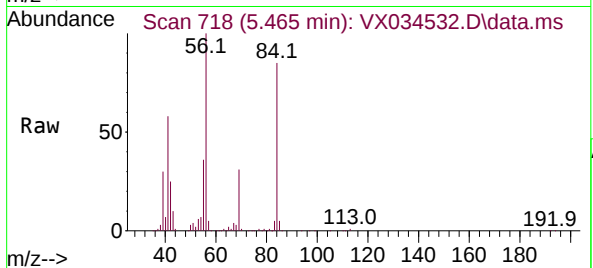
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	76.0





#31
Cyclohexane
Concen: 49.882 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

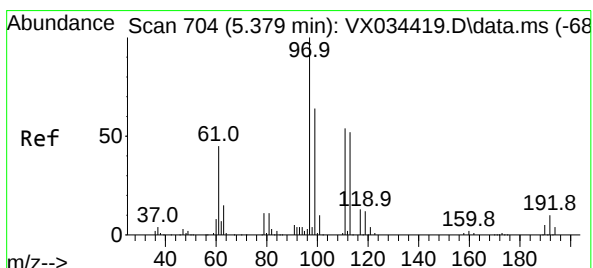
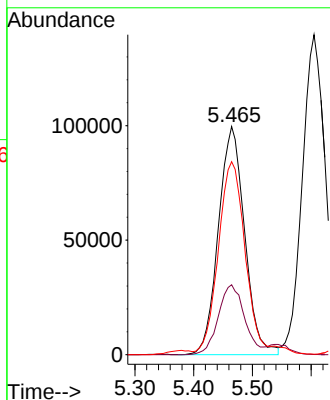
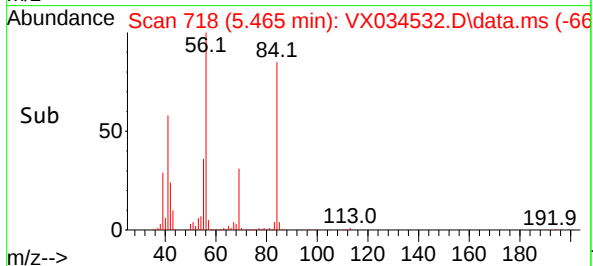
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 308544
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 82.9 68.5 102.7

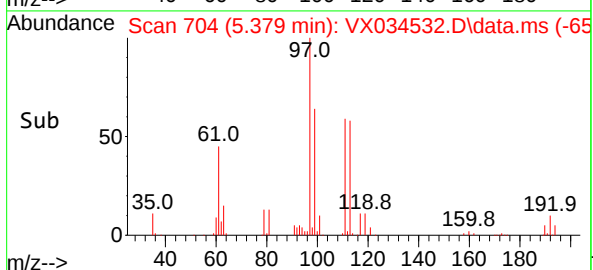
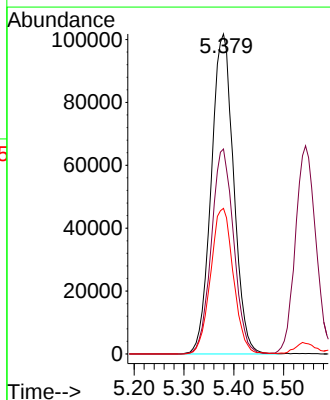
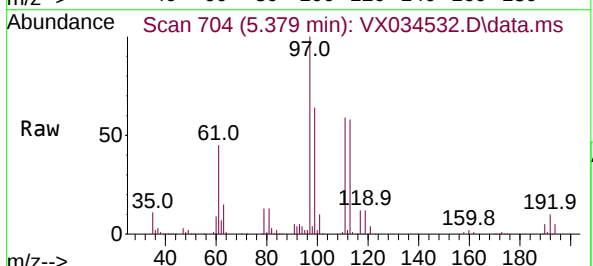
Manual Integrations
APPROVED

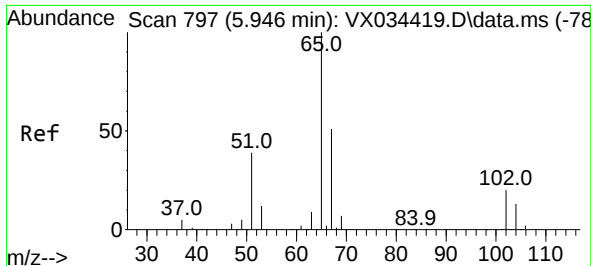
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#32
1,1,1-Trichloroethane
Concen: 53.001 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Tgt Ion: 97 Resp: 317173
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 46.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.500 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 231549

Ion Ratio Lower Upper

65 100

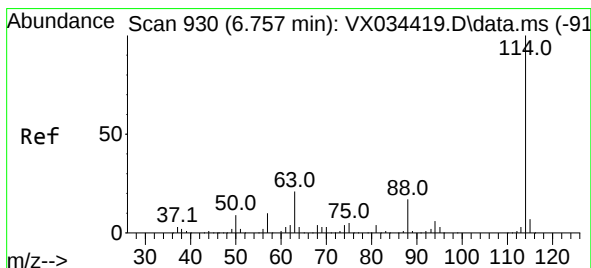
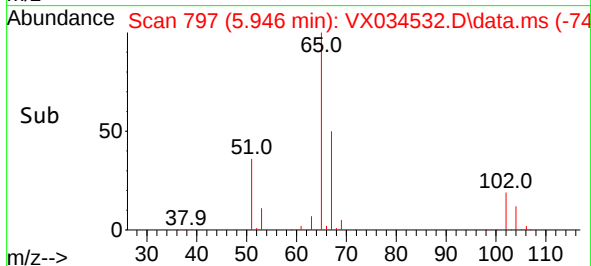
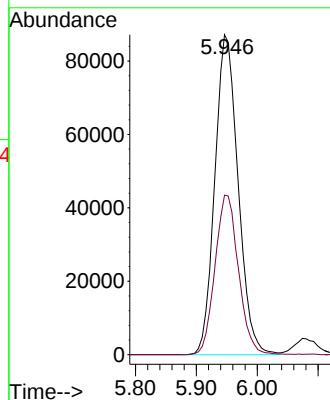
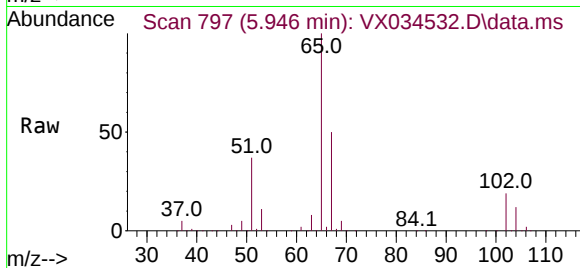
67 50.2 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

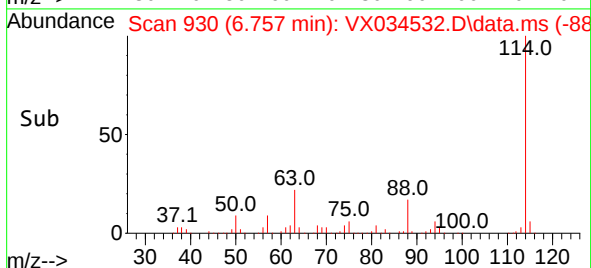
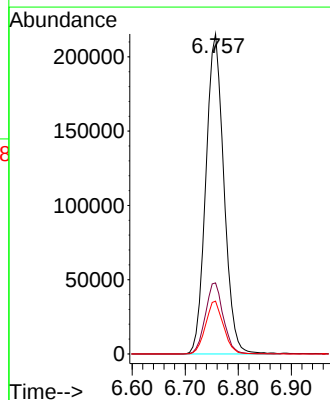
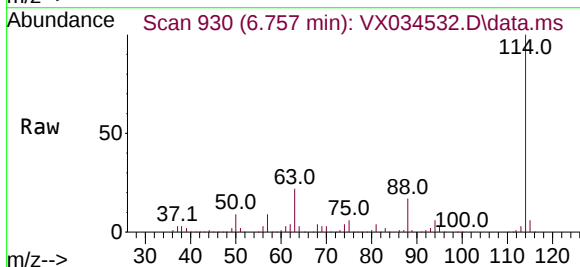
Tgt Ion:114 Resp: 509233

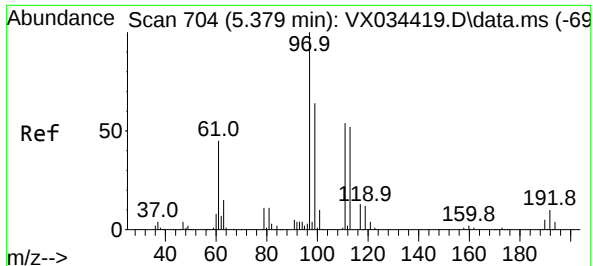
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.667 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX034532.D

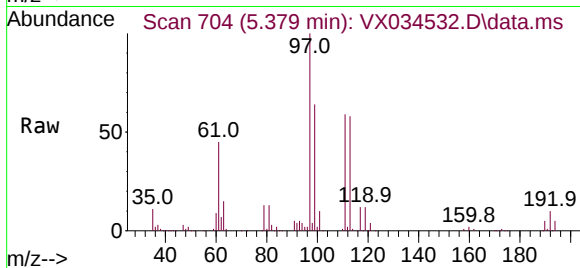
Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



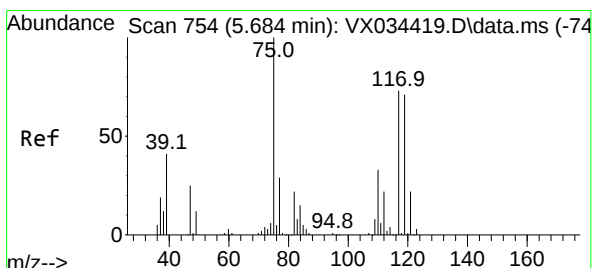
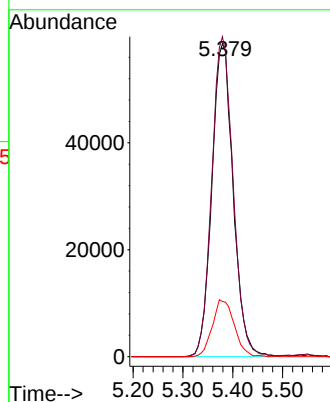
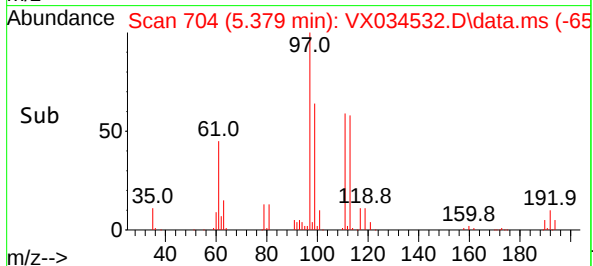
Tgt Ion:	113	Resp:	173714
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.7	125.5
192	18.6	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#36

1,1-Dichloropropene

Concen: 51.961 ug/l

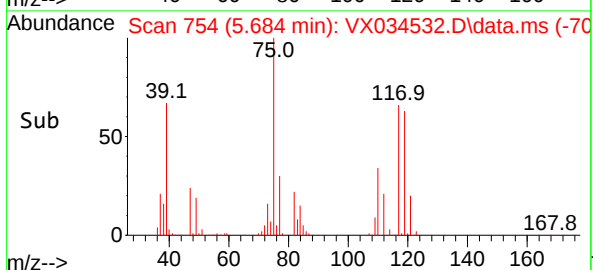
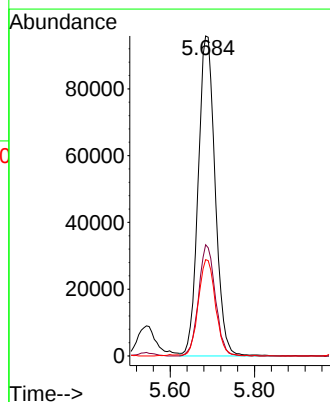
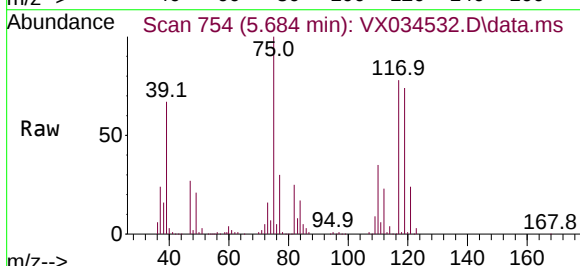
RT: 5.684 min Scan# 754

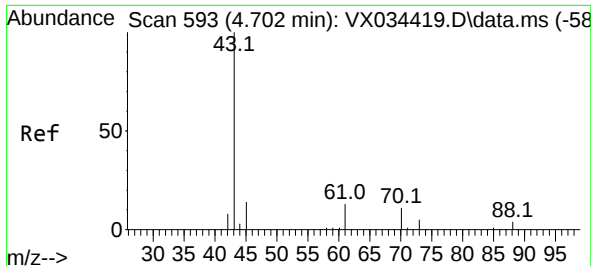
Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Tgt Ion:	75	Resp:	268330
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.5	52.5
77	30.2	24.3	36.5





#37

Ethyl Acetate

Concen: 48.482 ug/l

RT: 4.702 min Scan# 593

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 273518

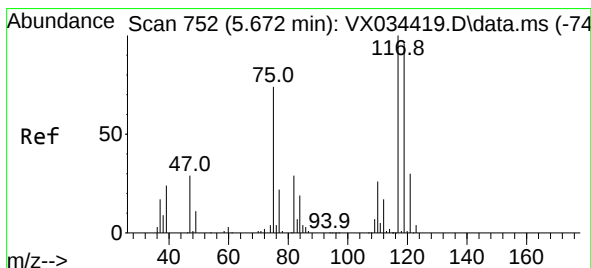
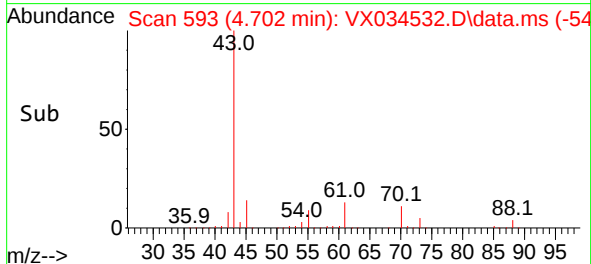
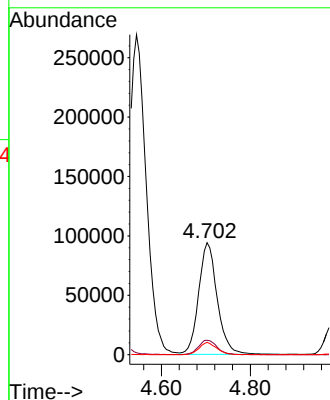
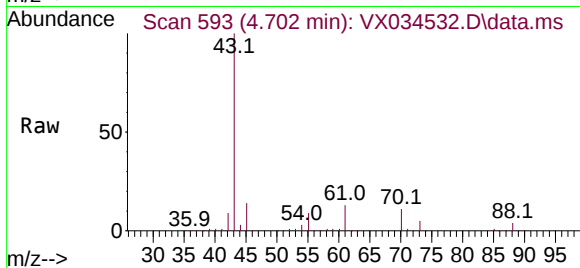
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.4
70	10.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#38

Carbon Tetrachloride

Concen: 53.396 ug/l

RT: 5.672 min Scan# 752

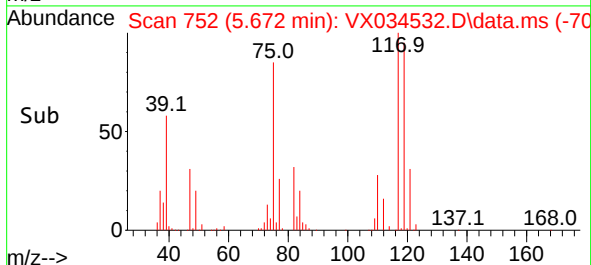
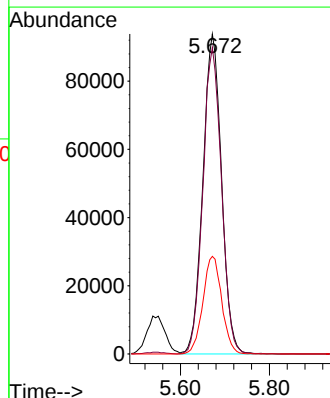
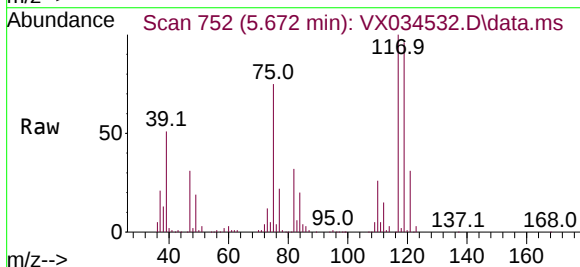
Delta R.T. 0.000 min

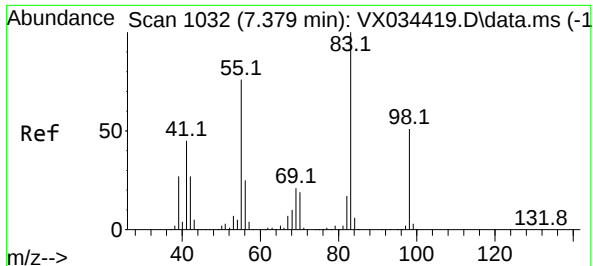
Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Tgt Ion:117 Resp: 274313

