

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034536.D
 Acq On : 16 Mar 2023 11:29
 Operator : JC/MD
 Sample : VX0316MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 17 06:21:48 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	5.550	168	264657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	439734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189068	49.106	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.220%		
35) Dibromofluoromethane	5.385	113	141468	48.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	8.647	98	522261	48.186	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.380%		
62) 4-Bromofluorobenzene	11.079	95	203214	46.419	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43444	17.608	ug/l	96
3) Chloromethane	1.307	50	60944	15.398	ug/l	100
4) Vinyl Chloride	1.374	62	59202	17.622	ug/l	99
5) Bromomethane	1.599	94	40199	23.716	ug/l	95
6) Chloroethane	1.685	64	37897	19.592	ug/l	96
7) Trichlorofluoromethane	1.886	101	97868	19.388	ug/l	96
8) Diethyl Ether	2.130	74	35857	19.458	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	55770	18.957	ug/l	99
10) Methyl Iodide	2.453	142	73126	18.933	ug/l	97
11) Tert butyl alcohol	2.953	59	70675	88.148	ug/l	98
12) 1,1-Dichloroethene	2.319	96	51391	17.738	ug/l	97
13) Acrolein	2.233	56	67061	105.727	ug/l	97
14) Allyl chloride	2.660	41	101423	17.267	ug/l	98
15) Acrylonitrile	3.056	53	167708	96.829	ug/l	98
16) Acetone	2.373	43	164438	90.667	ug/l	98
17) Carbon Disulfide	2.514	76	120933	14.832	ug/l	100
18) Methyl Acetate	2.697	43	112059	18.909	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197089	18.999	ug/l	97
20) Methylene Chloride	2.788	84	62826	17.849	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	54934	17.854	ug/l	98
22) Diisopropyl ether	3.757	45	214002	19.109	ug/l	99
23) Vinyl Acetate	3.721	43	817044	95.861	ug/l	97
24) 1,1-Dichloroethane	3.611	63	108957	18.099	ug/l	100
25) 2-Butanone	4.550	43	244636	94.269	ug/l	99
26) 2,2-Dichloropropane	4.471	77	90383	17.272	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	67862	18.321	ug/l	99
28) Bromochloromethane	4.897	49	56824	20.300	ug/l	99
29) Tetrahydrofuran	5.001	42	154123	96.248	ug/l	98
30) Chloroform	5.092	83	112383	19.044	ug/l	98
31) Cyclohexane	5.470	56	96997	17.963	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	94648	18.118	ug/l	98
36) 1,1-Dichloropropene	5.696	75	80431	18.037	ug/l	99
37) Ethyl Acetate	4.708	43	92175	18.921	ug/l	99
38) Carbon Tetrachloride	5.678	117	79570	17.936	ug/l	98
39) Methylcyclohexane	7.379	83	96093	18.006	ug/l	95
40) Benzene	6.037	78	241518	18.514	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51025	19.111	ug/l	99
42) 1,2-Dichloroethane	6.086	62	96575	20.143	ug/l	99
43) Isopropyl Acetate	6.336	43	155579	18.851	ug/l	100
44) Trichloroethene	7.123	130	61102	18.027	ug/l	99
45) 1,2-Dichloropropane	7.427	63	64476	18.929	ug/l	99
46) Dibromomethane	7.580	93	43972	18.989	ug/l	98
47) Bromodichloromethane	7.824	83	84949	18.954	ug/l	98
48) Methyl methacrylate	7.690	41	77192	19.448	ug/l	98
49) 1,4-Dioxane	7.653	88	33789	405.294	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	481989	100.674	ug/l	98
52) Toluene	8.720	92	152135	18.837	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	91242	18.071	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	98652	18.059	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	63214	19.722	ug/l	99
56) Ethyl methacrylate	9.116	69	99577	18.921	ug/l	97
57) 1,3-Dichloropropane	9.305	76	109676	19.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	253981	93.646	ug/l	100
59) 2-Hexanone	9.427	43	366198	98.948	ug/l	100
60) Dibromochloromethane	9.518	129	62323	18.539	ug/l	98
61) 1,2-Dibromoethane	9.610	107	65424	18.915	ug/l	99
64) Tetrachloroethene	9.275	164	49705	18.512	ug/l	98
65) Chlorobenzene	10.079	112	161714	18.440	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	58380	18.277	ug/l	98
67) Ethyl Benzene	10.195	91	296483	18.884	ug/l	99
68) m/p-Xylenes	10.299	106	223619	37.078	ug/l	98
69) o-Xylene	10.640	106	112784	18.634	ug/l	99
70) Styrene	10.652	104	181212	18.557	ug/l	99
71) Bromoform	10.799	173	40441	16.448	ug/l #	98
73) Isopropylbenzene	10.963	105	291108	17.610	ug/l	100
74) N-amyl acetate	10.841	43	137550	17.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	100685	18.253	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82169m	16.732	ug/l	
77) Bromobenzene	11.195	156	68338	17.231	ug/l	98
78) n-propylbenzene	11.305	91	345956	18.121	ug/l	98
79) 2-Chlorotoluene	11.366	91	207387	17.589	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	250901	18.096	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26456	14.574	ug/l	92
82) 4-Chlorotoluene	11.451	91	242111	17.827	ug/l	99
83) tert-Butylbenzene	11.713	119	264957	18.953	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	282417	19.930	ug/l	97
85) sec-Butylbenzene	11.890	105	337528	19.749	ug/l	99
86) p-Isopropyltoluene	12.006	119	278300	19.375	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	143145	18.421	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	144220	18.354	ug/l	99
89) n-Butylbenzene	12.329	91	242325	18.977	ug/l	98
90) Hexachloroethane	12.536	117	46581	17.526	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	141689	18.867	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23633	18.857	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	89280	19.011	ug/l	98
94) Hexachlorobutadiene	13.725	225	37944	20.055	ug/l	98
95) Naphthalene	13.774	128	306652	19.472	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	87607	19.084	ug/l	100

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ALS Vial : 6 Sample Multiplier: 1

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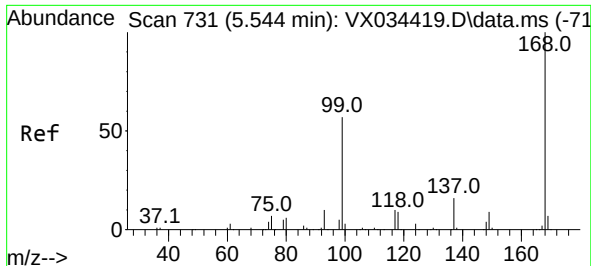
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



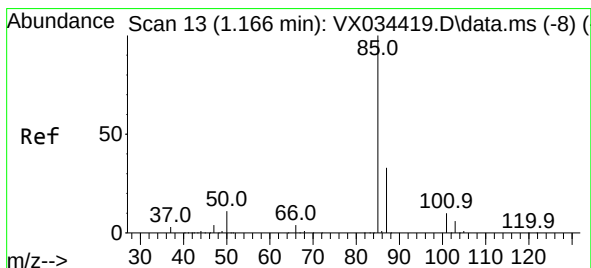
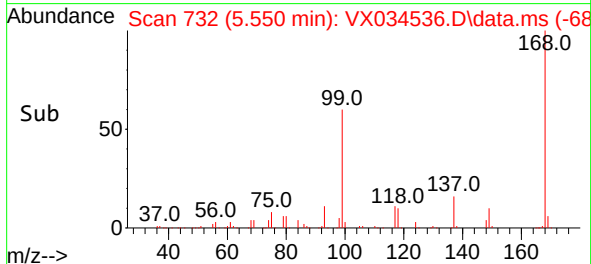
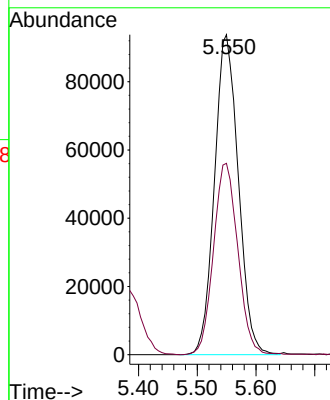
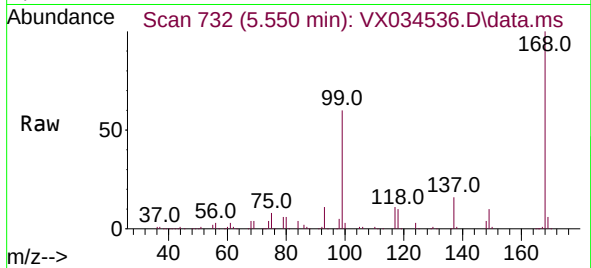
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion:168 Resp: 26465
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5