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
121	30.5	23.8	35.6





#39

Methylcyclohexane

Concen: 54.769 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

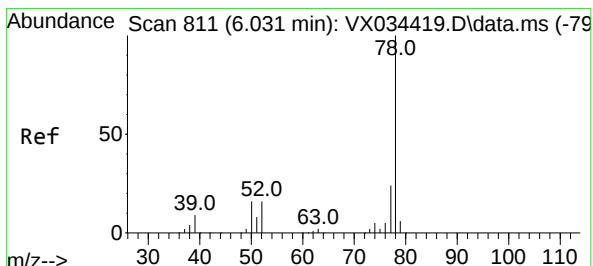
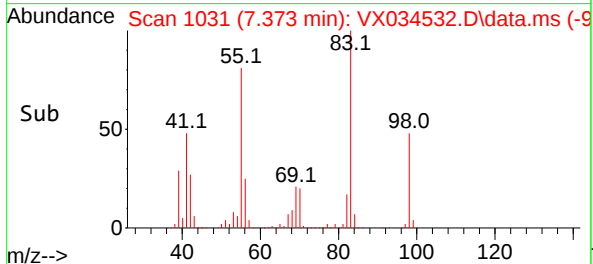
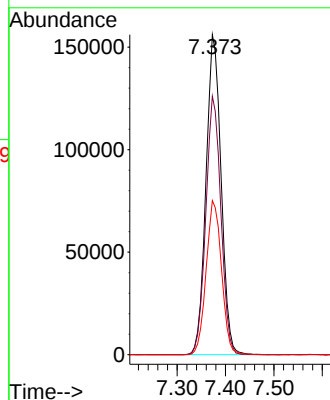
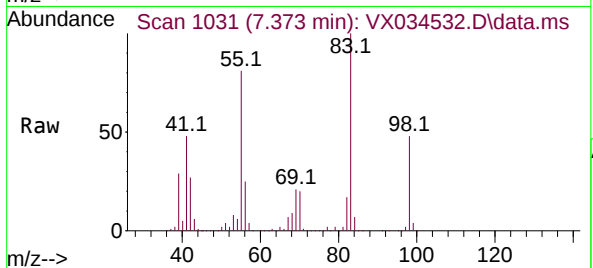
Tgt Ion: 83 Resp: 338475
 Ion Ratio Lower Upper
 83 100
 55 80.8 60.5 90.7
 98 48.2 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#40

Benzene

Concen: 50.183 ug/l

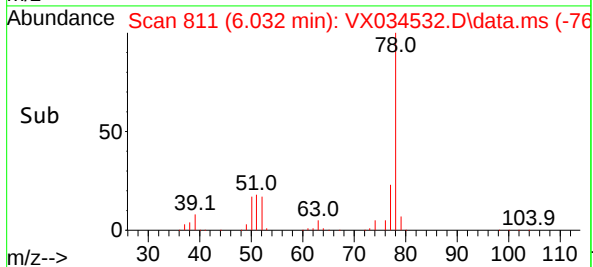
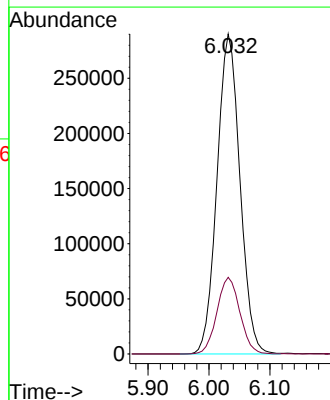
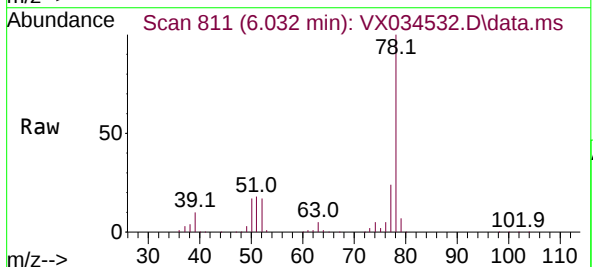
RT: 6.032 min Scan# 811

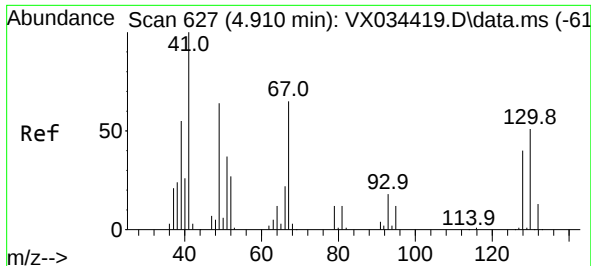
Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Tgt Ion: 78 Resp: 758111
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 51.084 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

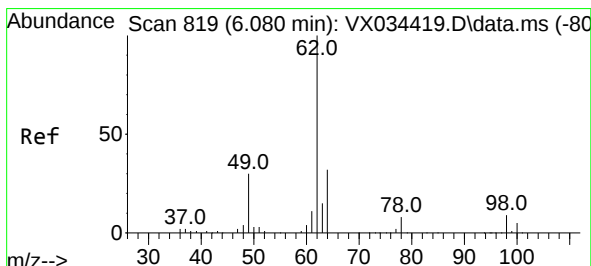
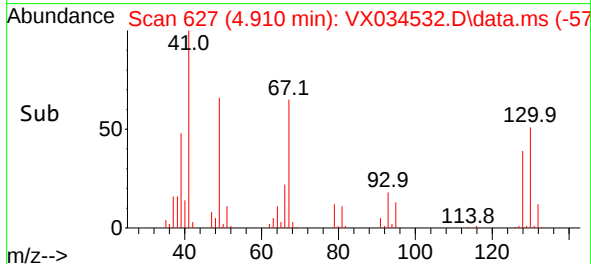
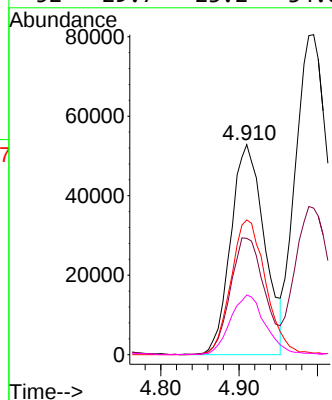
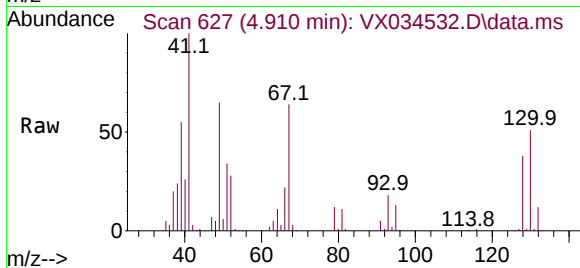
Tgt Ion: 41 Resp: 15794
Ion Ratio Lower Upper
41 100
39 56.6 45.0 67.6
67 66.7 55.6 83.4
52 29.7 23.2 34.8

Manual Integrations

APPROVED

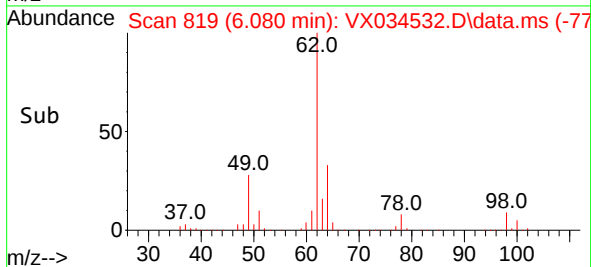
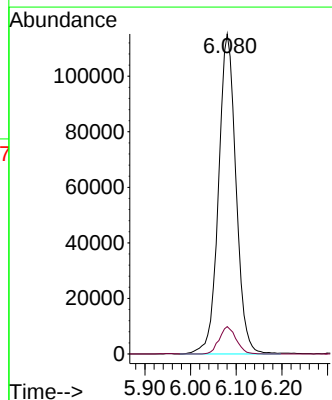
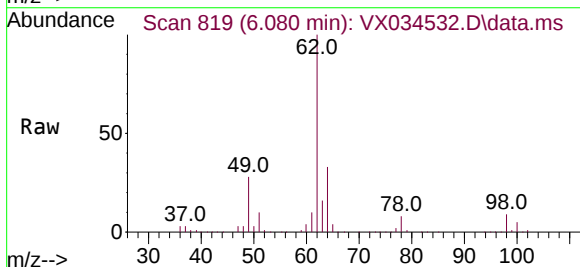
Reviewed By :John Carlone 03/17/2023

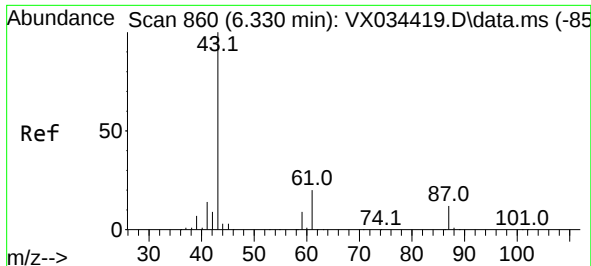
Supervised By :Mahesh Dadoda 03/17/2023



#42
1,2-Dichloroethane
Concen: 55.201 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Tgt Ion: 62 Resp: 306483
Ion Ratio Lower Upper
62 100
98 8.2 0.0 18.0





#43

Isopropyl Acetate

Concen: 50.460 ug/l

RT: 6.330 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 482264

Ion Ratio Lower Upper

43 100

61 18.8 15.2 22.8

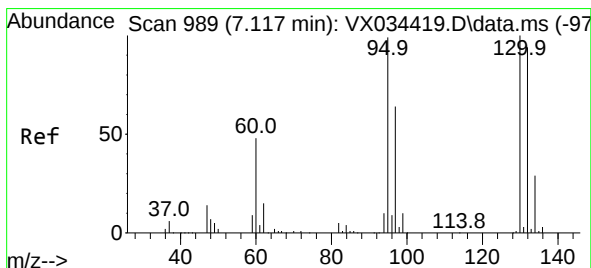
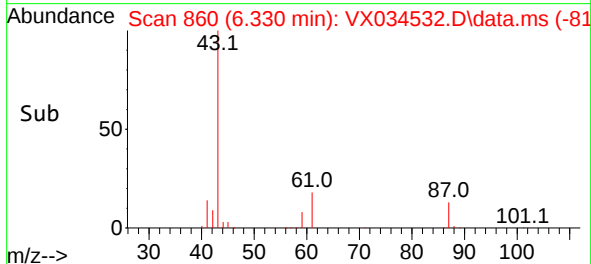
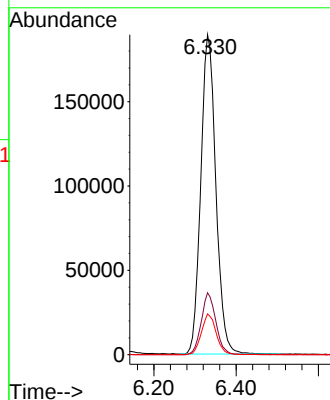
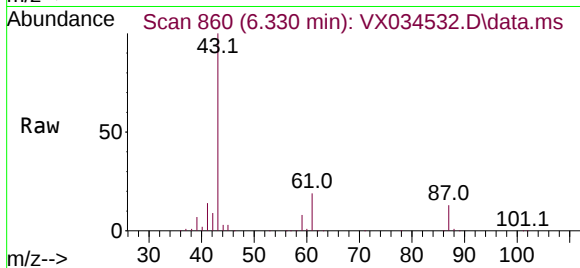
87 12.5 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#44

Trichloroethene

Concen: 50.159 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034532.D

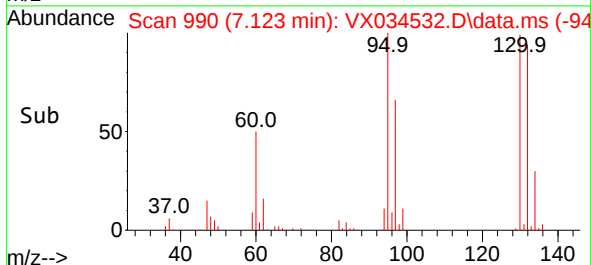
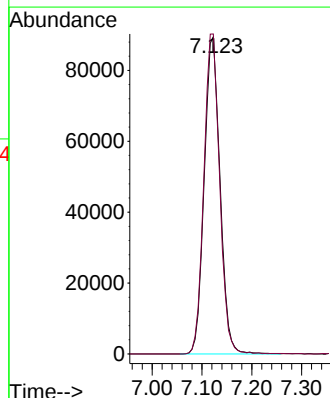
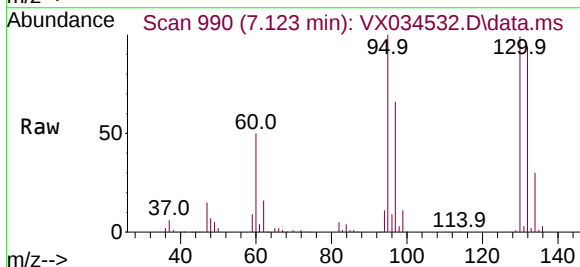
Acq: 16 Mar 2023 09:47

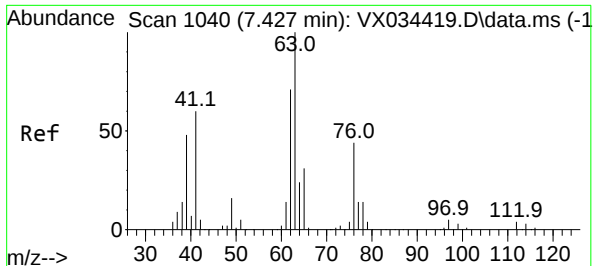
Tgt Ion:130 Resp: 196884

Ion Ratio Lower Upper

130 100

95 100.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 54.082 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 213328

Ion Ratio Lower Upper

63 100

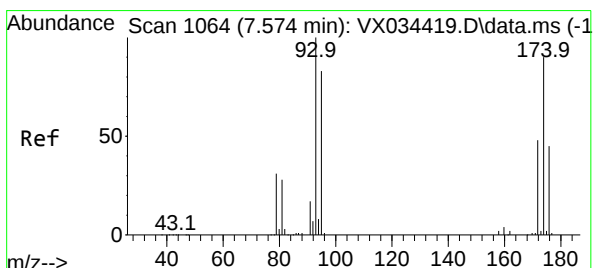
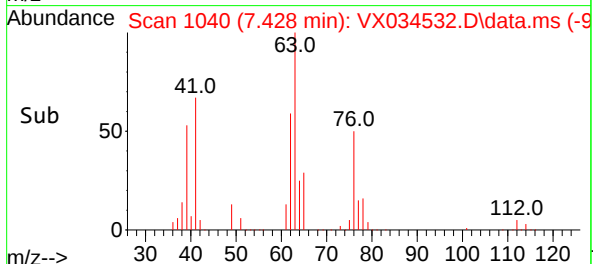
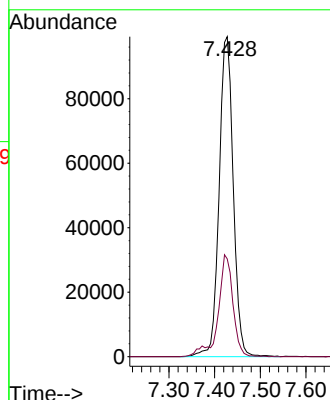
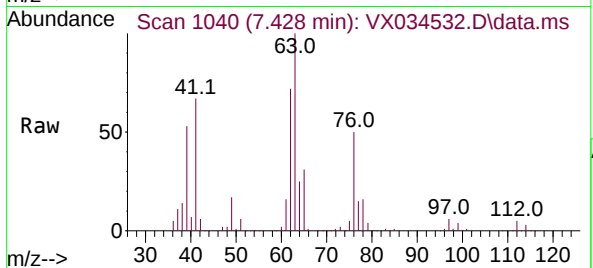
65 30.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#46

Dibromomethane

Concen: 55.390 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

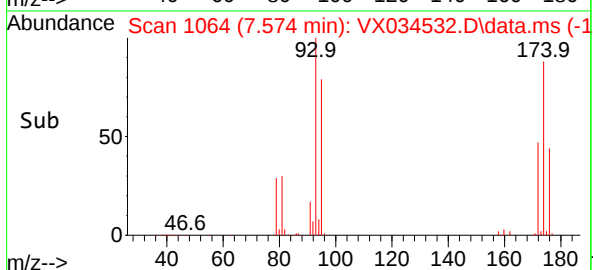
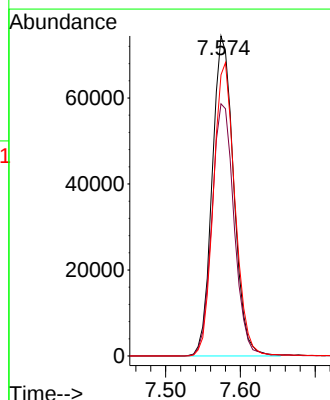
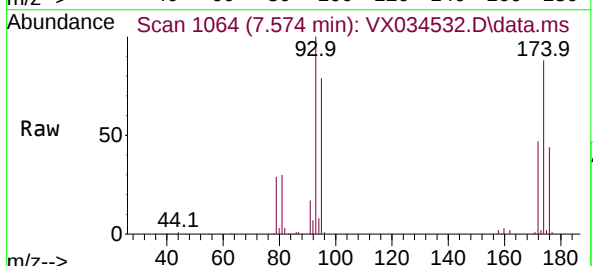
Tgt Ion: 93 Resp: 148539

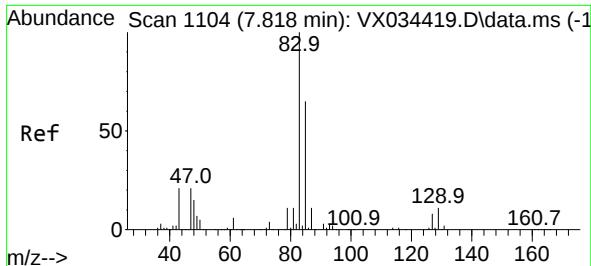
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

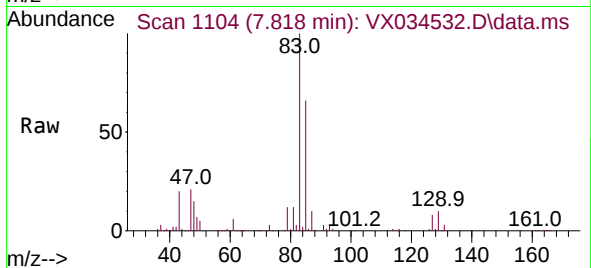
174 92.0 75.4 113.0





#47
Bromodichloromethane
Concen: 58.676 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

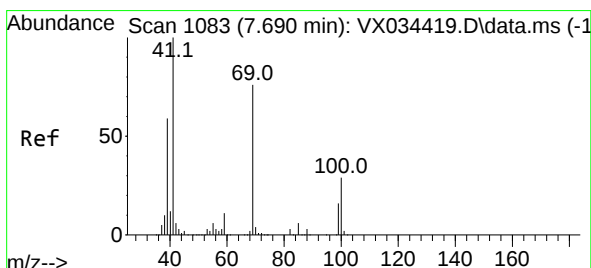
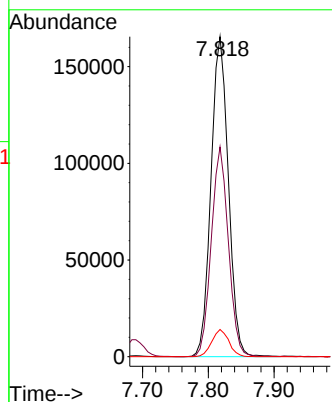
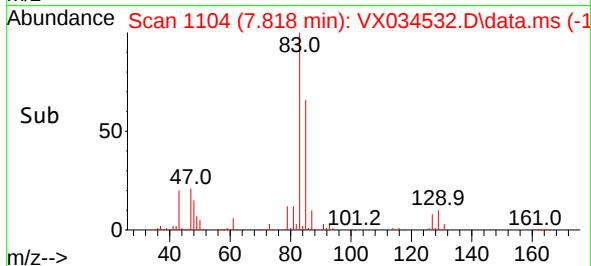
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 304530
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.4
127 8.5 6.6 9.8

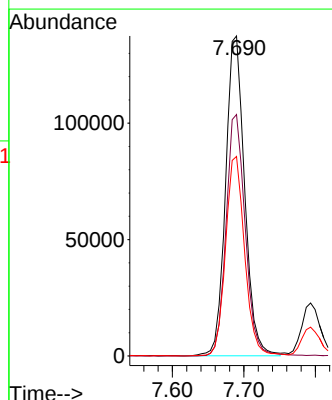
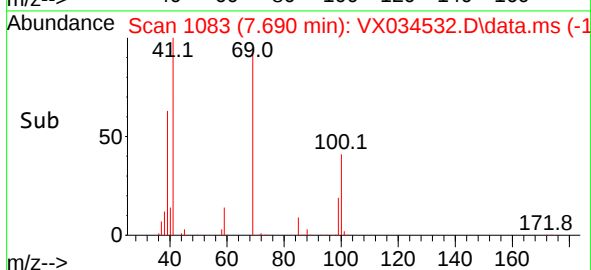
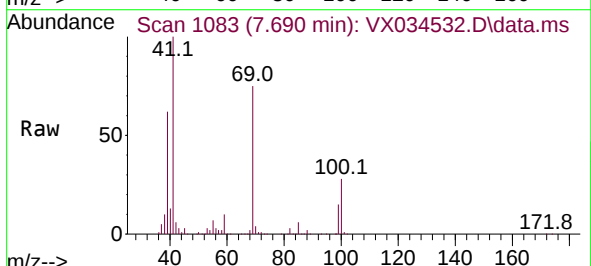
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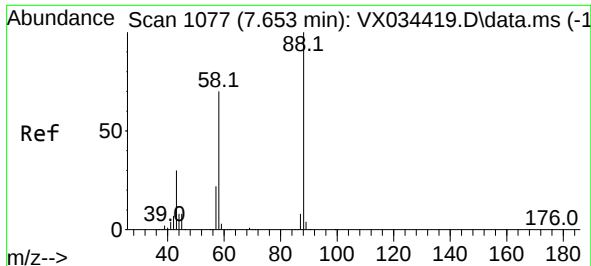
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#48
Methyl methacrylate
Concen: 55.308 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Tgt Ion: 41 Resp: 254227
Ion Ratio Lower Upper
41 100
69 76.0 62.2 93.4
39 62.8 47.7 71.5





#49

1,4-Dioxane

Concen: 995.075 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

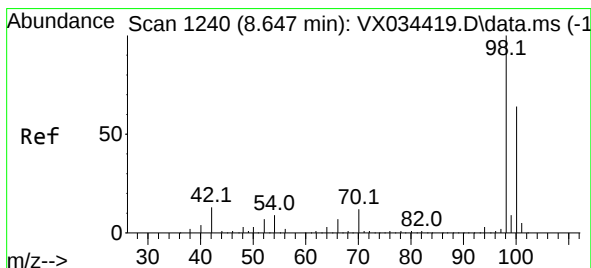
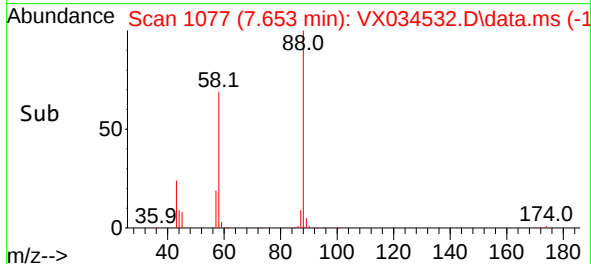
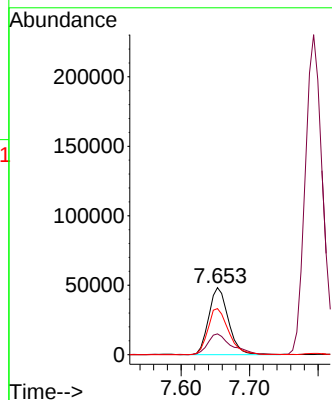
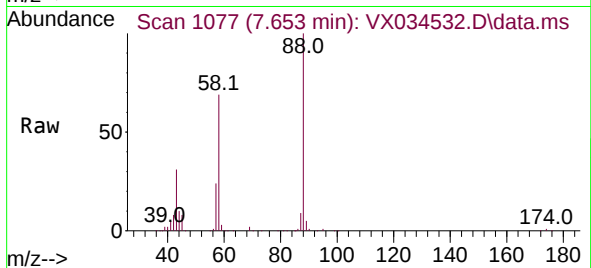
Tgt Ion: 88 Resp: 96070
 Ion Ratio Lower Upper
 88 100
 43 37.0 27.7 41.5
 58 72.8 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#50

Toluene-d8

Concen: 54.815 ug/l

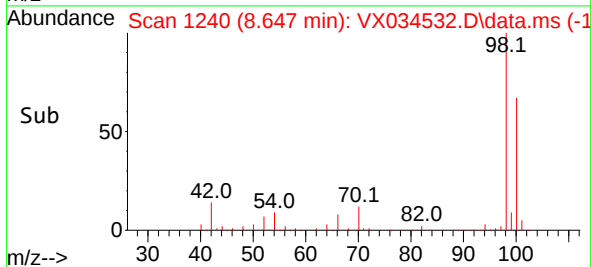
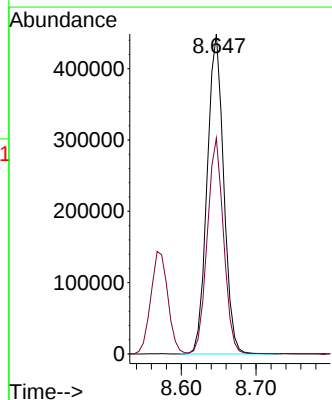
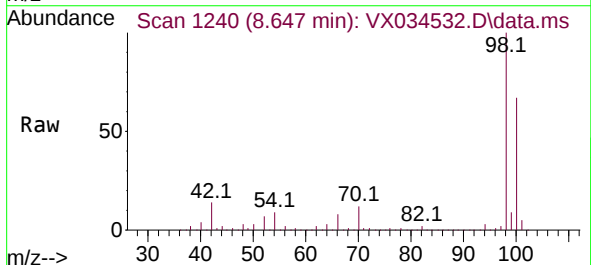
RT: 8.647 min Scan# 1240

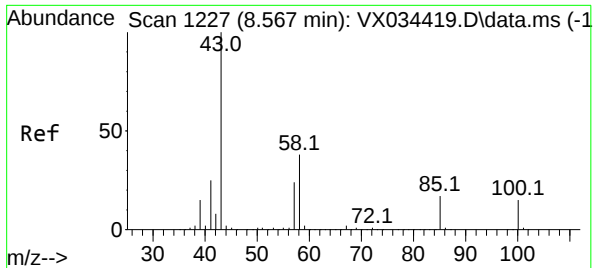
Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Tgt Ion: 98 Resp: 687998
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.5 78.7





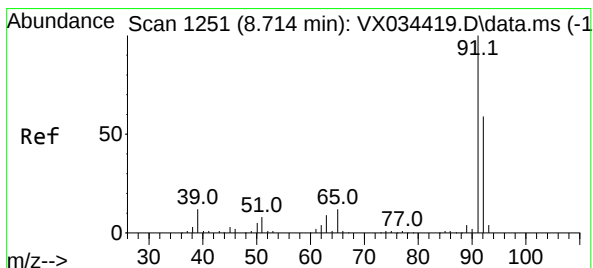
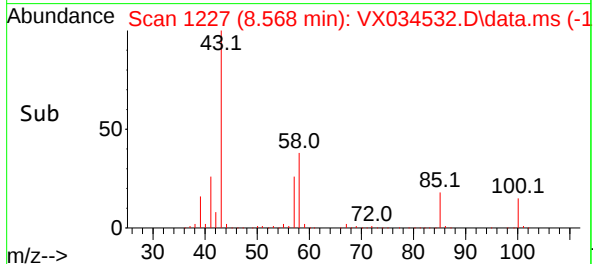
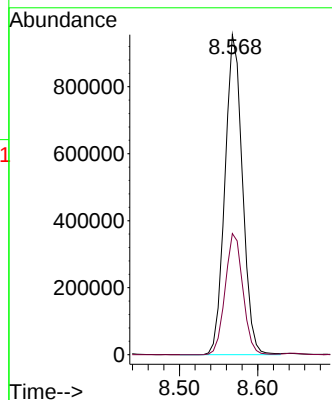
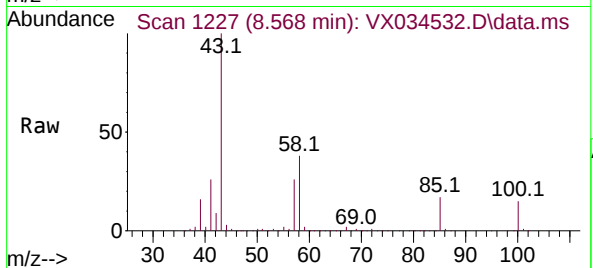
#51
4-Methyl-2-Pentanone
Concen: 268.602 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 148921
Ion Ratio Lower Upper
43 100
58 38.2 30.6 46.0

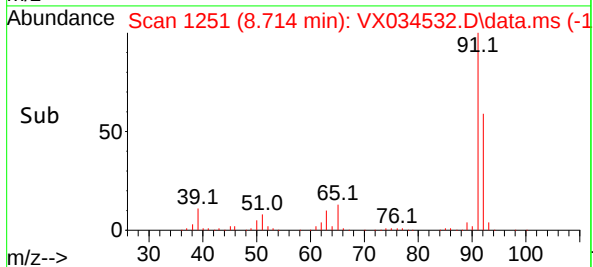
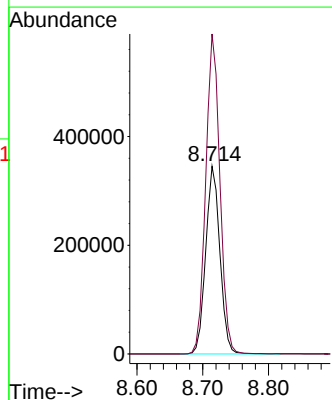
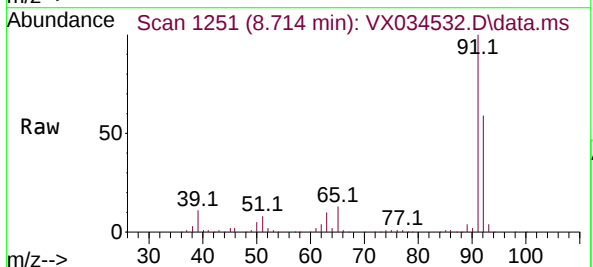
Manual Integrations
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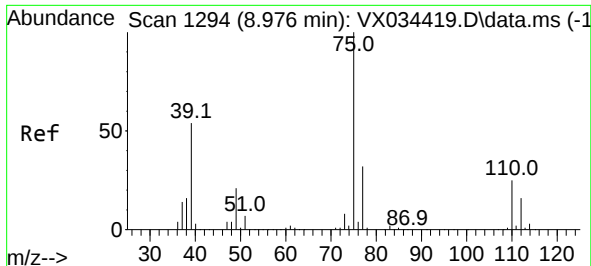
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#52
Toluene
Concen: 55.462 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Tgt Ion: 92 Resp: 518725
Ion Ratio Lower Upper
92 100
91 170.0 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 59.013 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 345054

Ion Ratio Lower Upper

75 100

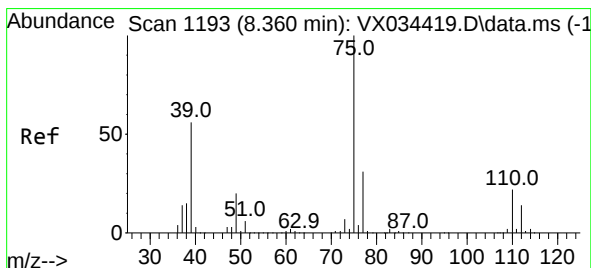
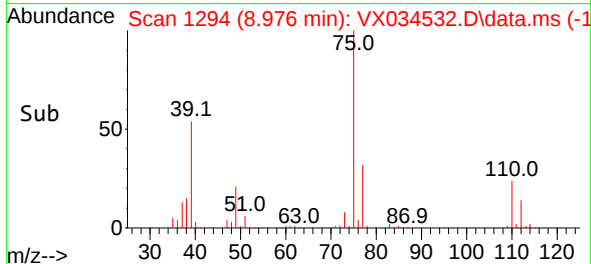
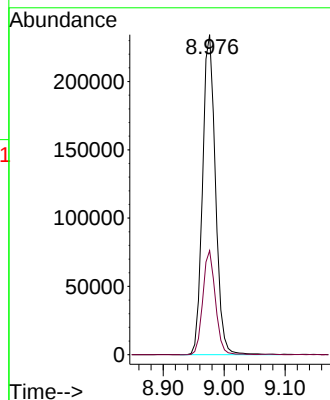
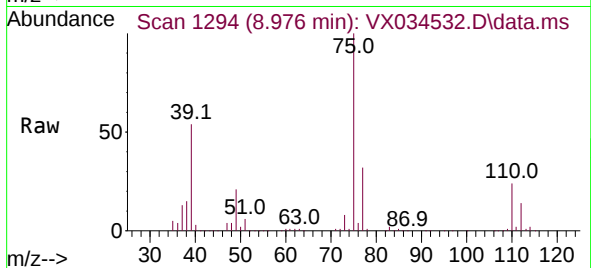
77 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#54

cis-1,3-Dichloropropene

Concen: 56.361 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

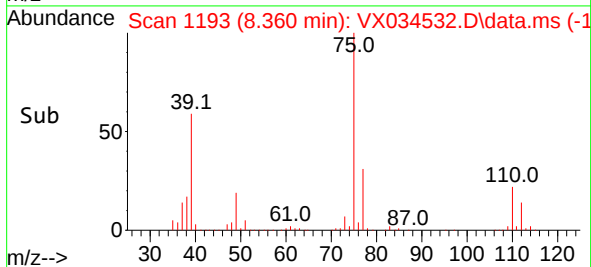
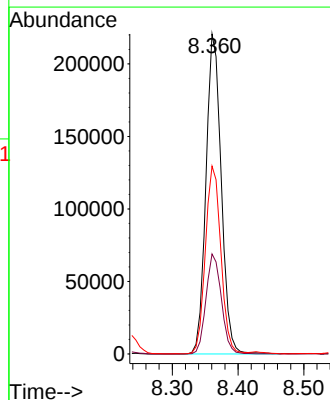
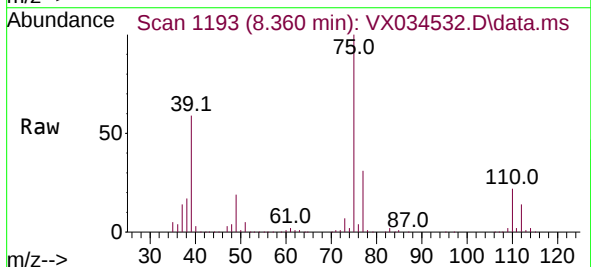
Tgt Ion: 75 Resp: 356540

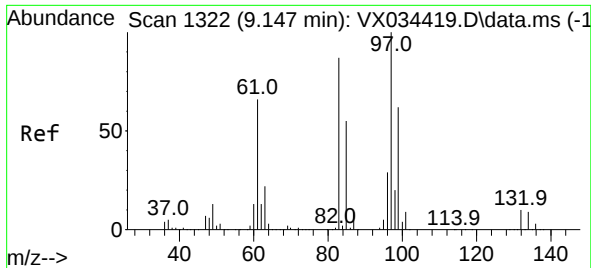
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

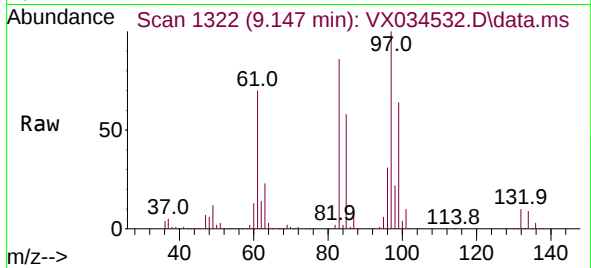
39 58.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 56.037 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