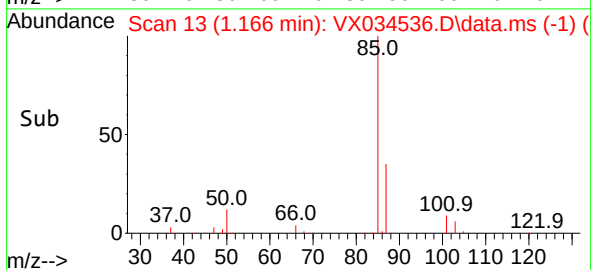
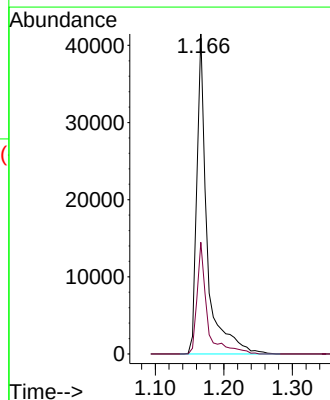
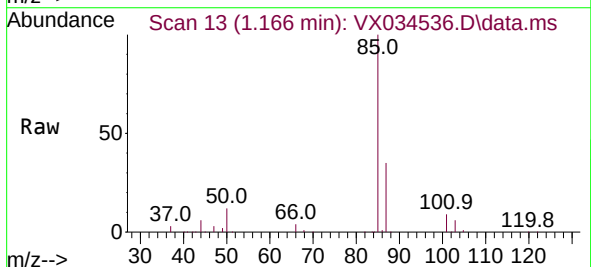
Manual Integrations
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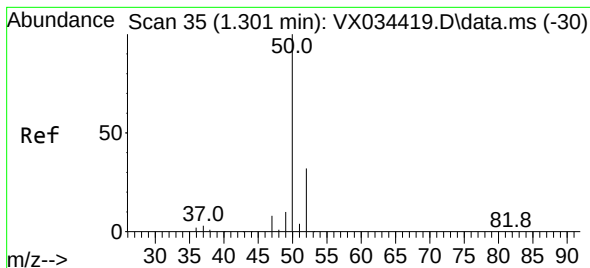
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#2
Dichlorodifluoromethane
Concen: 17.608 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 85 Resp: 43444
Ion Ratio Lower Upper
85 100
87 34.9 16.4 49.1





#3

Chloromethane

Concen: 15.398 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 50 Resp: 60944

Ion Ratio Lower Upper

50 100

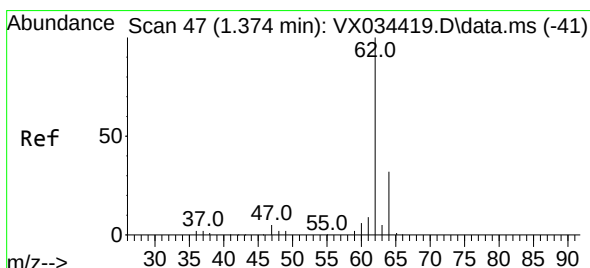
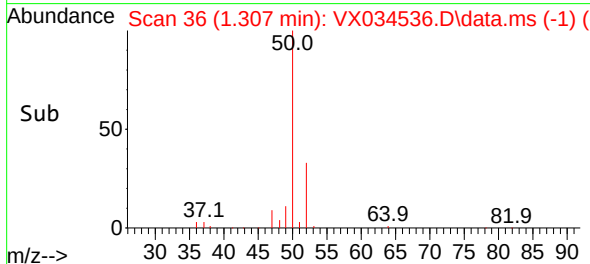
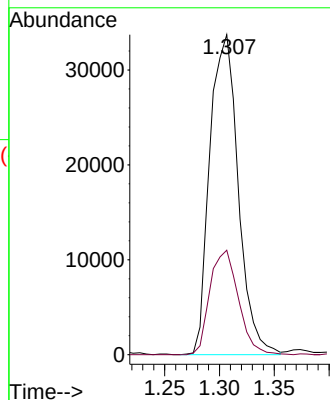
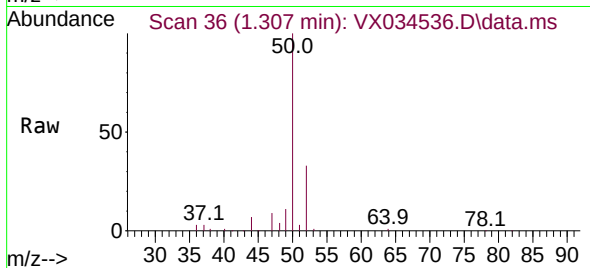
52 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#4

Vinyl Chloride

Concen: 17.622 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034536.D

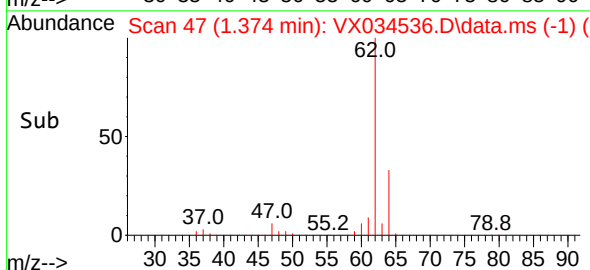
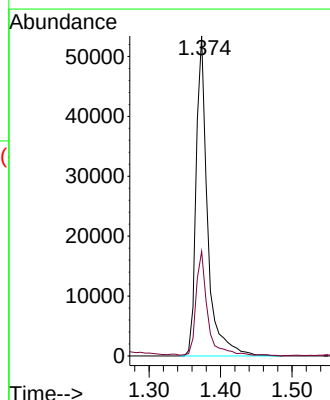
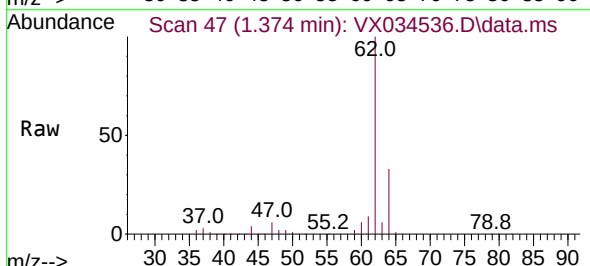
Acq: 16 Mar 2023 11:29

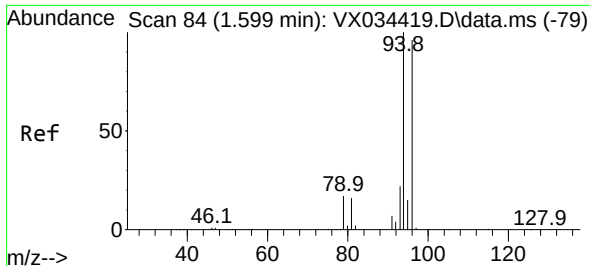
Tgt Ion: 62 Resp: 59202

Ion Ratio Lower Upper

62 100

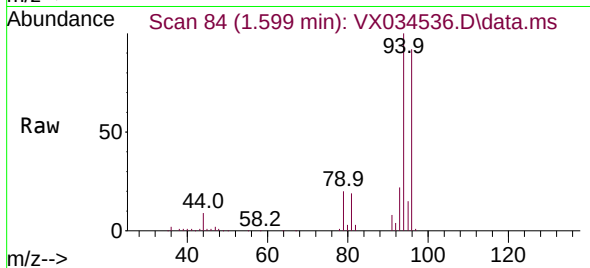
64 32.7 26.4 39.6





#5
Bromomethane
Concen: 23.716 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

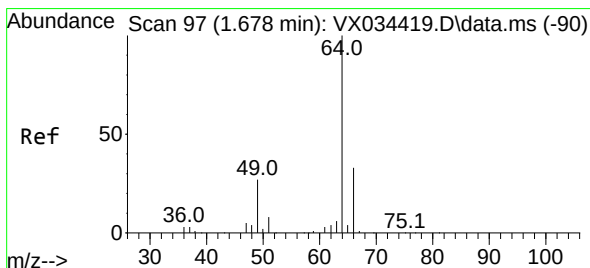
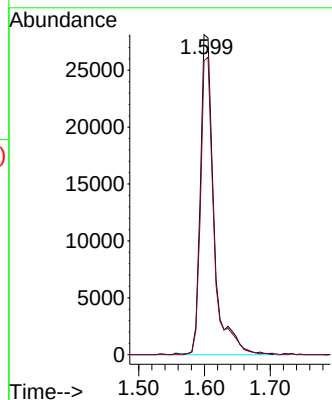
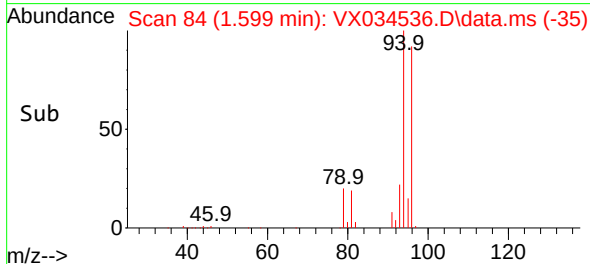
Instrument :
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Tgt Ion: 94 Resp: 40199
Ion Ratio Lower Upper
94 100
96 91.8 77.0 115.6