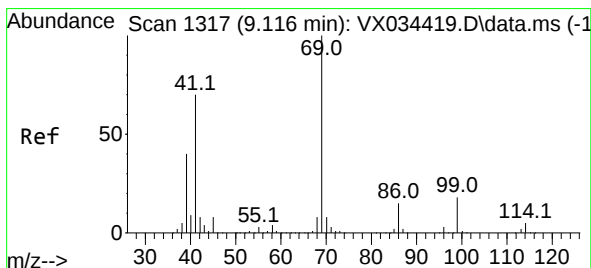
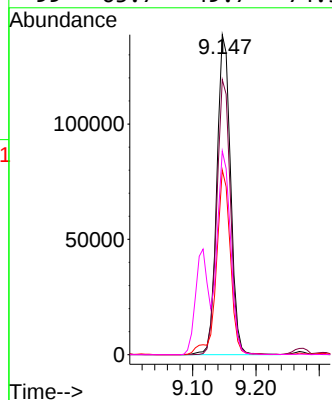
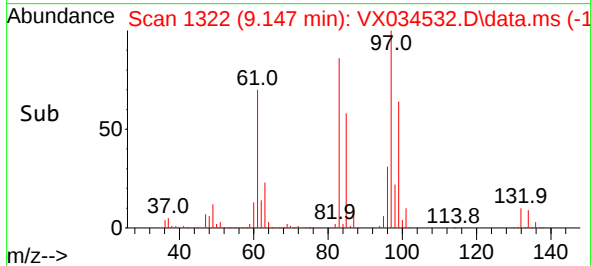


Tgt Ion: 97 Resp: 208000

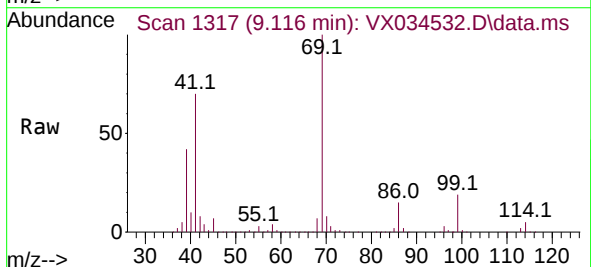
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.7	104.5
85	57.7	43.7	65.5
99	63.7	49.7	74.5

Manual Integrations
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Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

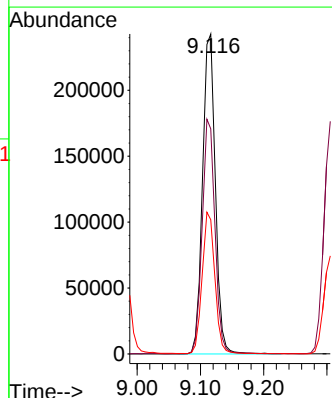
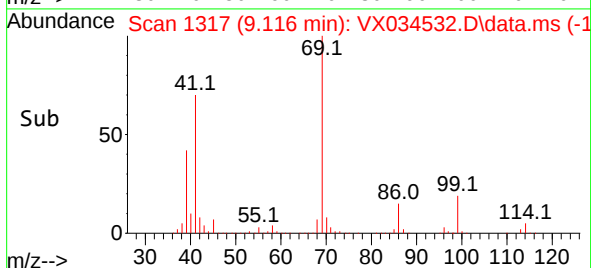


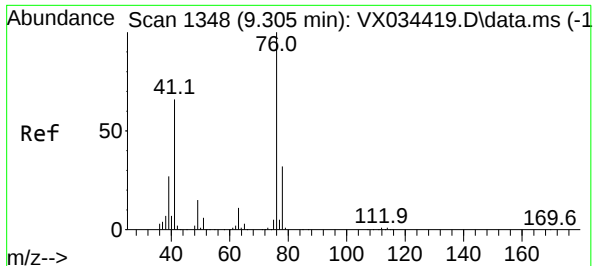
#56
Ethyl methacrylate
Concen: 56.142 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



Tgt Ion: 69 Resp: 342152

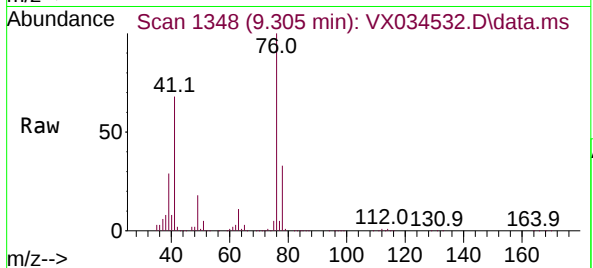
Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.4	86.0
39	44.0	33.7	50.5





#57
1,3-Dichloropropane
Concen: 54.058 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

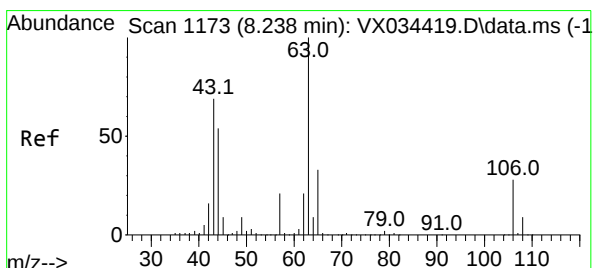
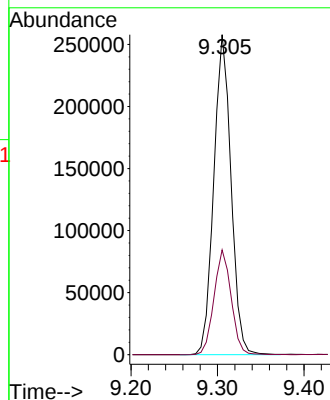
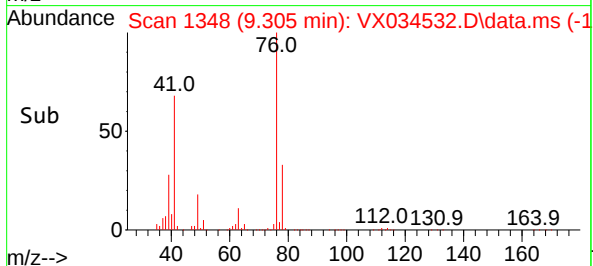
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



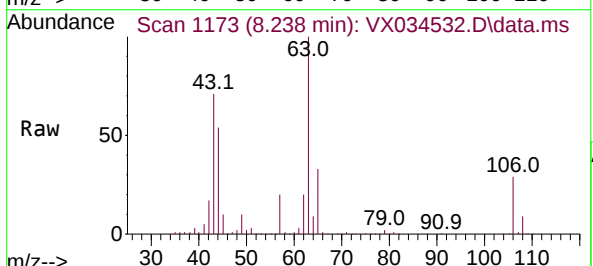
Tgt Ion: 76 Resp: 356610
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

Manual Integrations
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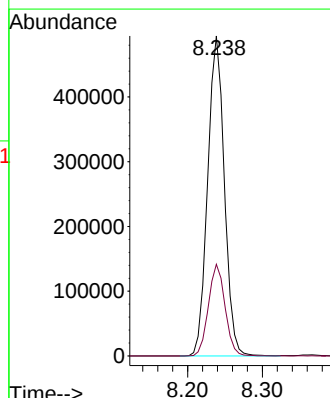
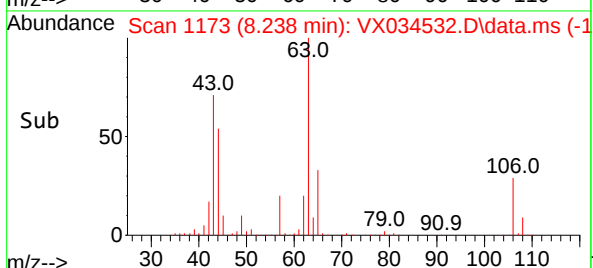
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

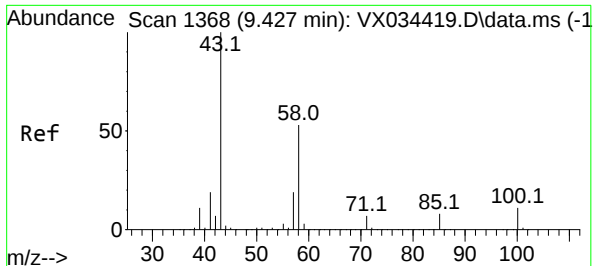


#58
2-Chloroethyl Vinyl ether
Concen: 244.056 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



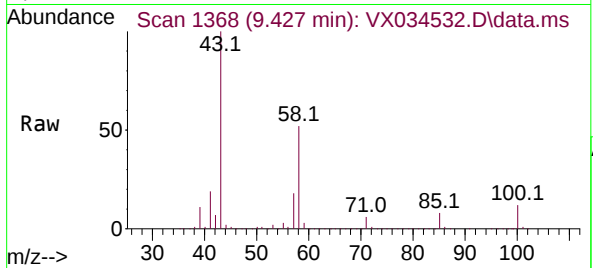
Tgt Ion: 63 Resp: 766530
Ion Ratio Lower Upper
63 100
106 28.5 22.2 33.2





#59
2-Hexanone
Concen: 257.694 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

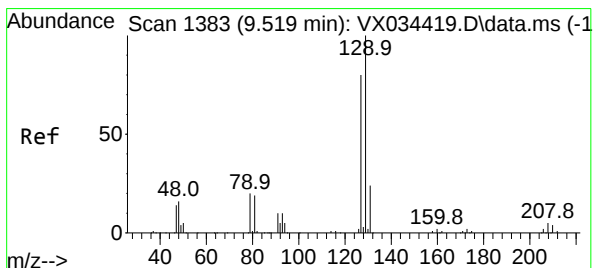
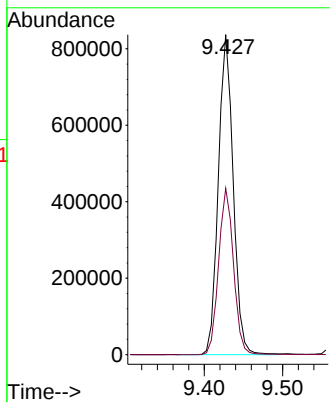
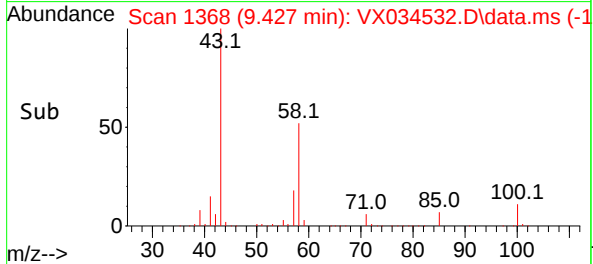
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 110443
Ion Ratio Lower Upper
43 100
58 52.3 26.3 78.9

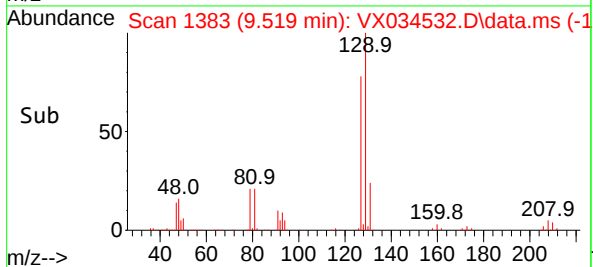
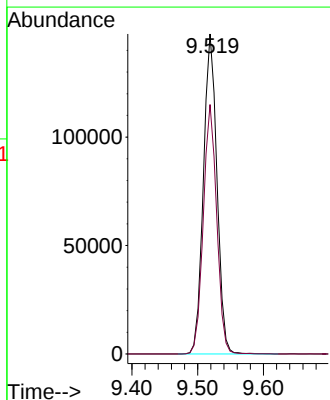
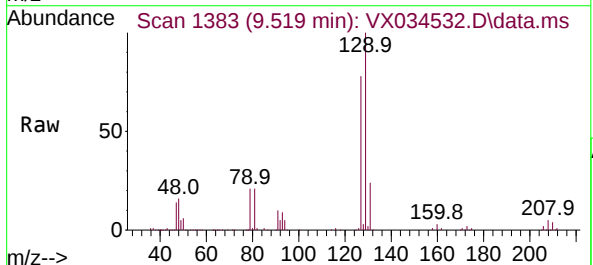
Manual Integrations
APPROVED

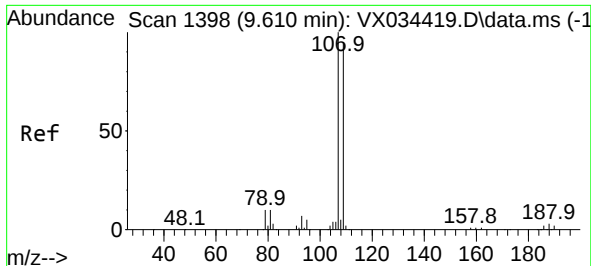
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#60
Dibromochloromethane
Concen: 54.242 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

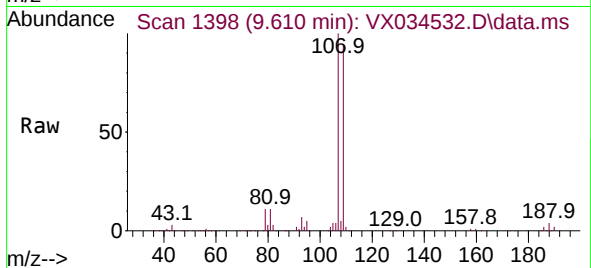
Tgt Ion:129 Resp: 211162
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





#61
1,2-Dibromoethane
Concen: 51.552 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

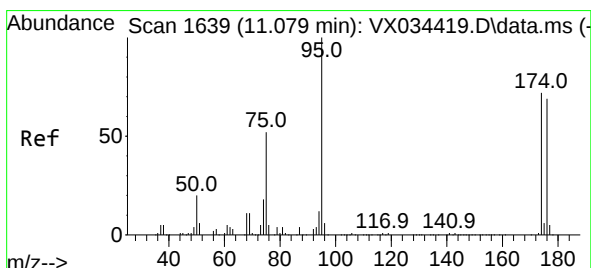
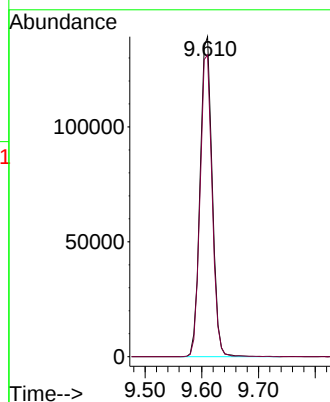
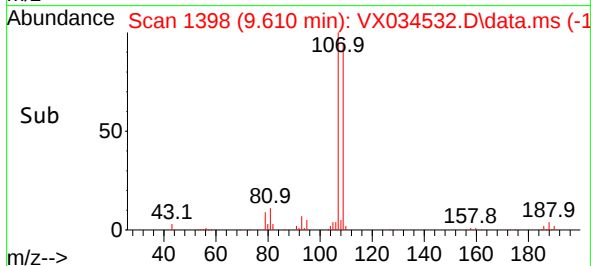
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



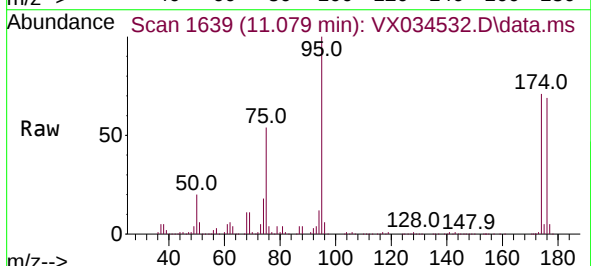
Tgt Ion:107 Resp: 206485
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

Manual Integrations
APPROVED

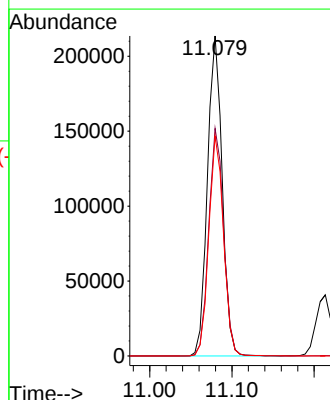
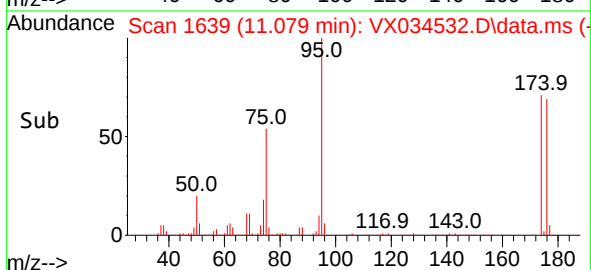
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

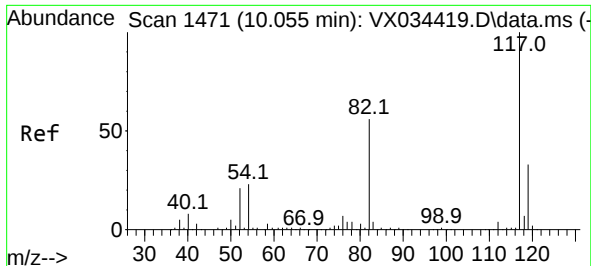


#62
4-Bromofluorobenzene
Concen: 52.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



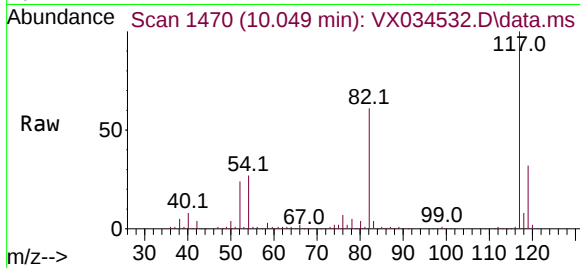
Tgt Ion: 95 Resp: 265855
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 68.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

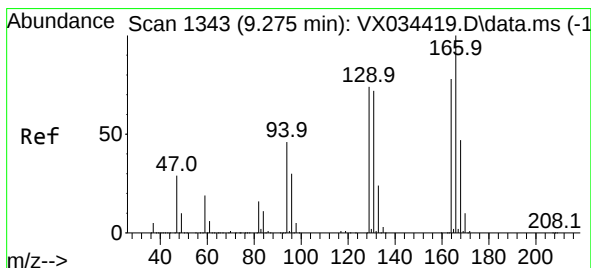
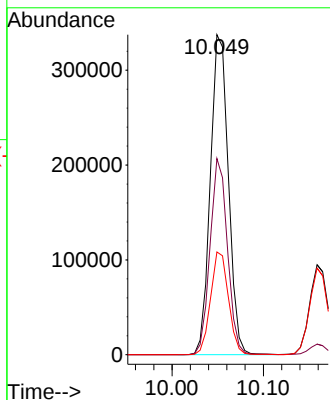
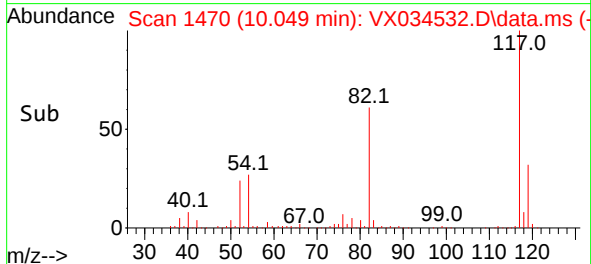
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 461644
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.4
119 32.1 26.0 39.0