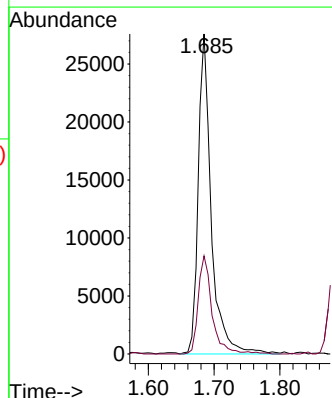
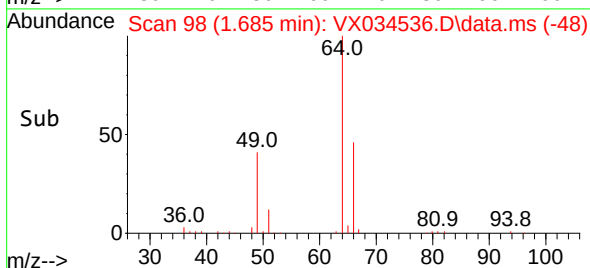
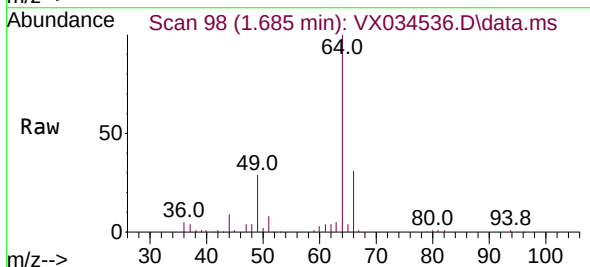
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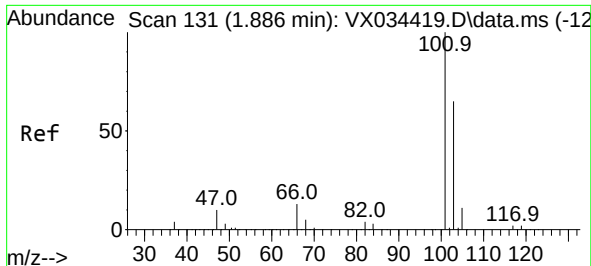
Reviewed By :John Carlone 03/17/2023
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#6
Chloroethane
Concen: 19.592 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX034536.D
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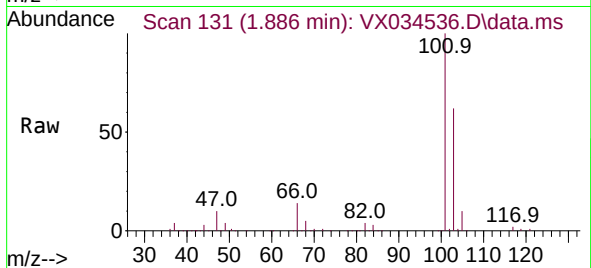
Tgt Ion: 64 Resp: 37897
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.388 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

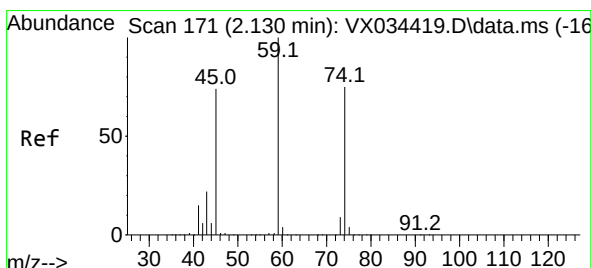
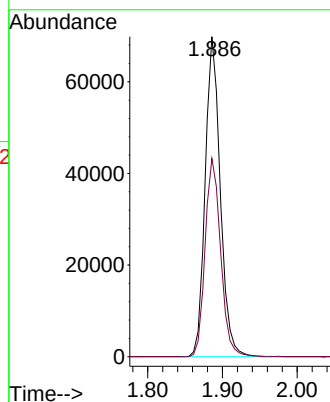
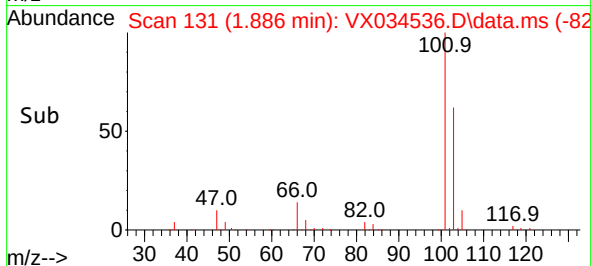
Instrument :
MSVOA_X
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VX0316MBS01



Tgt Ion:101 Resp: 9786
Ion Ratio Lower Upper
101 100
103 62.0 52.0 78.0

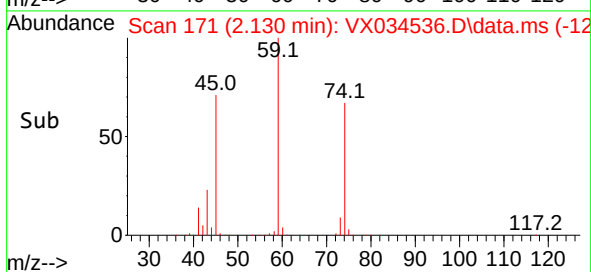
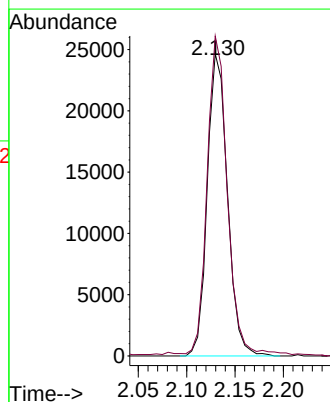
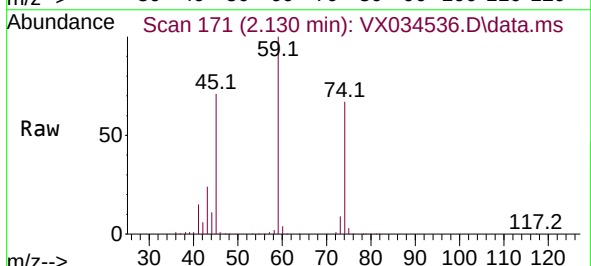
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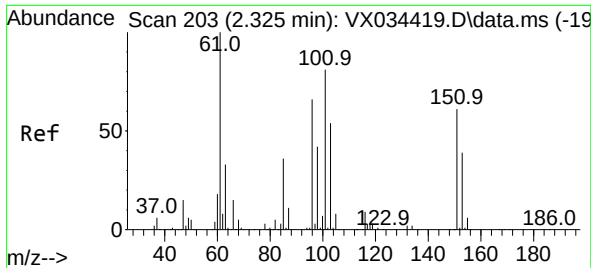
Reviewed By :John Carlone 03/17/2023
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#8
Diethyl Ether
Concen: 19.458 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 74 Resp: 35857
Ion Ratio Lower Upper
74 100
45 107.3 49.8 149.3





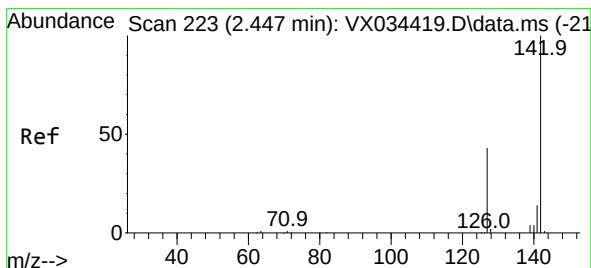
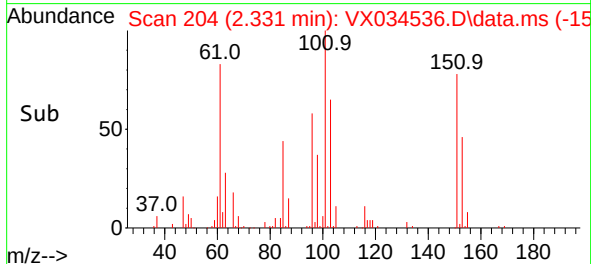
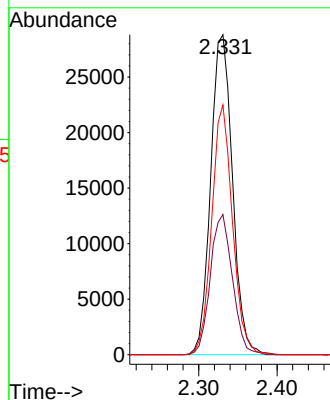
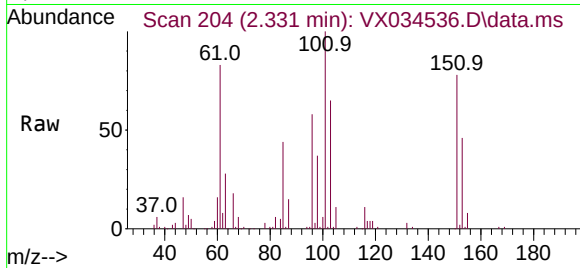
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.957 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion:101 Resp: 55770
Ion Ratio Lower Upper
101 100
85 44.4 35.4 53.2
151 74.4 60.2 90.4

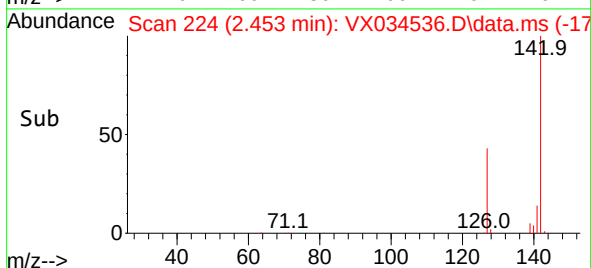
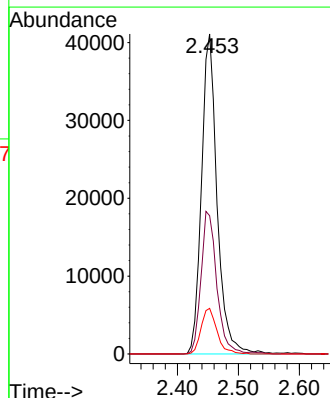
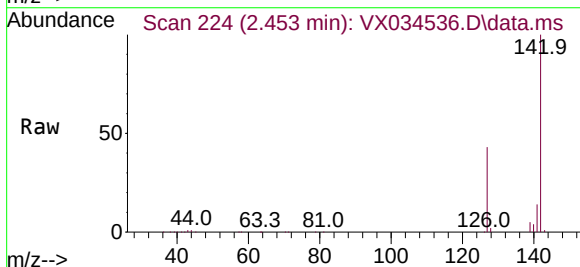
Manual Integrations
APPROVED

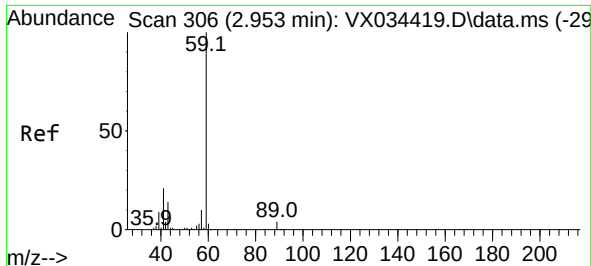
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#10
Methyl Iodide
Concen: 18.933 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

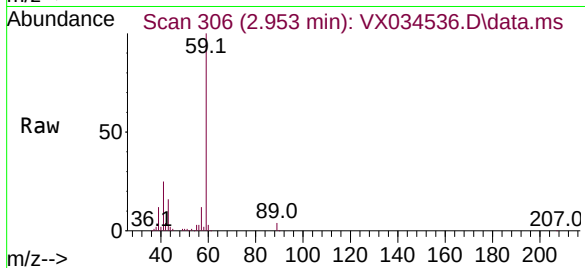
Tgt Ion:142 Resp: 73126
Ion Ratio Lower Upper
142 100
127 44.9 34.0 51.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 88.148 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

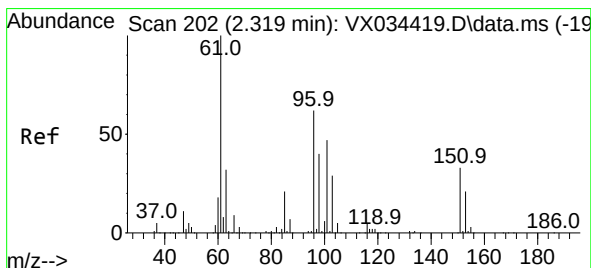
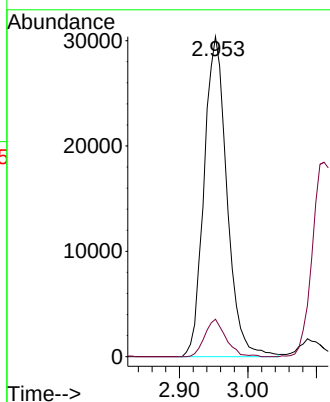
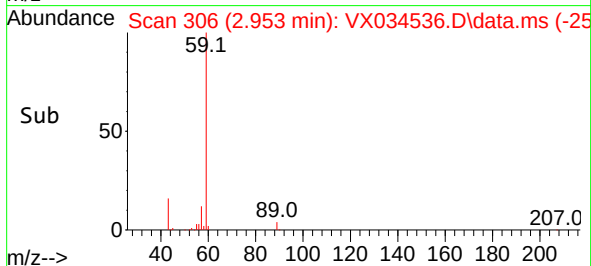
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



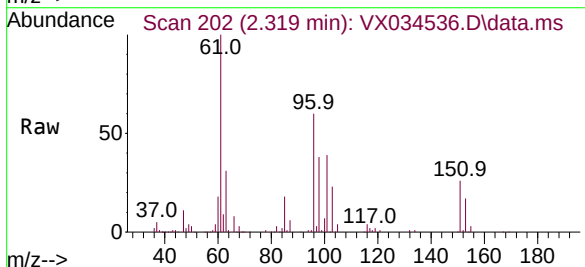
Tgt Ion: 59 Resp: 70679
Ion Ratio Lower Upper
59 100
57 10.8 8.1 12.1

Manual Integrations
APPROVED

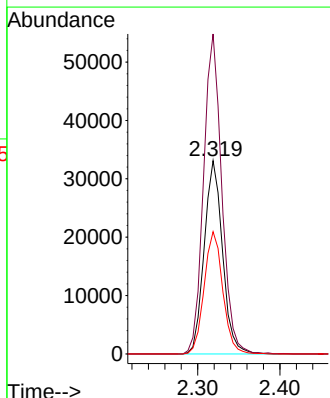
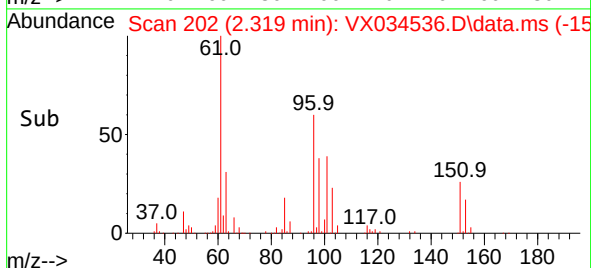
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

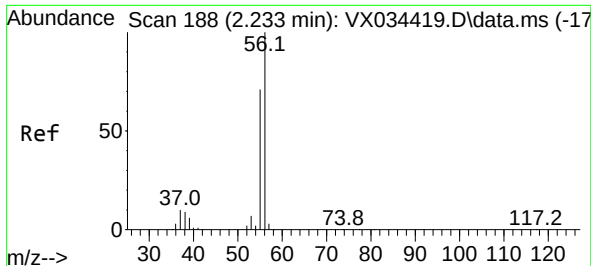


#12
1,1-Dichloroethene
Concen: 17.738 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29



Tgt Ion: 96 Resp: 51391
Ion Ratio Lower Upper
96 100
61 165.5 128.8 193.2
98 63.3 51.4 77.0





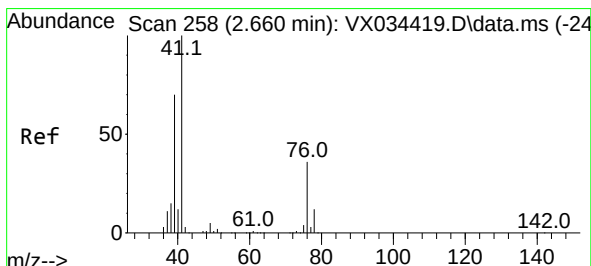
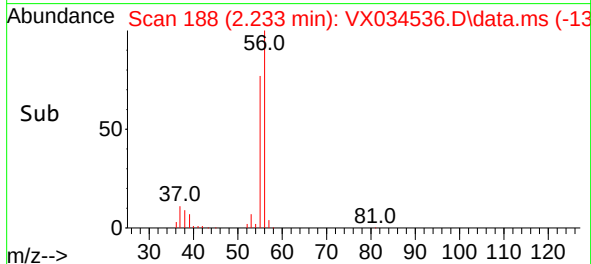
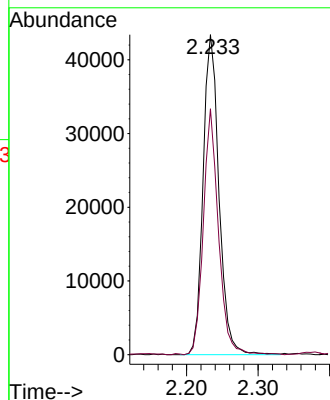
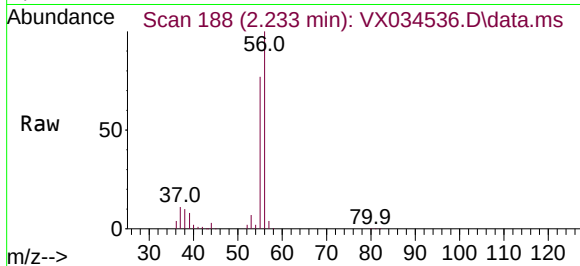
#13
Acrolein
Concen: 105.727 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 56 Resp: 67063
Ion Ratio Lower Upper
56 100
55 73.1 56.6 85.0

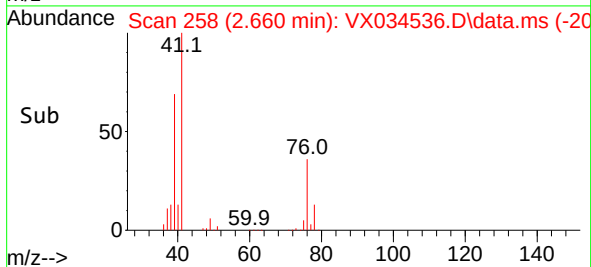
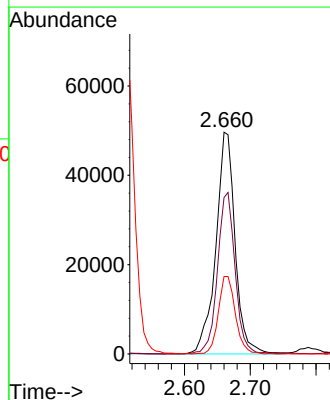
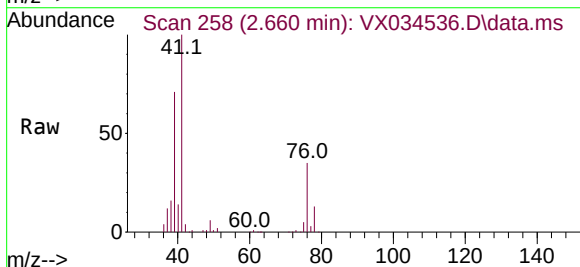
Manual Integrations
APPROVED