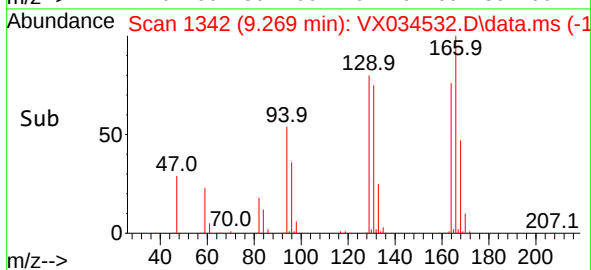
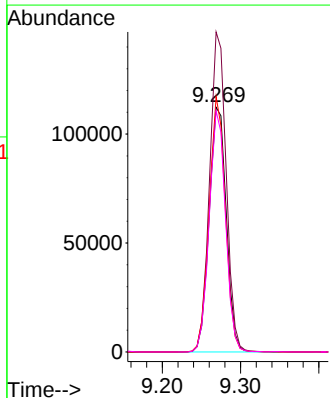
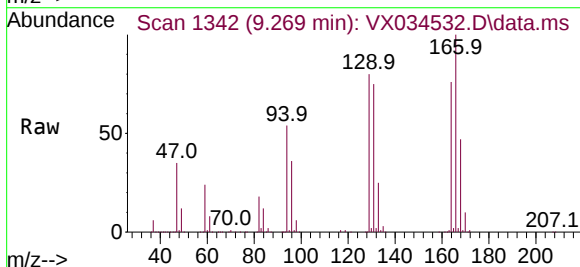
Manual Integrations
APPROVED

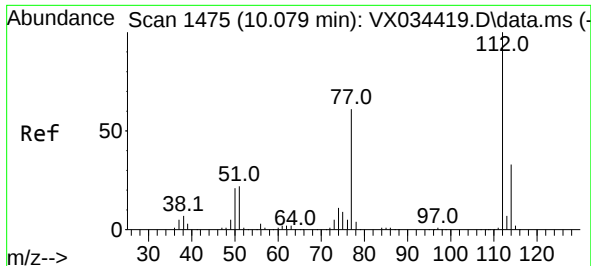
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#64
Tetrachloroethene
Concen: 54.914 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Tgt Ion:164 Resp: 170289
Ion Ratio Lower Upper
164 100
166 130.8 102.7 154.1
129 104.3 75.6 113.4
131 98.6 73.7 110.5





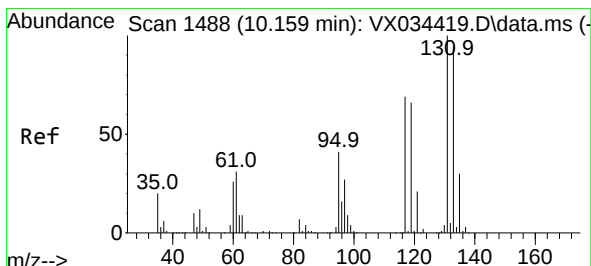
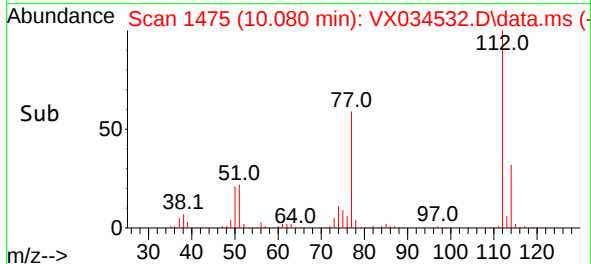
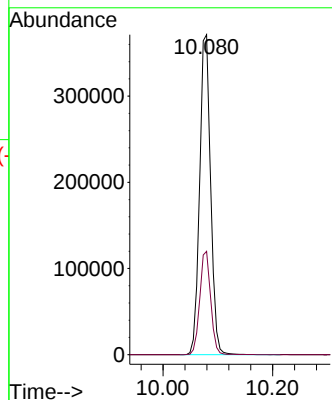
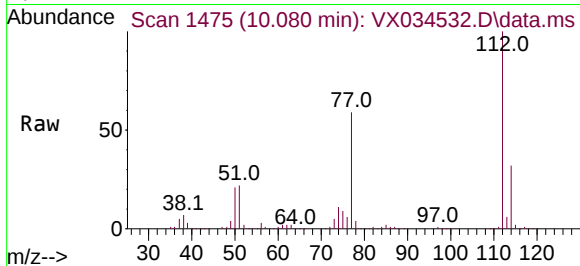
#65
Chlorobenzene
Concen: 51.104 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 517624
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

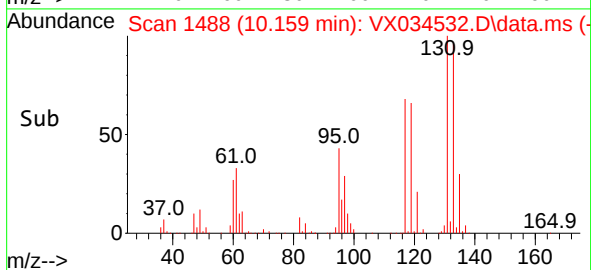
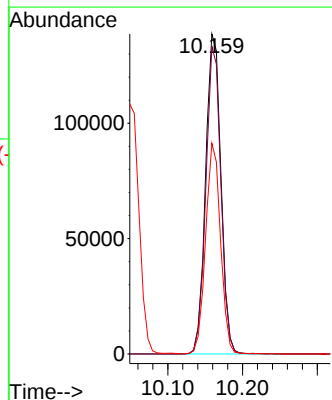
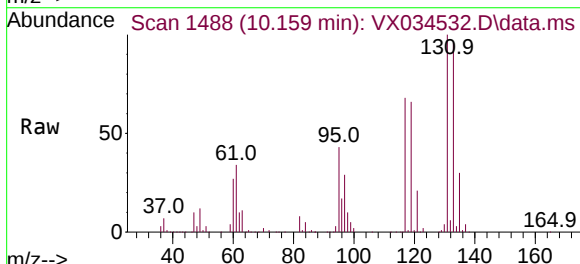
Manual Integrations
APPROVED

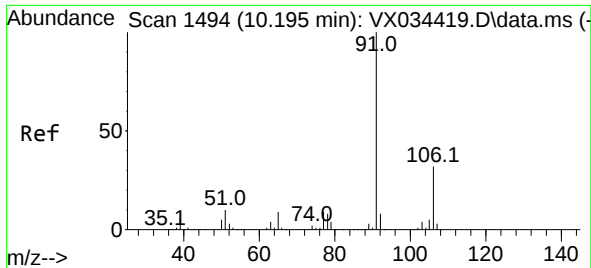
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.360 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

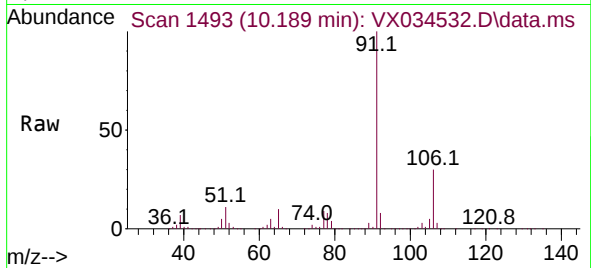
Tgt Ion:131 Resp: 196845
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.4
119 64.3 32.6 98.0





#67
Ethyl Benzene
Concen: 52.668 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

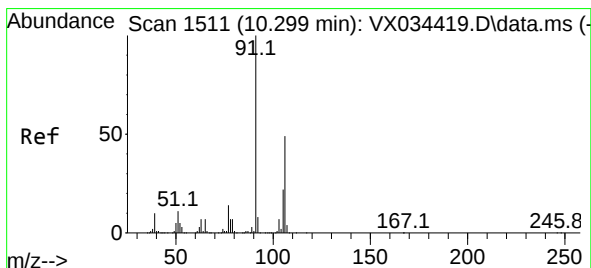
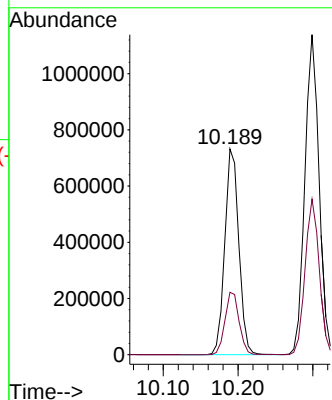
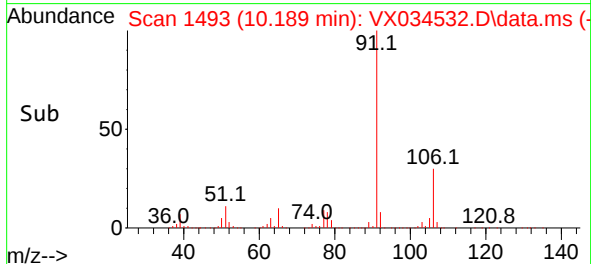
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 955030
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

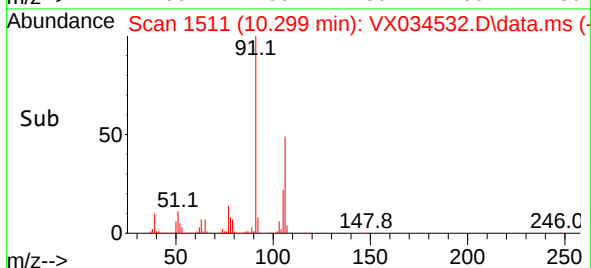
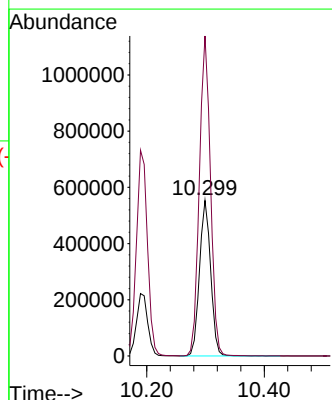
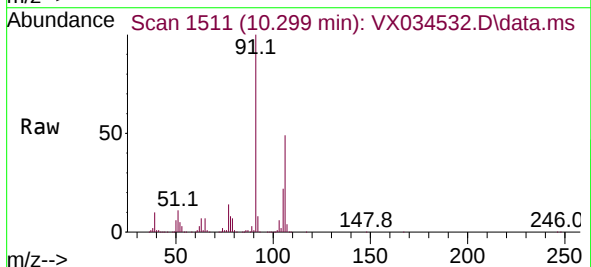
Manual Integrations
APPROVED

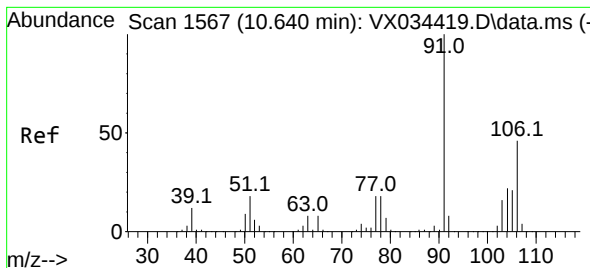
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#68
m/p-Xylenes
Concen: 104.825 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Tgt Ion:106 Resp: 730175
Ion Ratio Lower Upper
106 100
91 205.7 164.0 246.0





#69

o-Xylene

Concen: 51.346 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 358920

Ion Ratio Lower Upper

106 100

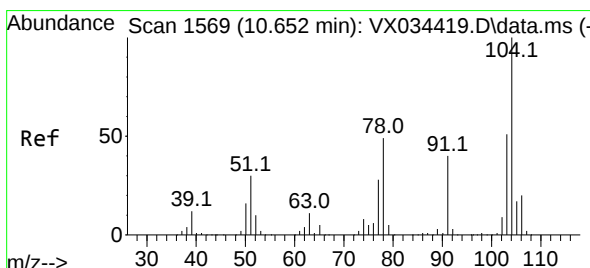
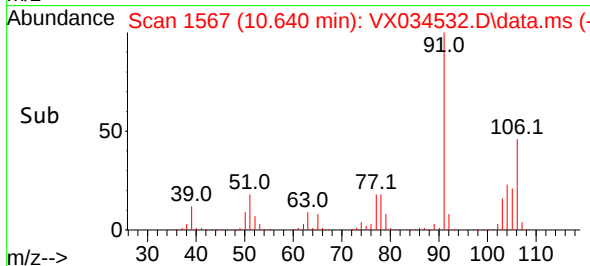
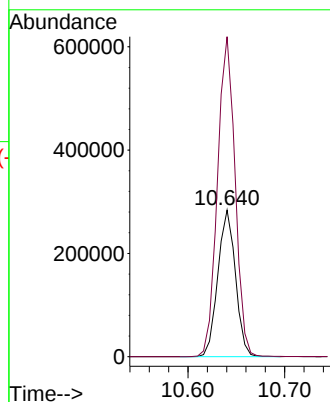
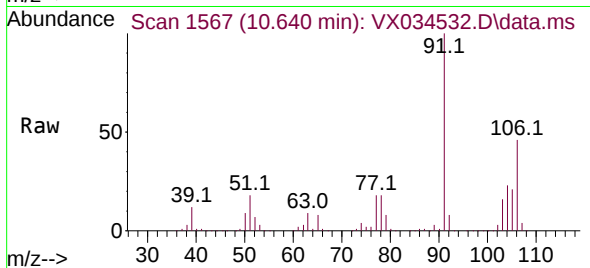
91 218.2 108.5 325.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#70

Styrene

Concen: 53.459 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

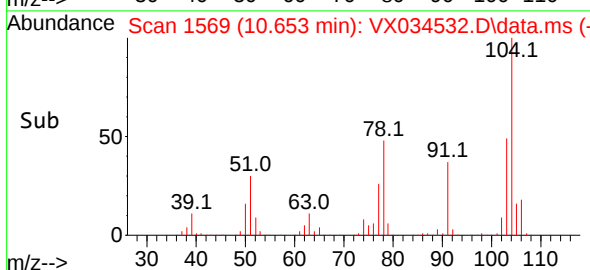
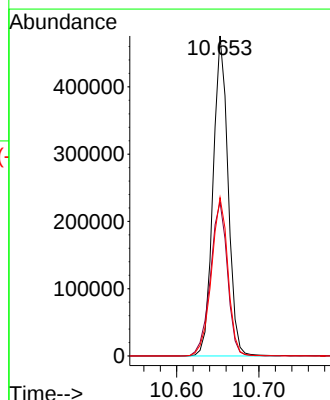
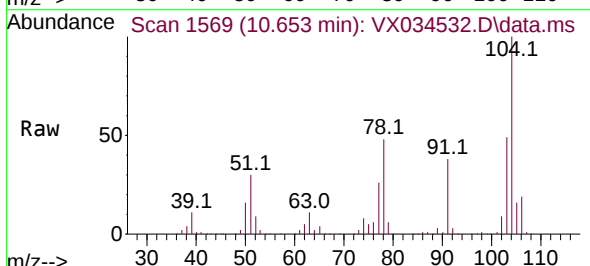
Tgt Ion:104 Resp: 602915

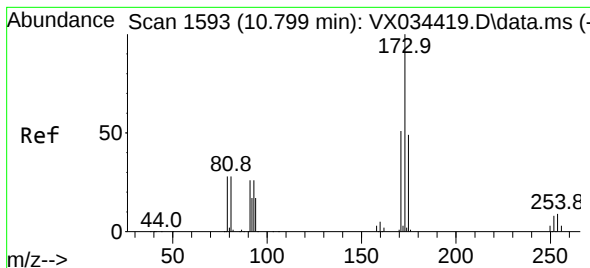
Ion Ratio Lower Upper

104 100

78 54.5 43.4 65.2

103 54.6 44.2 66.2





#71

Bromoform

Concen: 51.744 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 14693

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

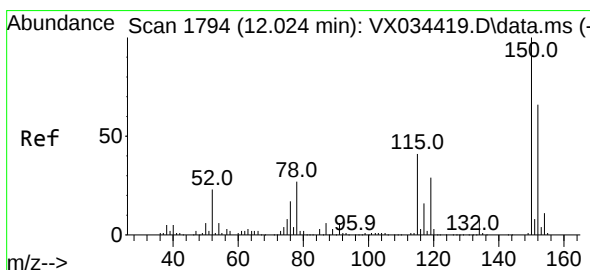
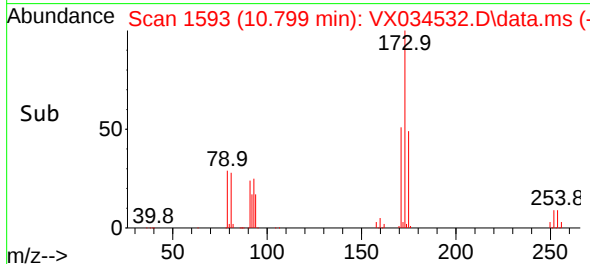
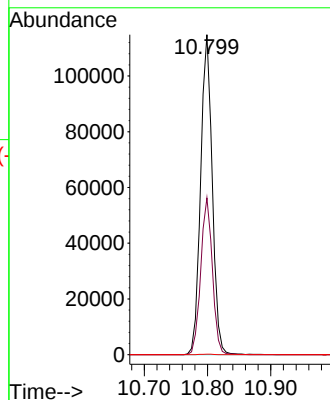
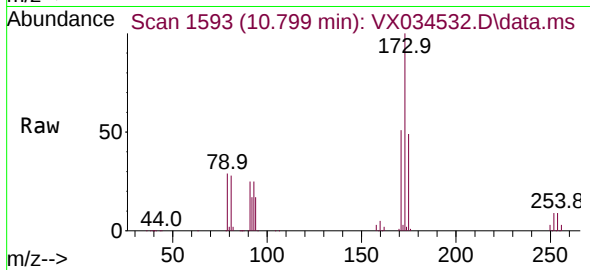
254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