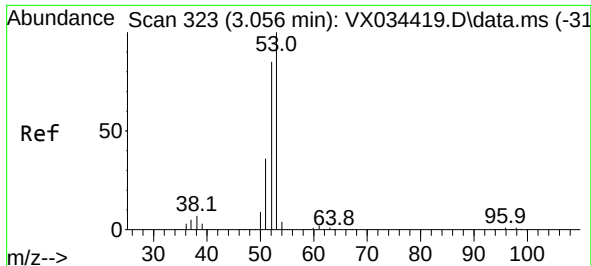
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#14
Allyl chloride
Concen: 17.267 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 41 Resp: 101423
Ion Ratio Lower Upper
41 100
39 66.8 52.4 78.6
76 30.9 26.0 39.0





#15

Acrylonitrile

Concen: 96.829 ug/l

RT: 3.056 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 53 Resp: 167708

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.2

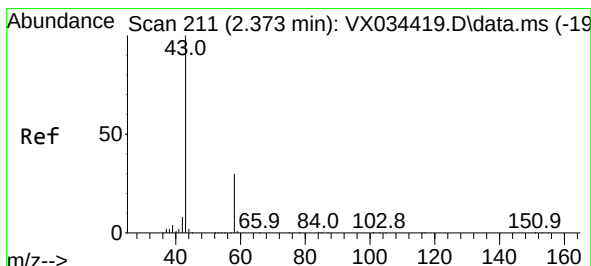
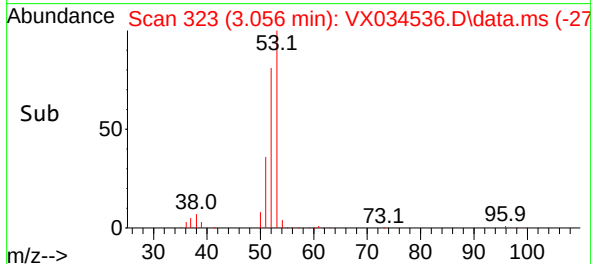
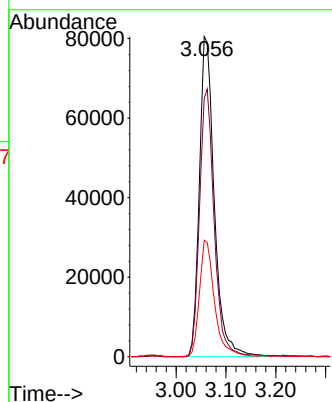
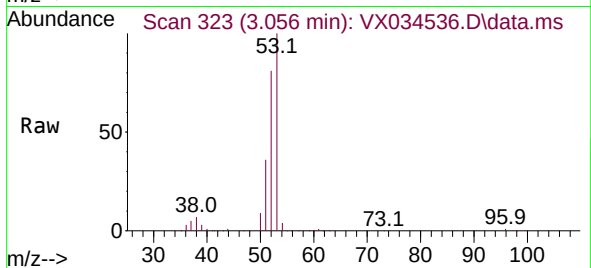
51 36.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#16

Acetone

Concen: 90.667 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034536.D

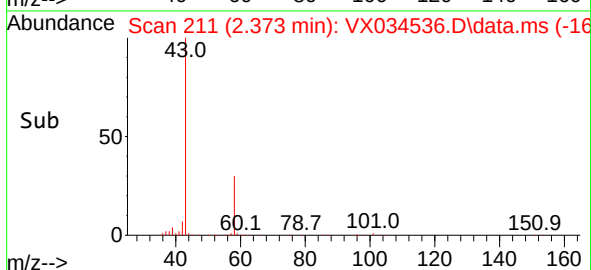
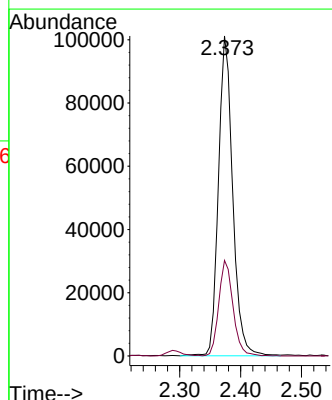
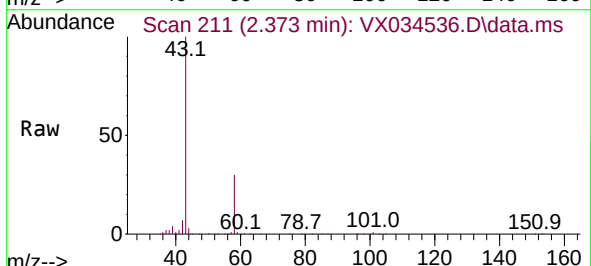
Acq: 16 Mar 2023 11:29

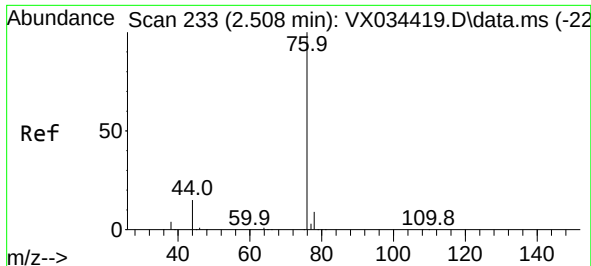
Tgt Ion: 43 Resp: 164438

Ion Ratio Lower Upper

43 100

58 29.9 24.7 37.1





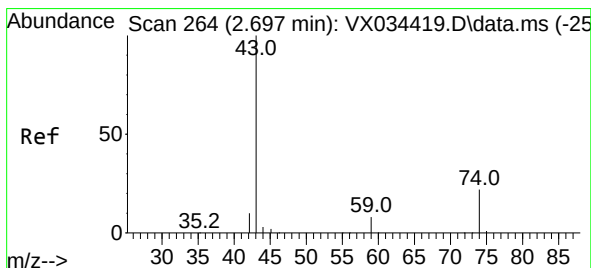
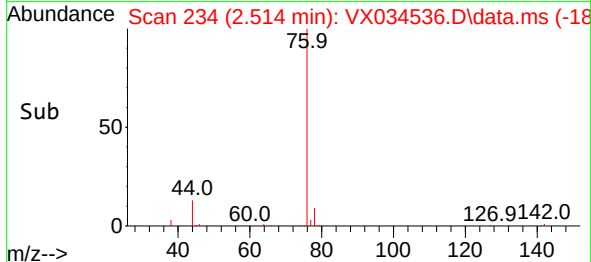
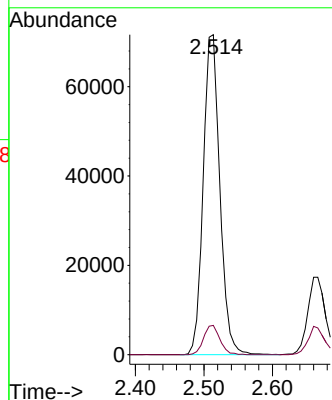
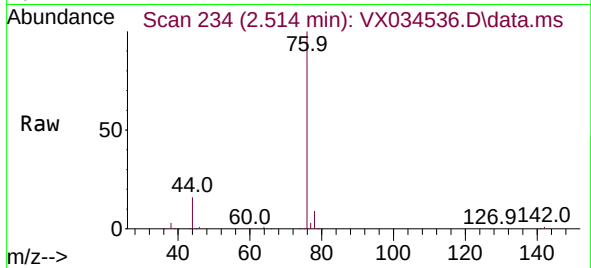
#17
Carbon Disulfide
Concen: 14.832 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 76 Resp: 12093
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

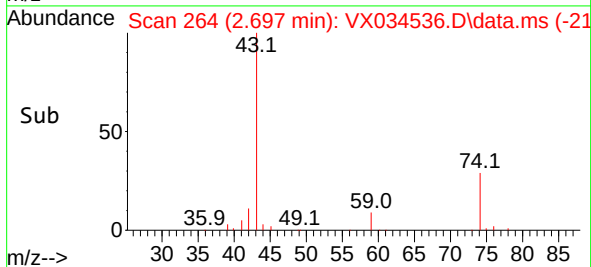
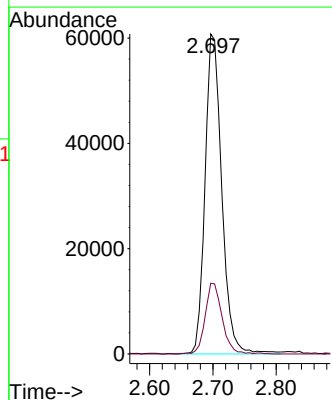
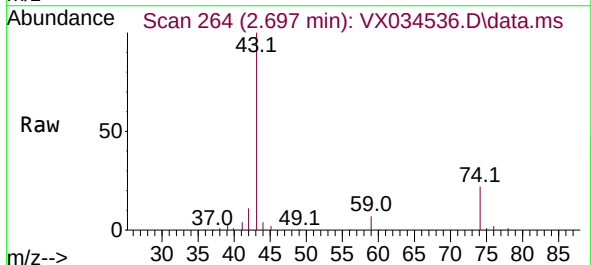
Manual Integrations
APPROVED

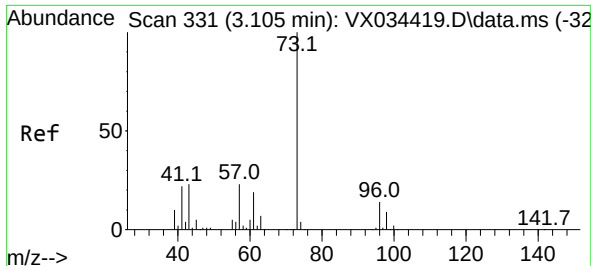
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#18
Methyl Acetate
Concen: 18.909 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 43 Resp: 112059
Ion Ratio Lower Upper
43 100
74 22.3 18.3 27.5





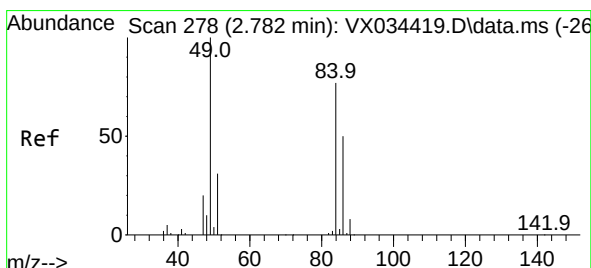
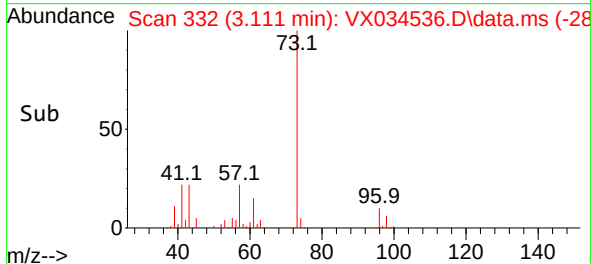
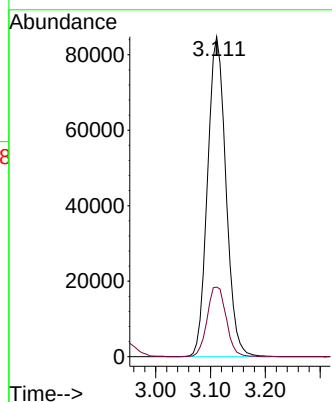
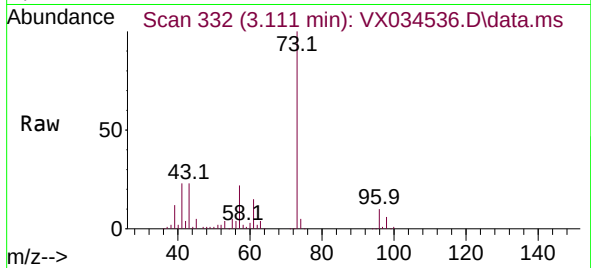
#19
Methyl tert-butyl Ether
Concen: 18.999 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 73 Resp: 197089
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

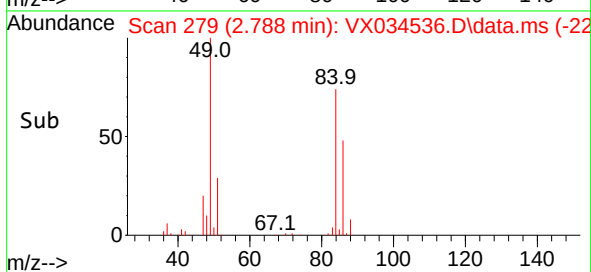
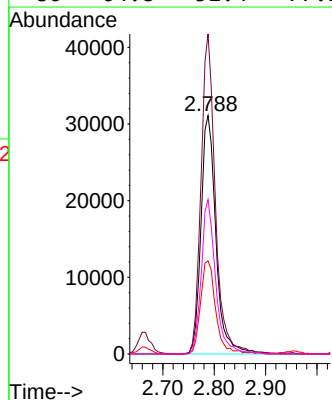
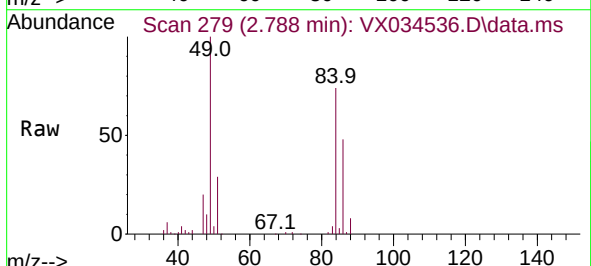
Manual Integrations
APPROVED

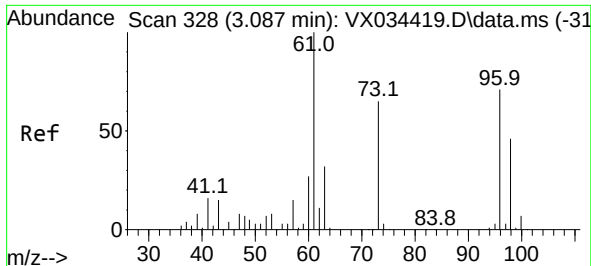
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#20
Methylene Chloride
Concen: 17.849 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

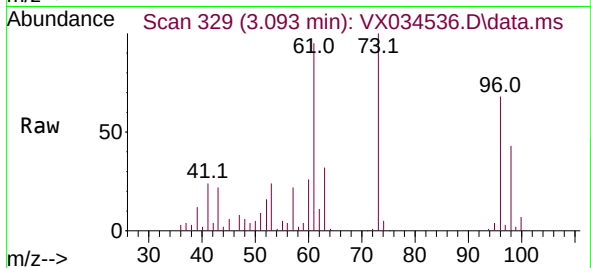
Tgt Ion: 84 Resp: 62826
Ion Ratio Lower Upper
84 100
49 134.3 103.8 155.8
51 39.1 31.8 47.8
86 64.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 17.854 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

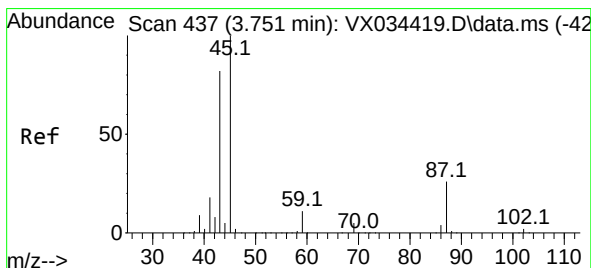
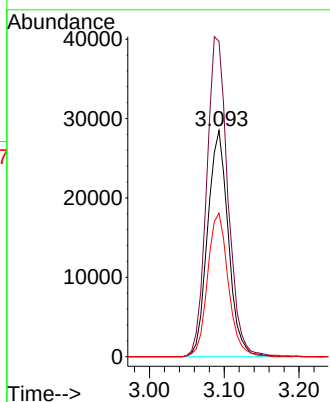
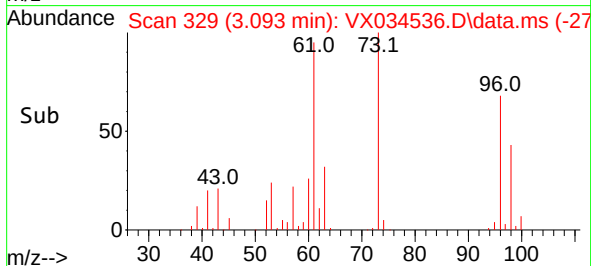
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



Tgt Ion: 96 Resp: 54934
Ion Ratio Lower Upper
96 100
61 139.5 113.0 169.6
98 63.5 52.1 78.1

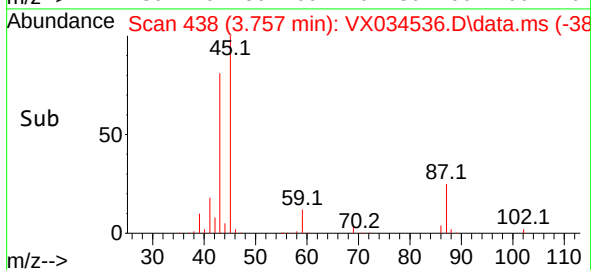
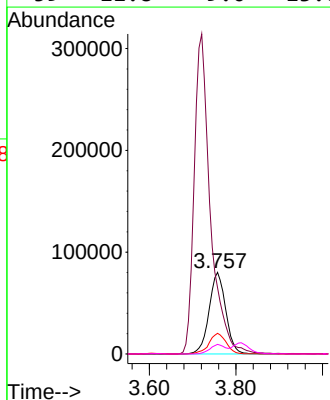
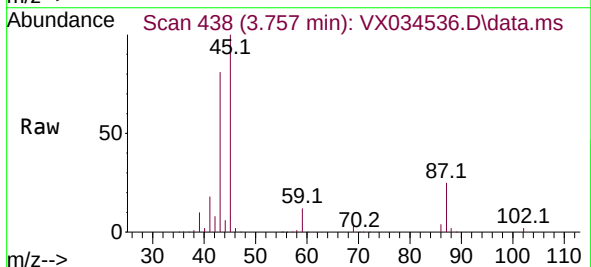
Manual Integrations
APPROVED

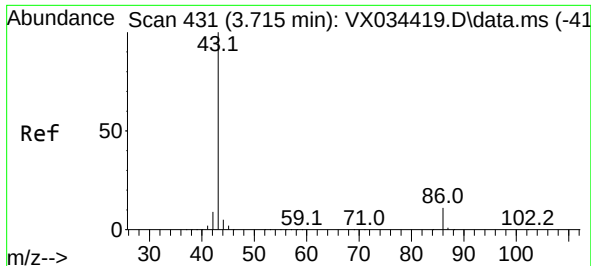
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#22
Diisopropyl ether
Concen: 19.109 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