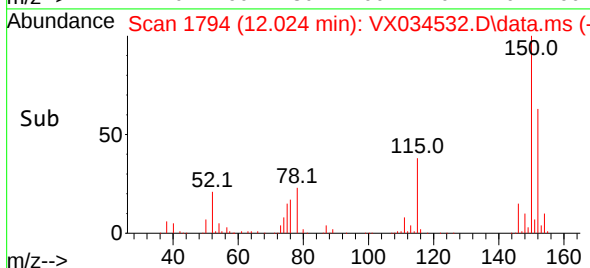
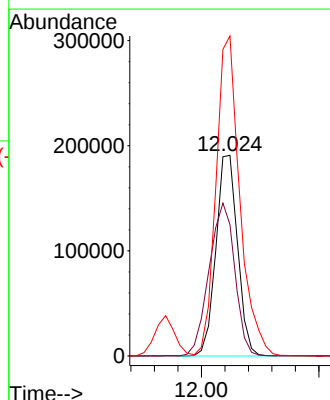
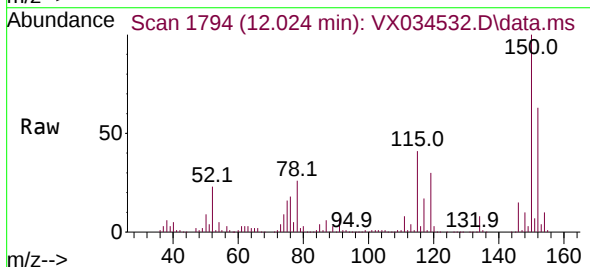
Tgt Ion:152 Resp: 244707

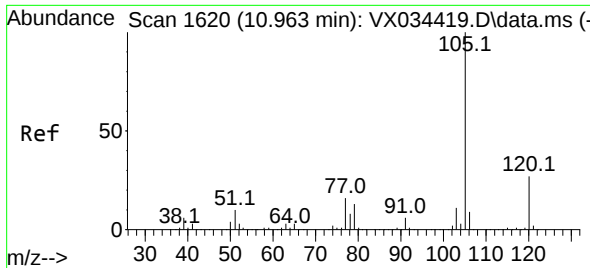
Ion Ratio Lower Upper

152 100

115 90.5 45.0 135.0

150 175.3 0.0 352.4





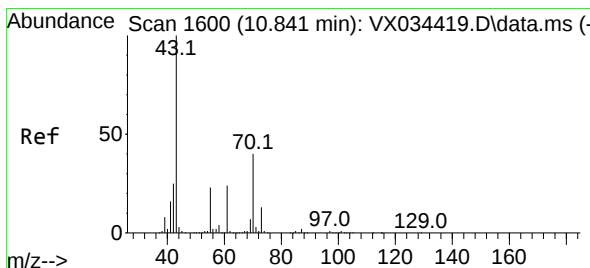
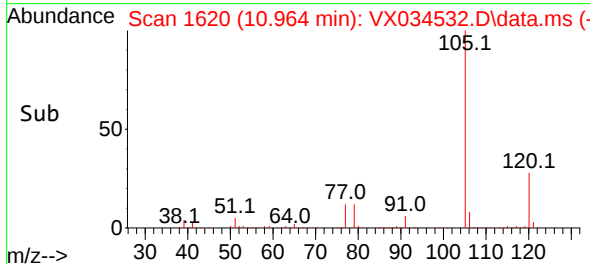
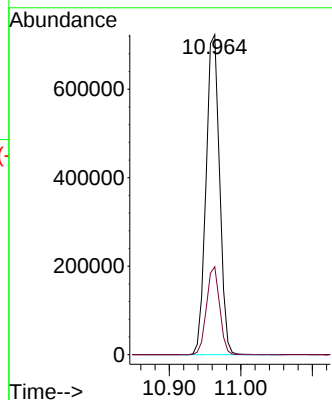
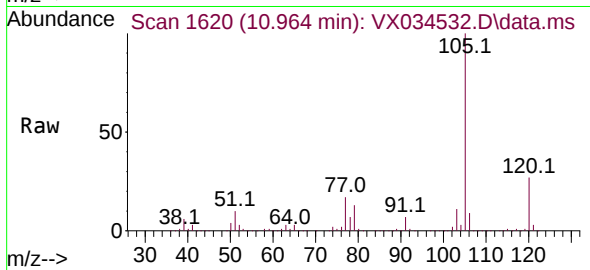
#73
Isopropylbenzene
Concen: 50.434 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 953850
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

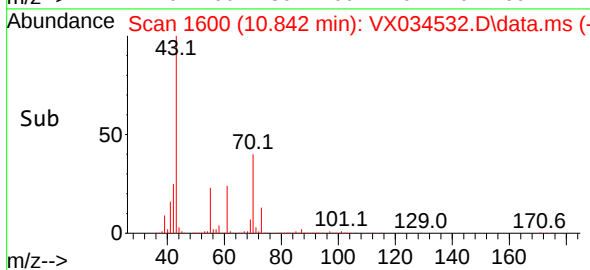
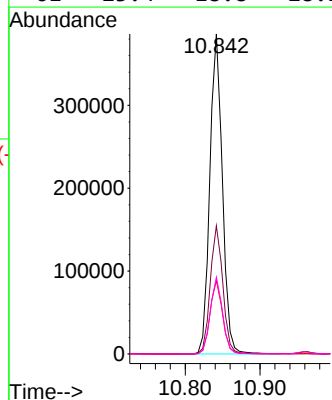
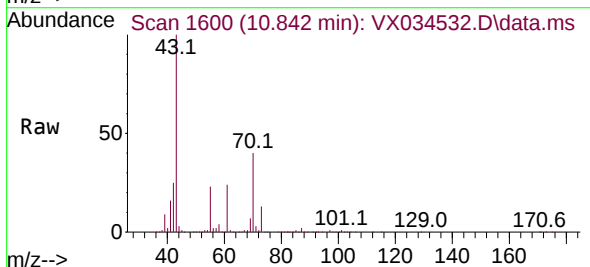
Manual Integrations
APPROVED

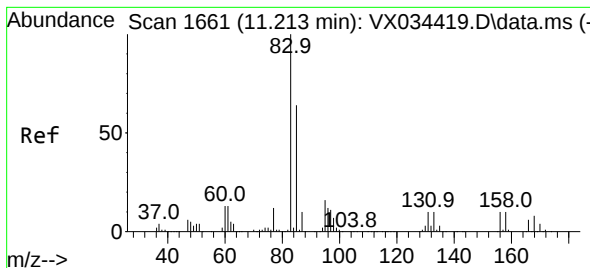
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#74
N-ethyl acetate
Concen: 49.679 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

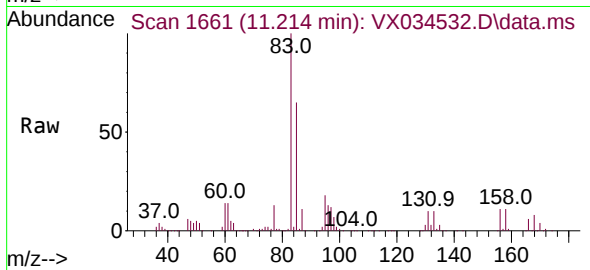
Tgt Ion: 43 Resp: 450026
Ion Ratio Lower Upper
43 100
70 40.1 32.1 48.1
55 22.9 18.3 27.5
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.919 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

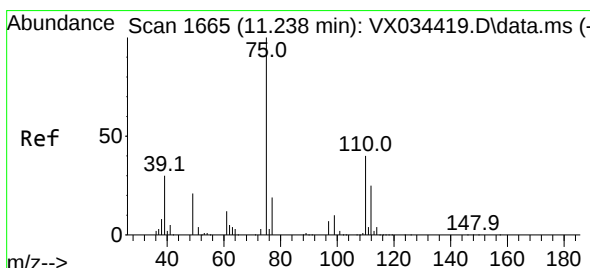
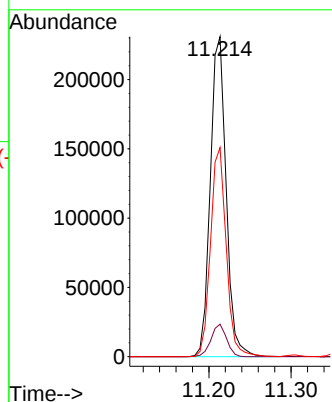
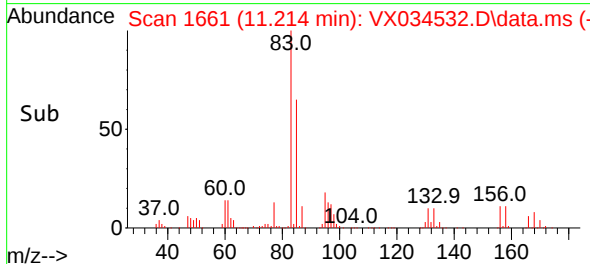
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



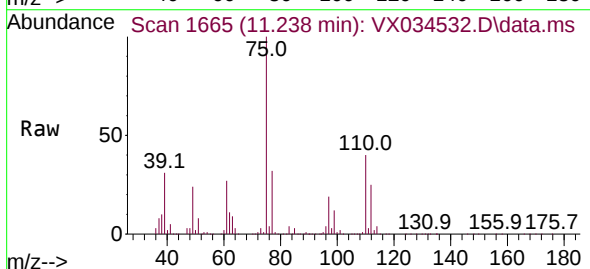
Tgt Ion: 83 Resp: 308734
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 64.8 32.0 96.0

Manual Integrations
APPROVED

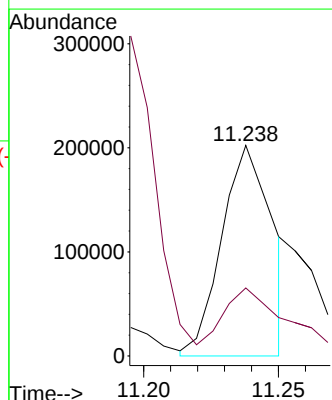
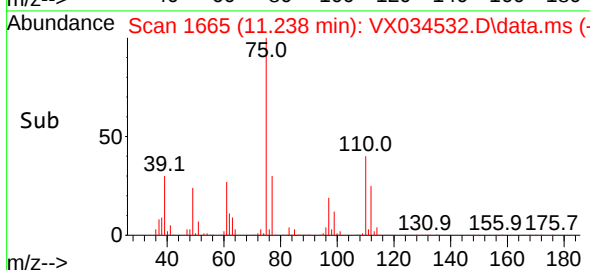
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

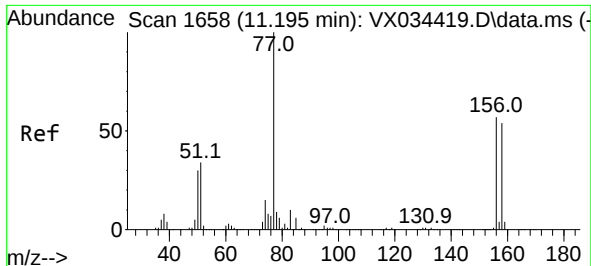


#76
1,2,3-Trichloropropane
Concen: 46.595 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



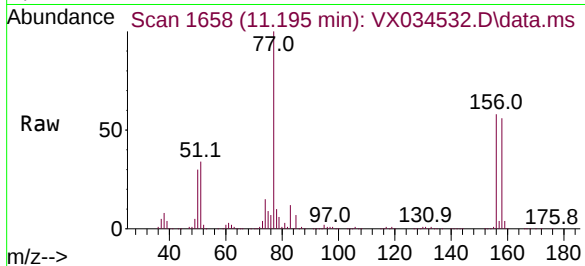
Tgt Ion: 75 Resp: 261809
Ion Ratio Lower Upper
75 100
77 42.5 21.6 64.8





#77
Bromobenzene
Concen: 49.313 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

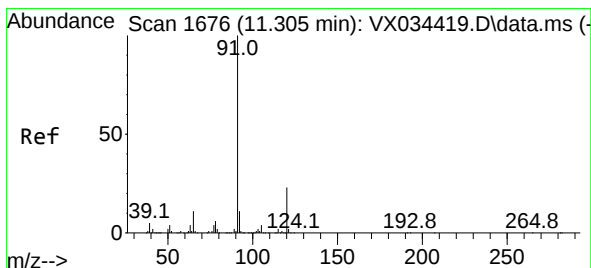
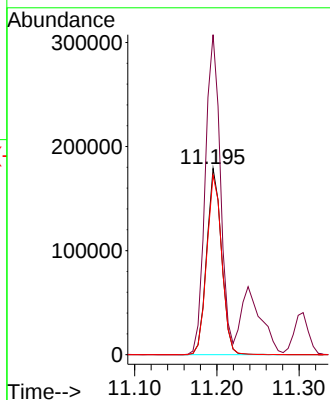
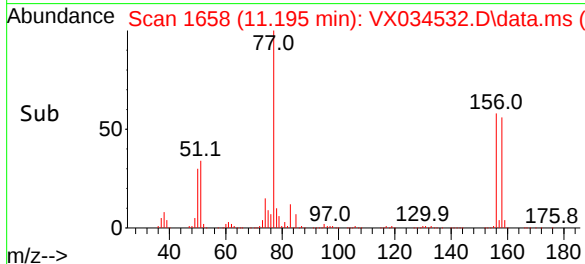
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



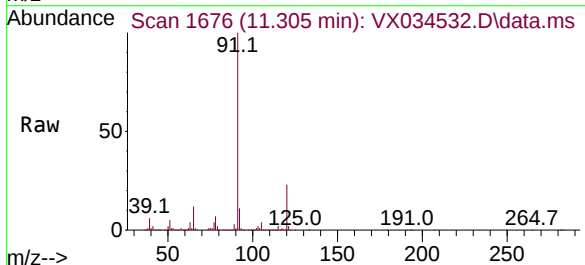
Tgt Ion:156 Resp: 223762
Ion Ratio Lower Upper
156 100
77 176.3 86.7 259.9
158 98.0 48.0 144.0

Manual Integrations
APPROVED

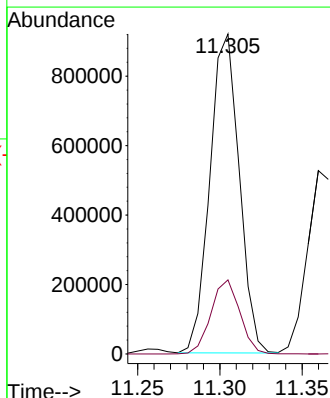
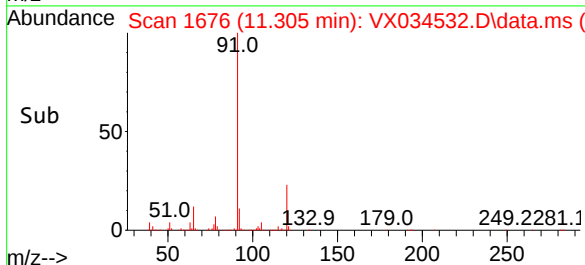
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

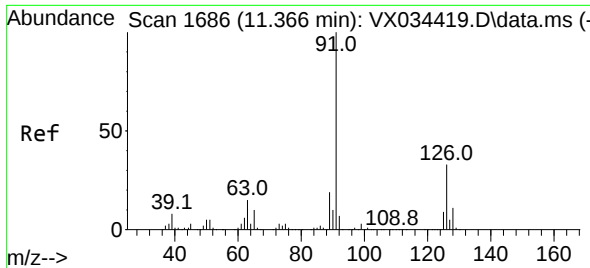


#78
n-propylbenzene
Concen: 52.268 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



Tgt Ion: 91 Resp: 1141659
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5





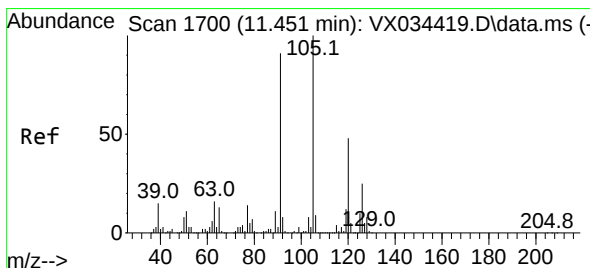
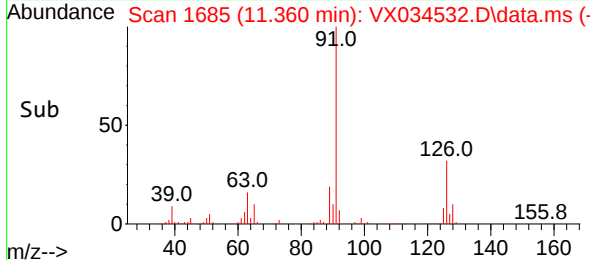
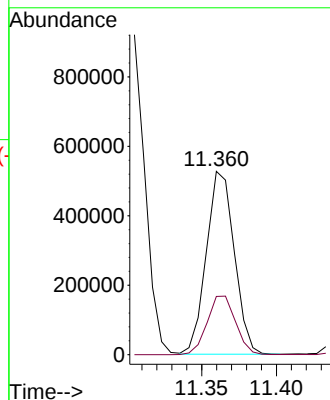
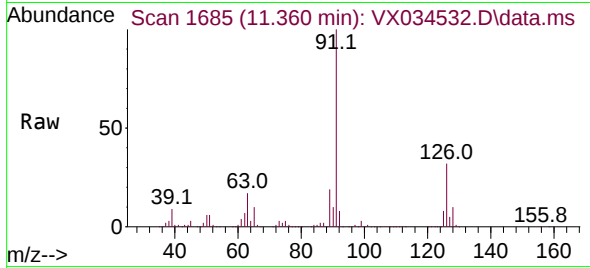
#79
2-Chlorotoluene
Concen: 50.899 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 686620
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9