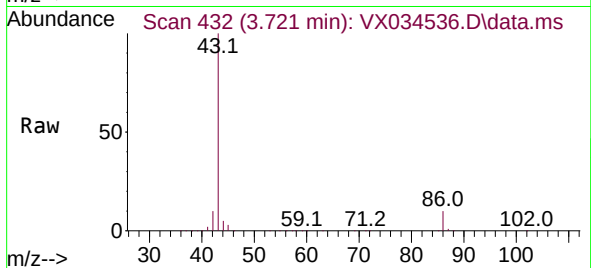
Tgt Ion: 45 Resp: 214002
Ion Ratio Lower Upper
45 100
43 81.2 65.4 98.2
87 25.3 20.6 31.0
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 95.861 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034536.D
 Acq: 16 Mar 2023 11:29

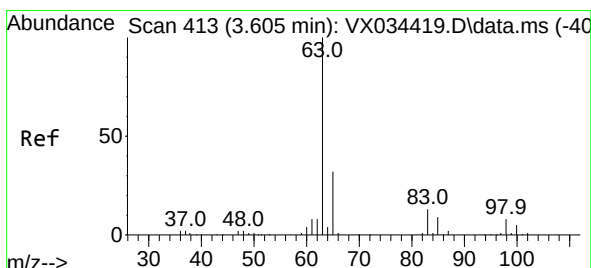
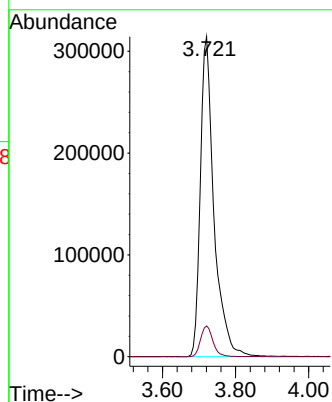
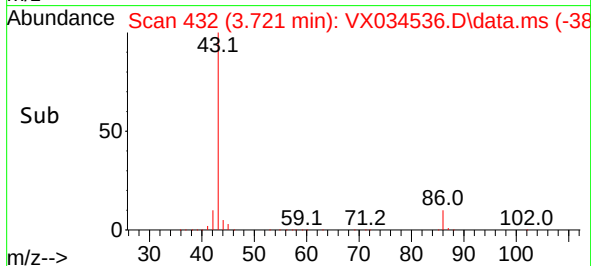
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01



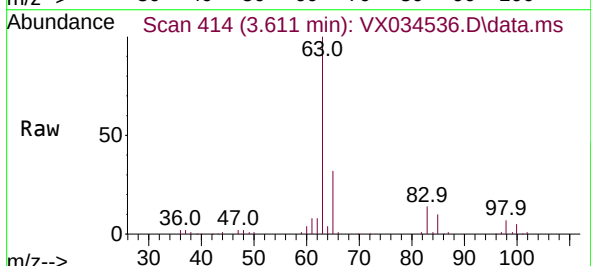
Tgt Ion: 43 Resp: 817044
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

Manual Integrations
 APPROVED

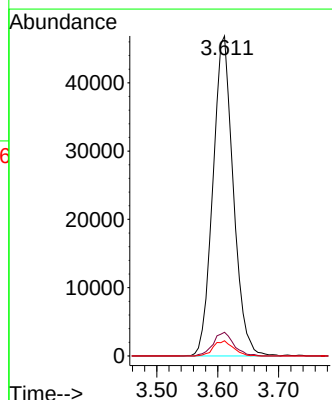
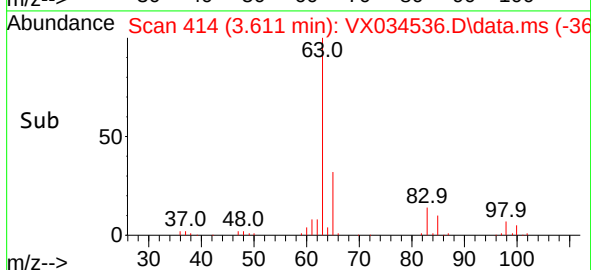
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

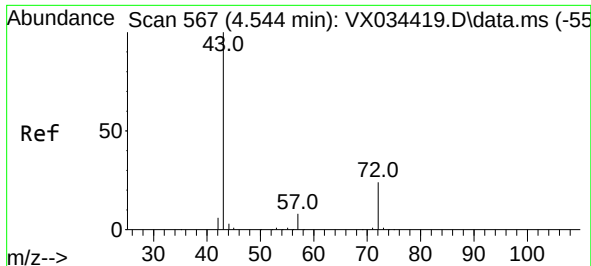


#24
 1,1-Dichloroethane
 Concen: 18.099 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034536.D
 Acq: 16 Mar 2023 11:29



Tgt Ion: 63 Resp: 108957
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.7 2.4 7.1





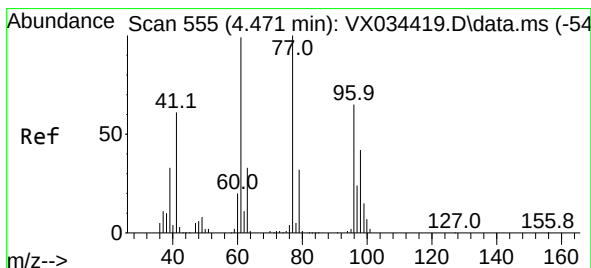
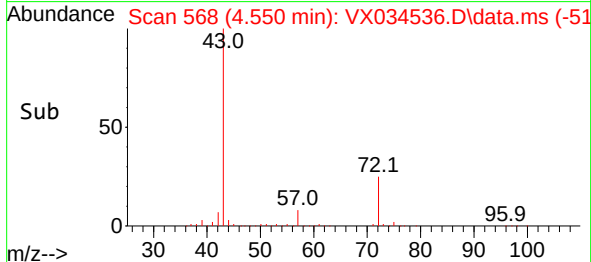
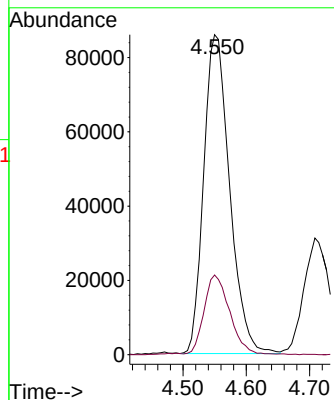
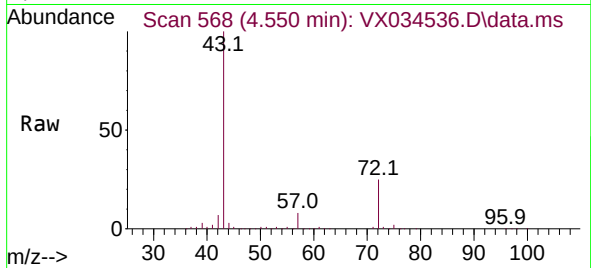
#25
2-Butanone
Concen: 94.269 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 43 Resp: 244630
Ion Ratio Lower Upper
43 100
72 24.7 19.3 28.9

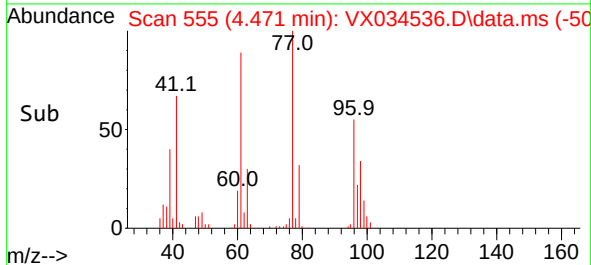
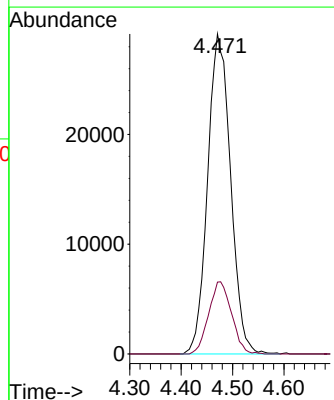
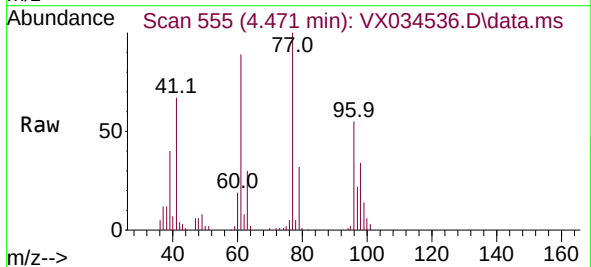
Manual Integrations
APPROVED

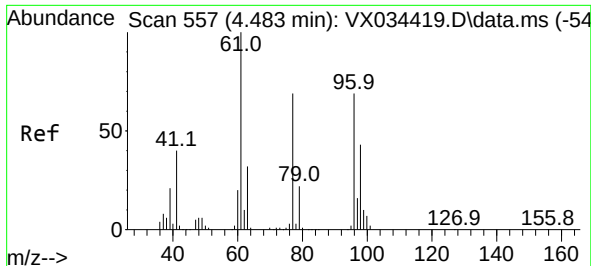
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
2,2-Dichloropropane
Concen: 17.272 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 77 Resp: 90383
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.321 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 96 Resp: 67862