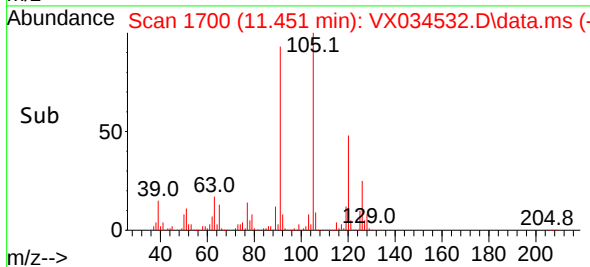
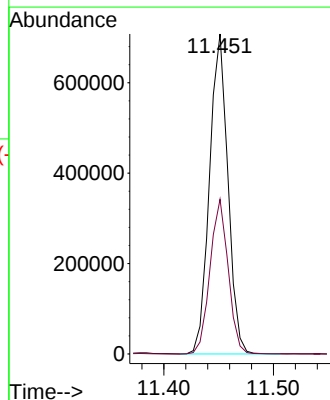
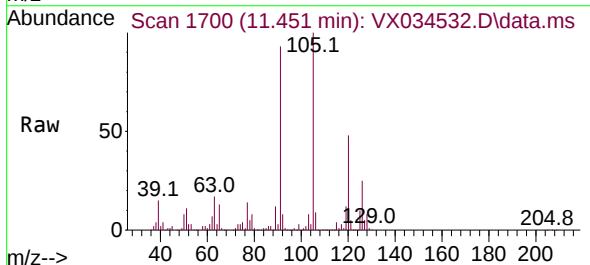
Manual Integrations
APPROVED

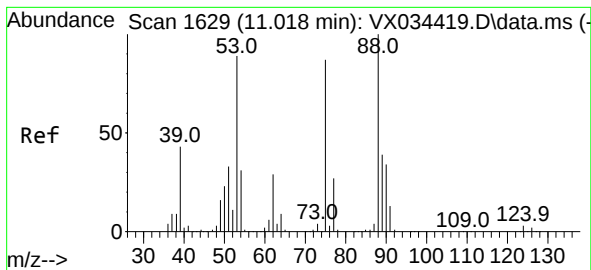
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.892 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Tgt Ion:105 Resp: 823193
Ion Ratio Lower Upper
105 100
120 47.8 23.7 71.1





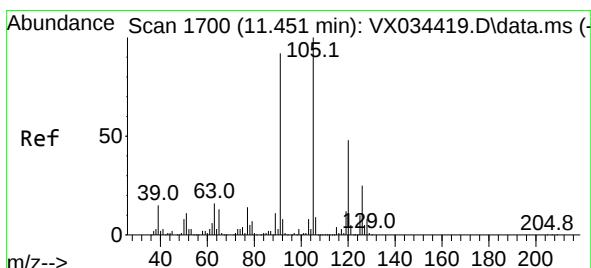
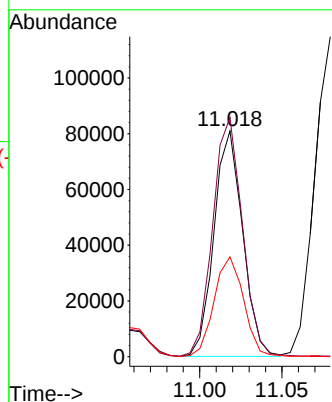
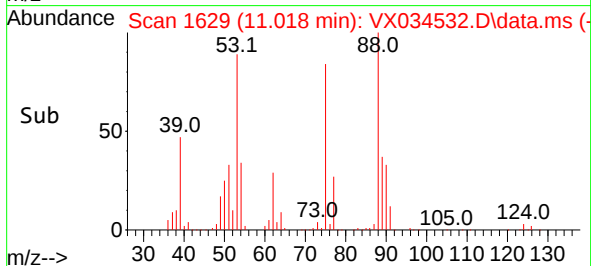
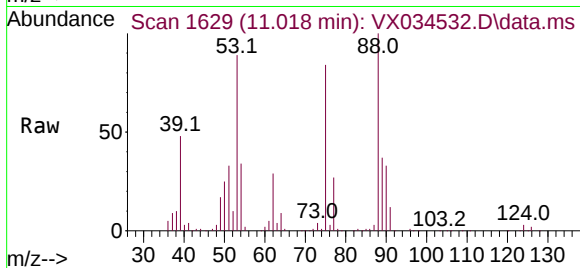
#81
trans-1,4-Dichloro-2-butene
Concen: 47.239 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 9811
Ion Ratio Lower Upper
75 100
53 108.9 82.6 124.0
89 45.8 36.9 55.3

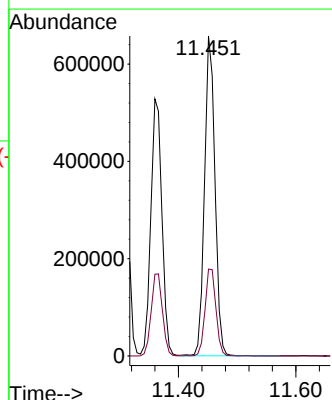
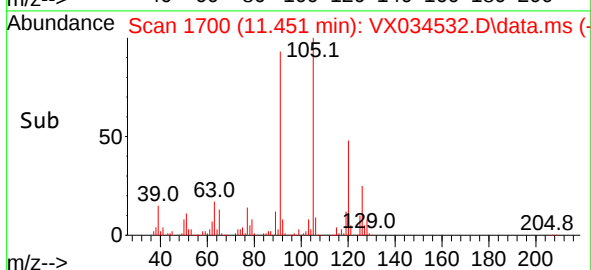
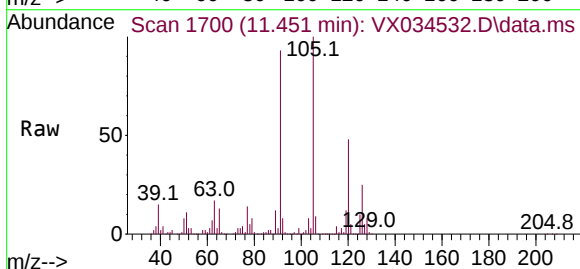
Manual Integrations
APPROVED

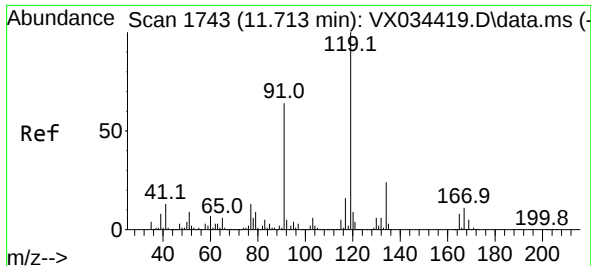
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#82
4-Chlorotoluene
Concen: 52.195 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

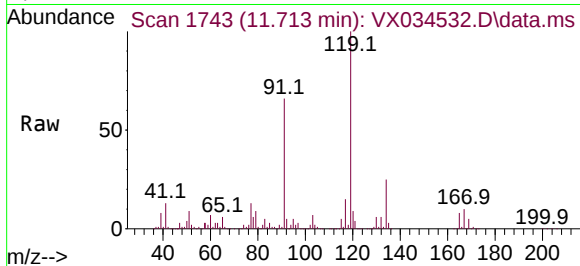
Tgt Ion: 91 Resp: 811012
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.934 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

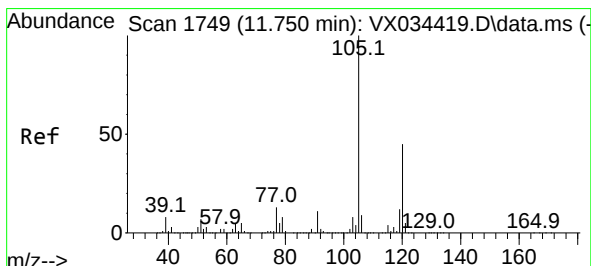
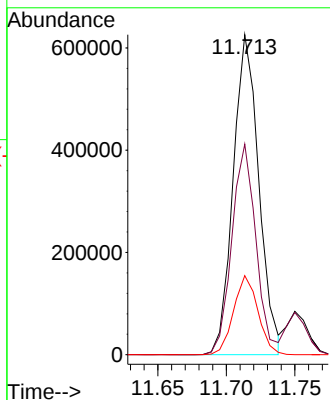
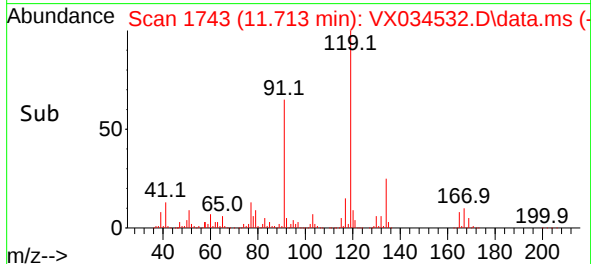
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



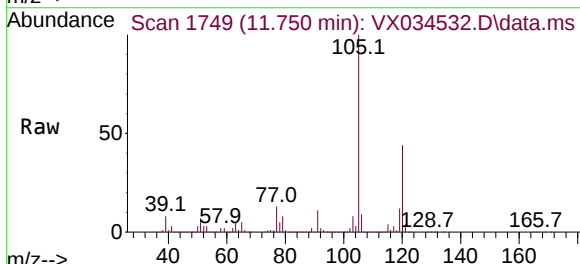
Tgt Ion:119 Resp: 814658
Ion Ratio Lower Upper
119 100
91 62.1 30.6 92.0
134 23.5 11.8 35.4

Manual Integrations
APPROVED

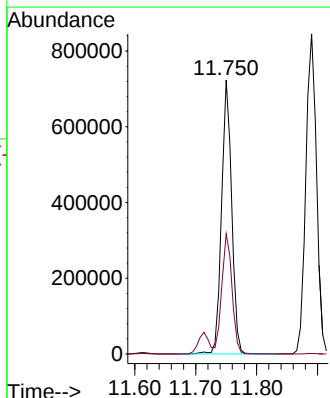
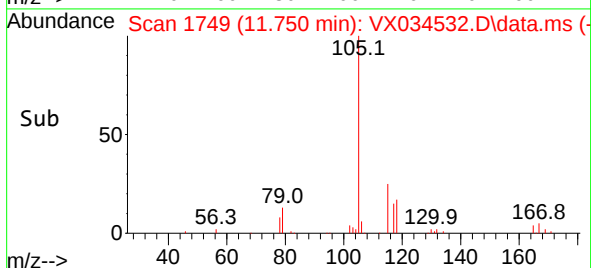
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

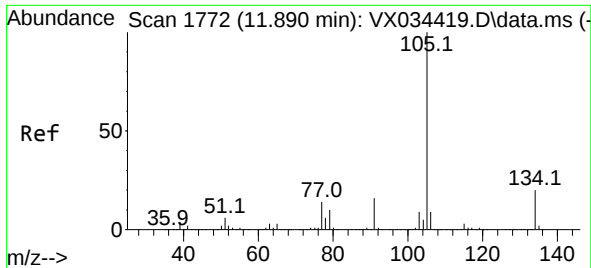


#84
1,2,4-Trimethylbenzene
Concen: 51.427 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



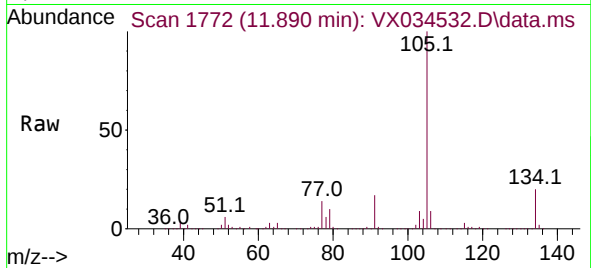
Tgt Ion:105 Resp: 833754
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 52.600 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034532.D
 Acq: 16 Mar 2023 09:47

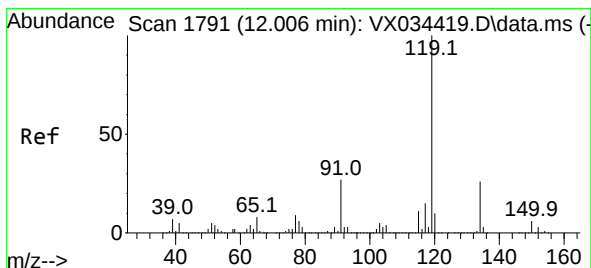
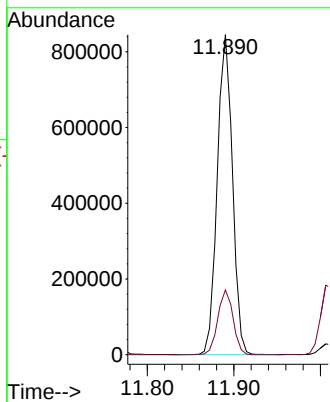
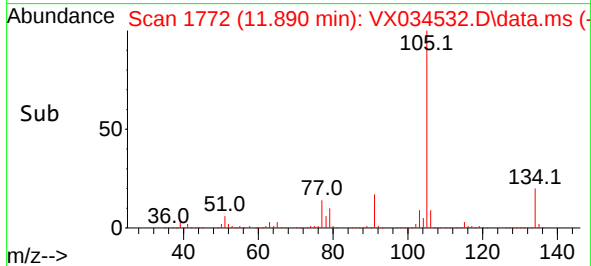
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



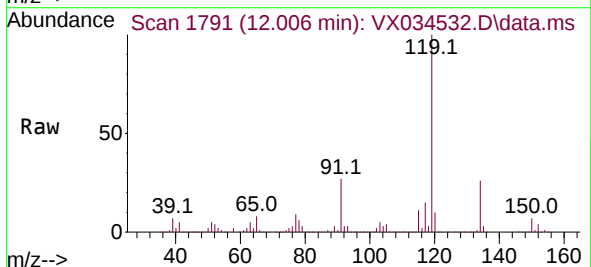
Tgt Ion:105 Resp: 1028529
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

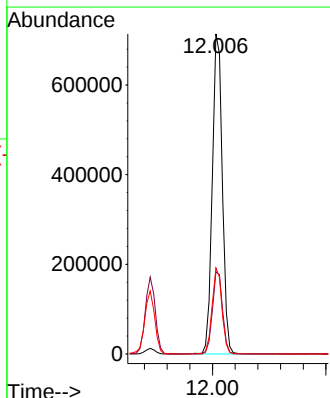
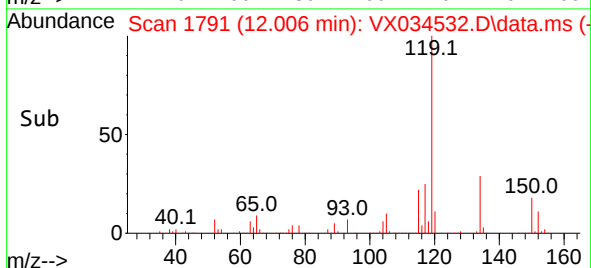
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

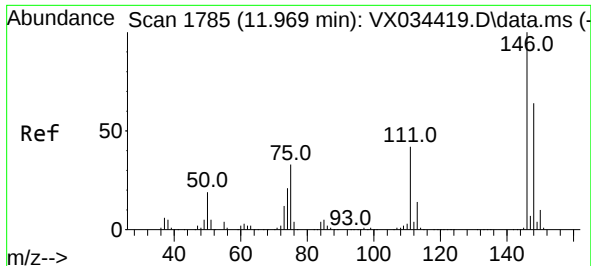


#86
 p-Isopropyltoluene
 Concen: 53.078 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034532.D
 Acq: 16 Mar 2023 09:47



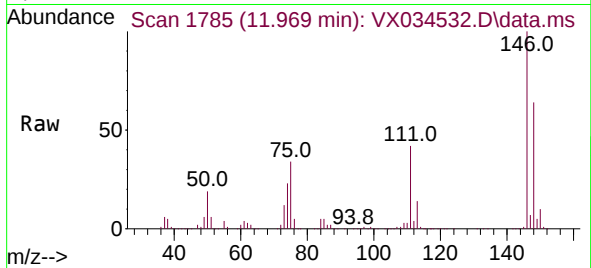
Tgt Ion:119 Resp: 872267
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 26.3 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 50.012 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

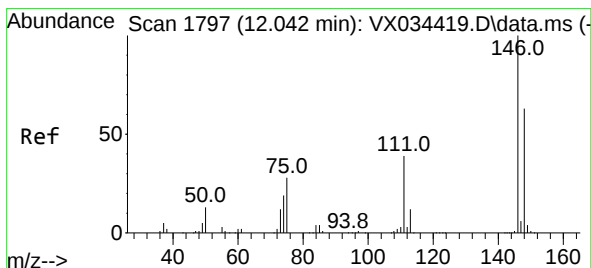
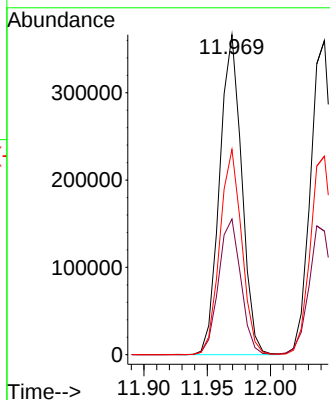
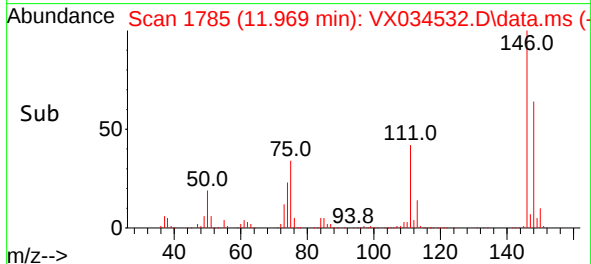
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



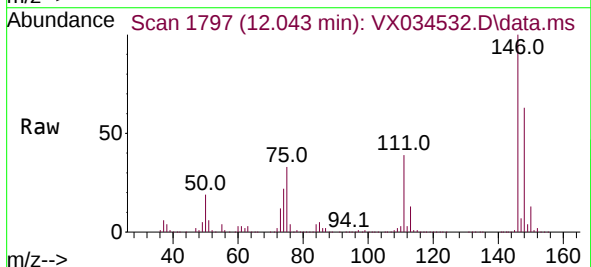
Tgt Ion:146 Resp: 444650
Ion Ratio Lower Upper
146 100
111 42.9 20.9 62.8
148 63.7 31.6 95.0

Manual Integrations
APPROVED

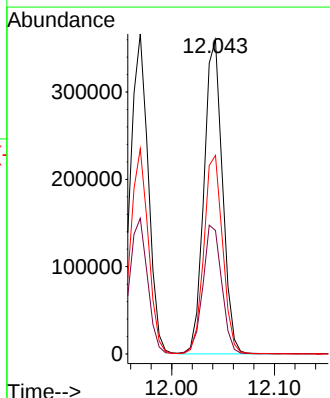
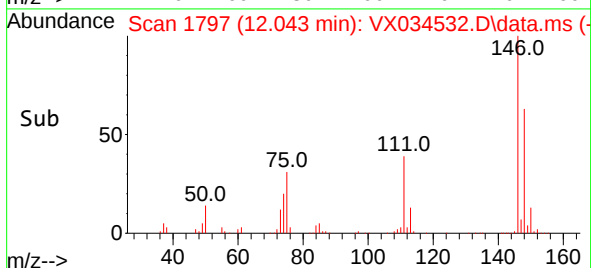
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

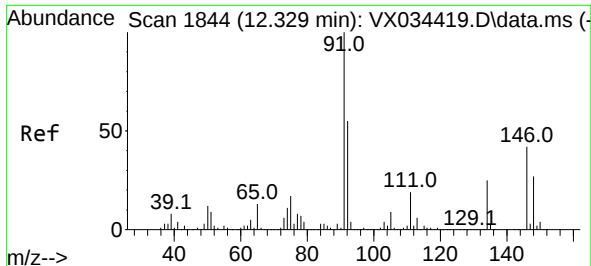


#88
1,4-Dichlorobenzene
Concen: 50.087 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



Tgt Ion:146 Resp: 450276
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.9
148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 54.349 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 79401

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

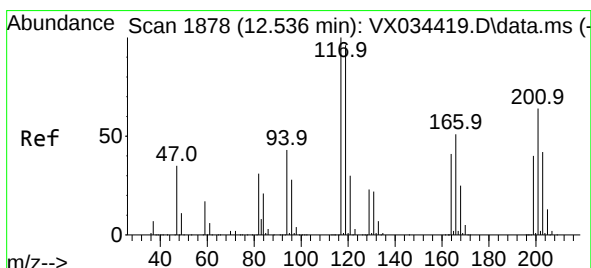
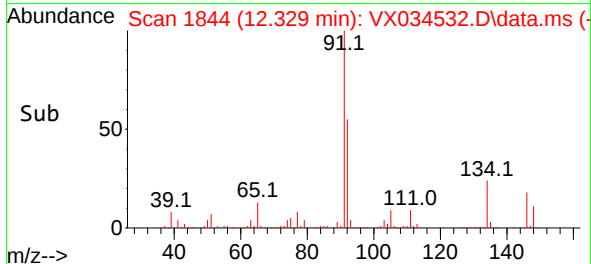
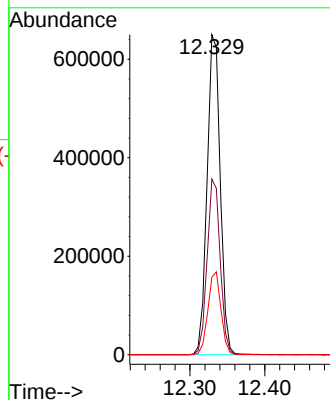
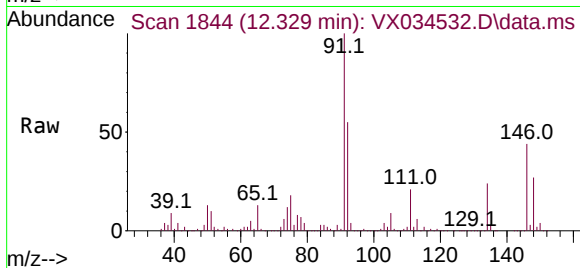
134 25.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#90

Hexachloroethane

Concen: 51.464 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034532.D

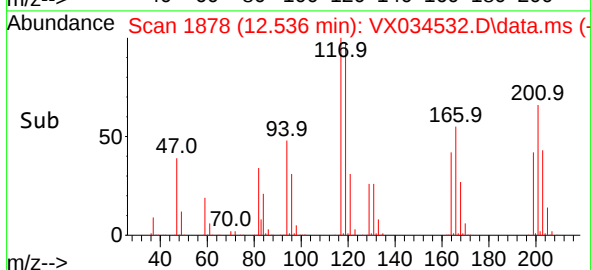
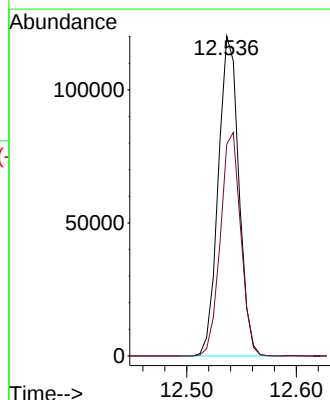
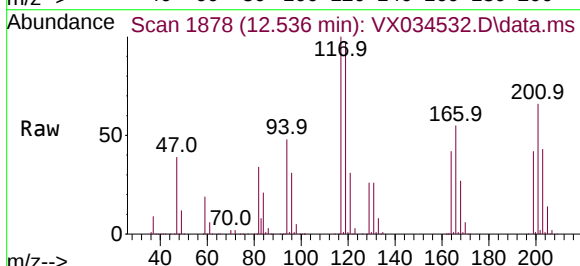
Acq: 16 Mar 2023 09:47

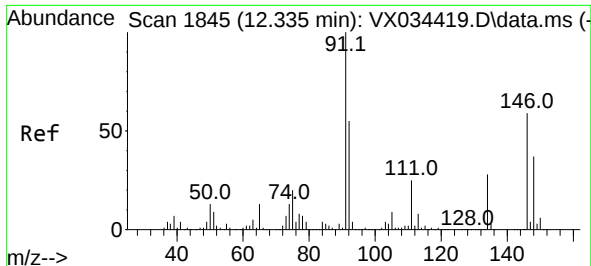
Tgt Ion:117 Resp: 156495

Ion Ratio Lower Upper

117 100

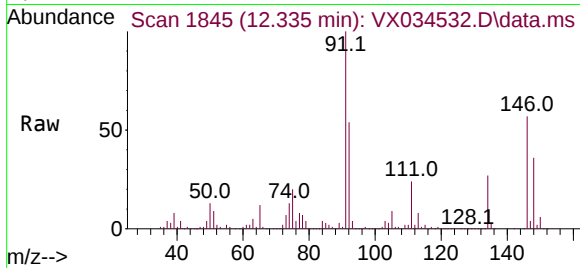
201 69.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 50.672 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

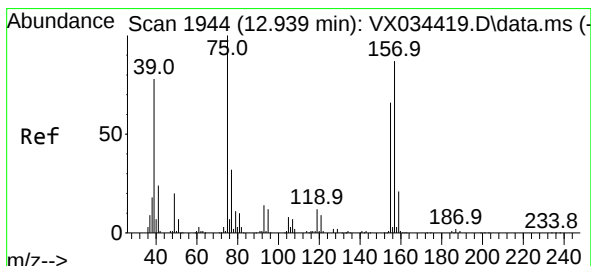
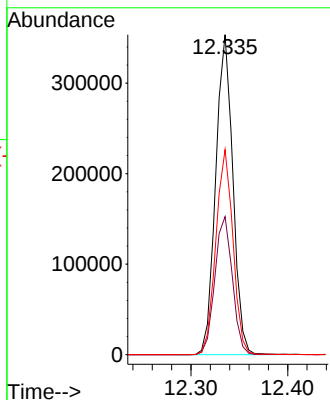
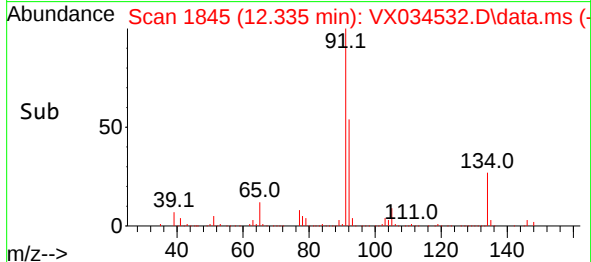
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



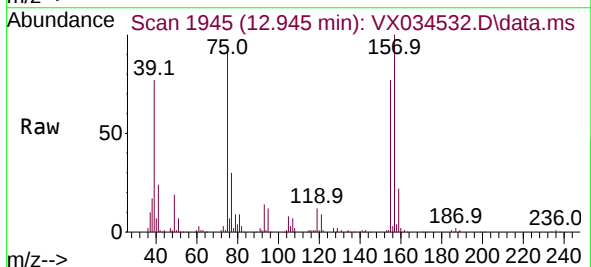
Tgt Ion:146 Resp: 435374
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 64.1 32.0 96.0

Manual Integrations
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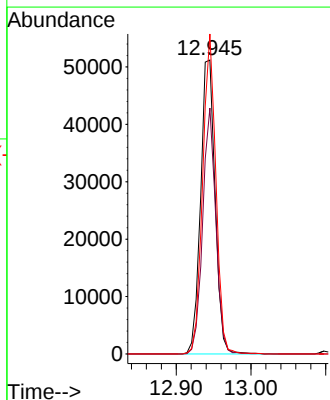
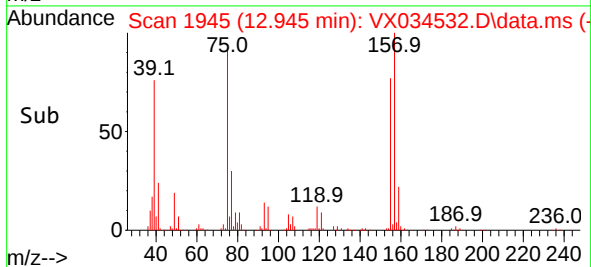
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

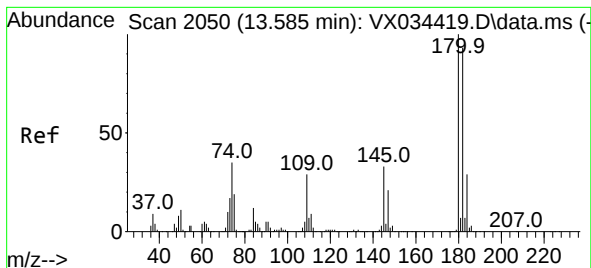


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.180 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



Tgt Ion: 75 Resp: 69084
Ion Ratio Lower Upper
75 100
155 75.8 38.4 115.1
157 98.9 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 51.266 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

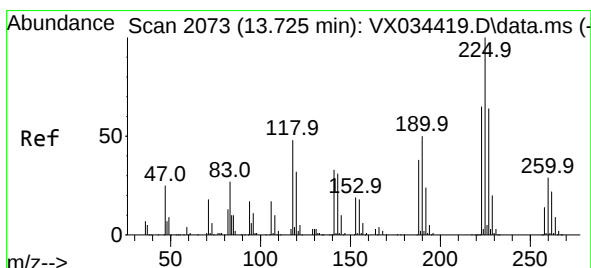
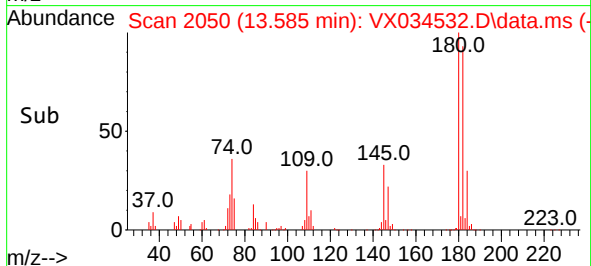
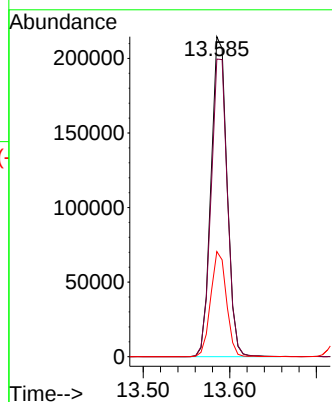
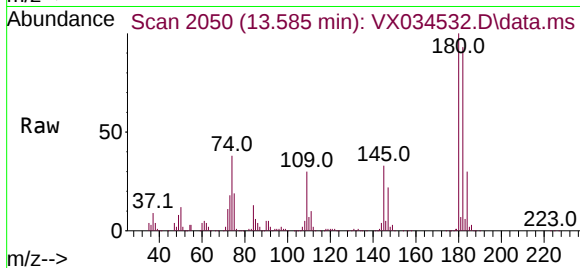
Tgt Ion:180	Resp: 27545
Ion Ratio	Lower Upper
180 100	
182 95.2	47.0 141.0
145 32.3	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#94

Hexachlorobutadiene

Concen: 54.972 ug/l

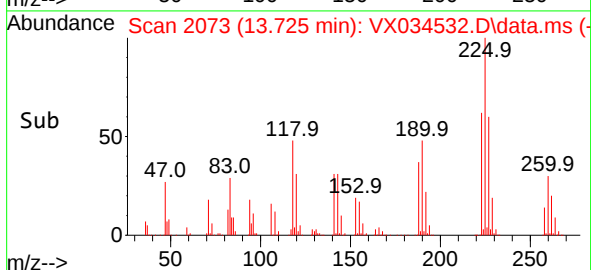
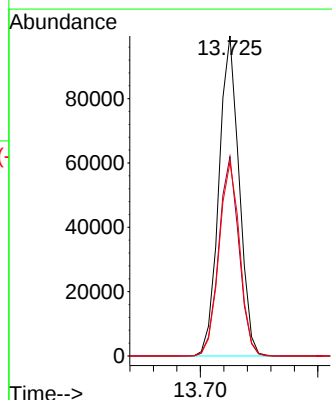
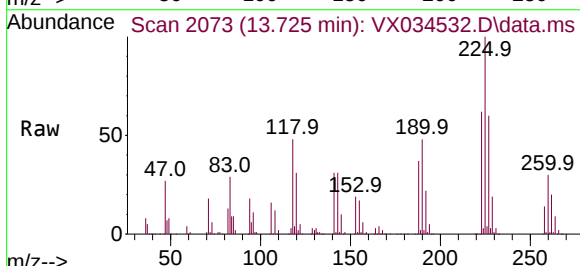
RT: 13.725 min Scan# 2073

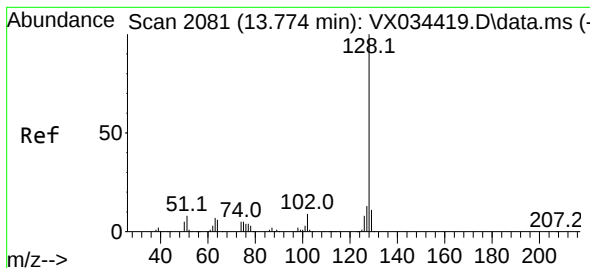
Delta R.T. 0.000 min

Lab File: VX034532.D

Acq: 16 Mar 2023 09:47

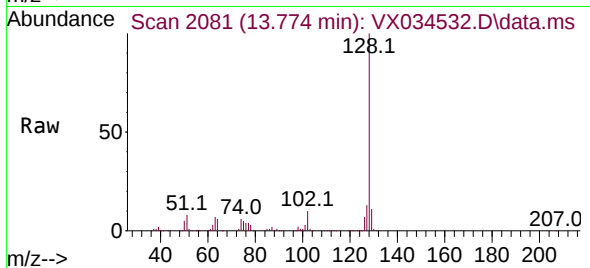
Tgt Ion:225	Resp: 118993
Ion Ratio	Lower Upper
225 100	
223 62.1	32.1 96.5
227 61.9	31.8 95.4





#95
Naphthalene
Concen: 49.191 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47

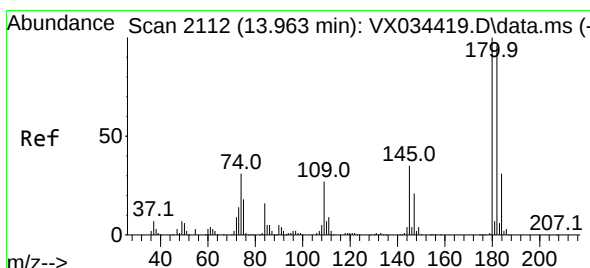
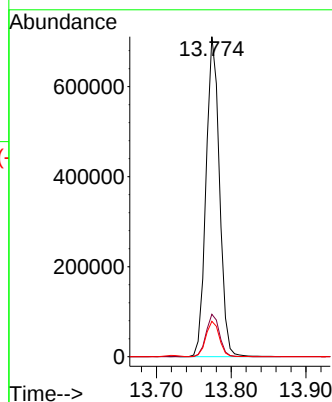
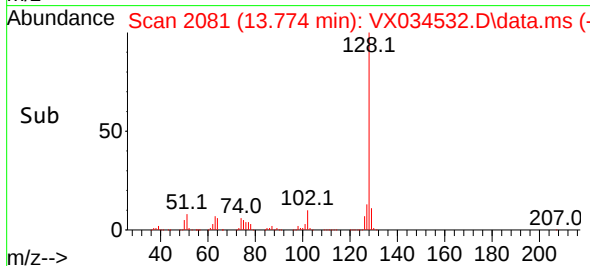
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



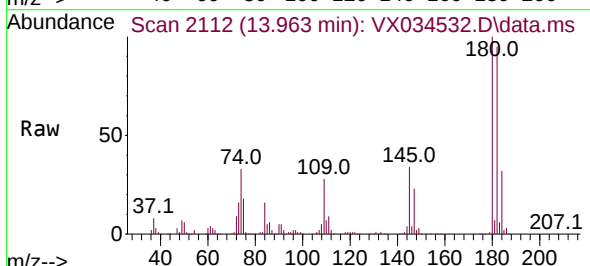
Tgt Ion:128 Resp: 886297
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.232 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034532.D
Acq: 16 Mar 2023 09:47



Tgt Ion:180 Resp: 269081
Ion Ratio Lower Upper
180 100
182 94.3 48.0 144.2
145 34.7 17.7 53.1