Ion Ratio Lower Upper

96 100

61 149.5 0.0 300.4

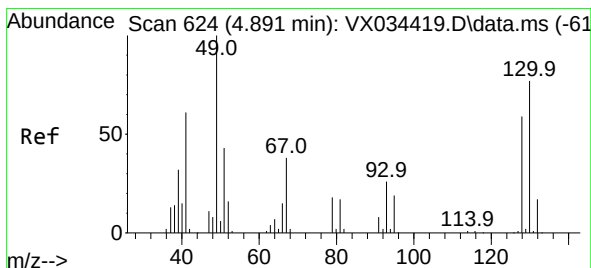
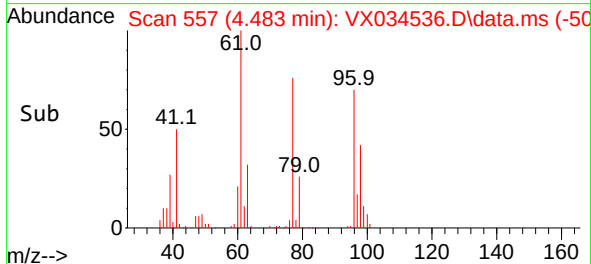
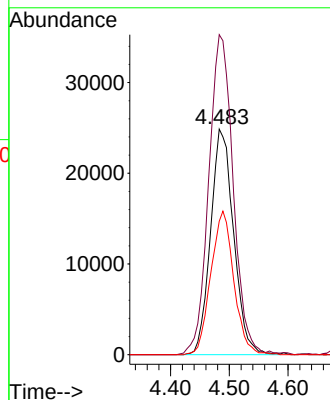
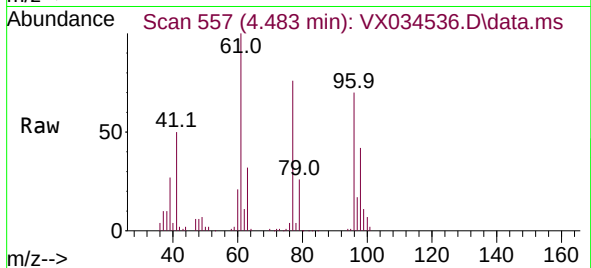
98 63.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#28

Bromochloromethane

Concen: 20.300 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

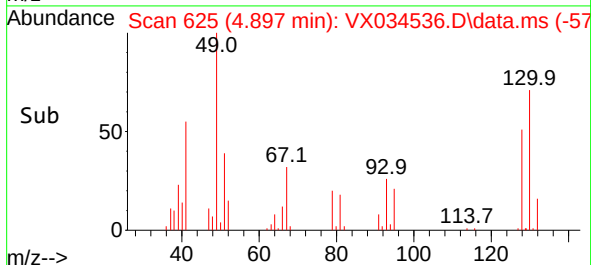
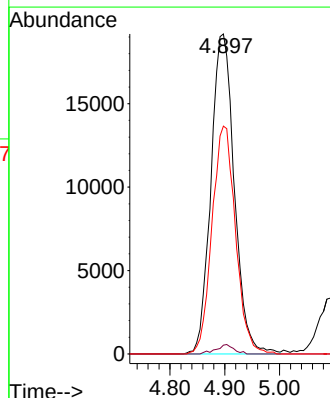
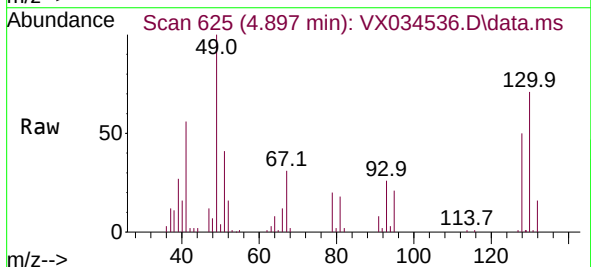
Tgt Ion: 49 Resp: 56824

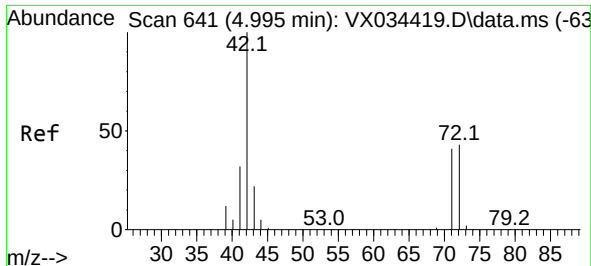
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 71.6 58.2 87.2





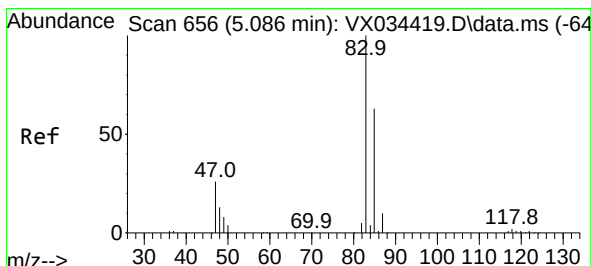
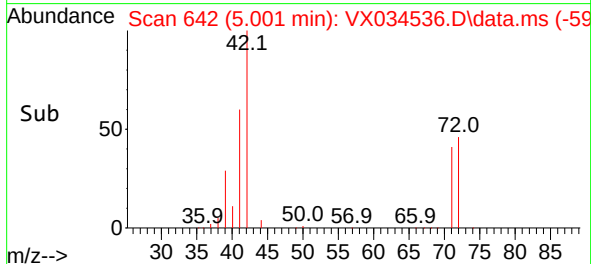
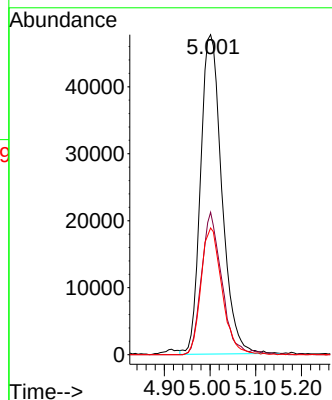
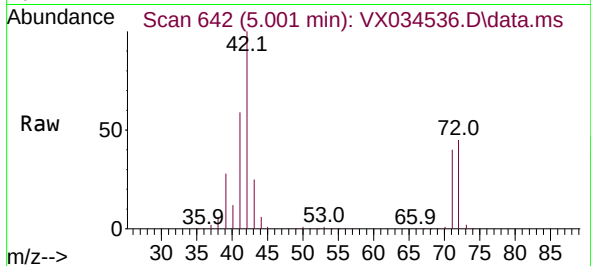
#29
Tetrahydrofuran
Concen: 96.248 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 42 Resp: 15412
Ion Ratio Lower Upper
42 100
72 42.0 34.5 51.7
71 39.3 32.1 48.1

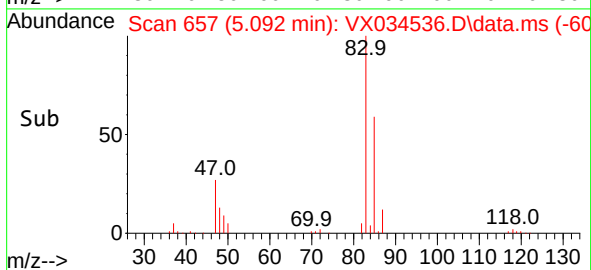
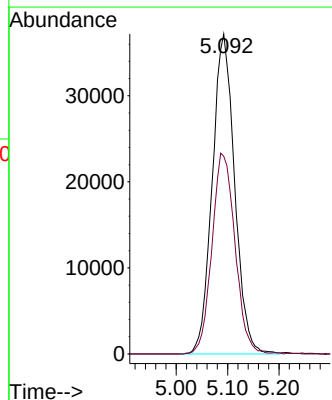
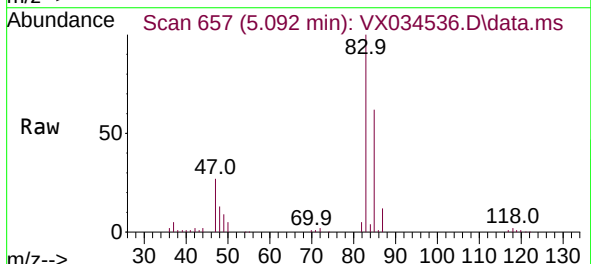
Manual Integrations
APPROVED

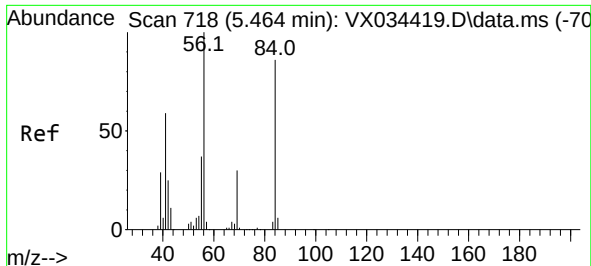
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#30
Chloroform
Concen: 19.044 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

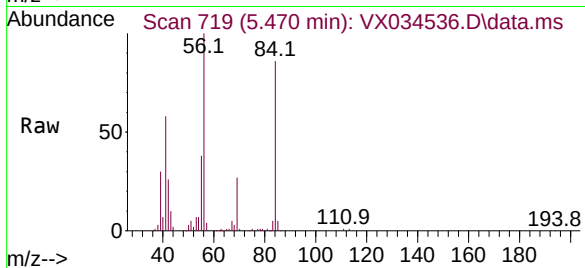
Tgt Ion: 83 Resp: 112383
Ion Ratio Lower Upper
83 100
85 61.8 50.6 76.0





#31
Cyclohexane
Concen: 17.963 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

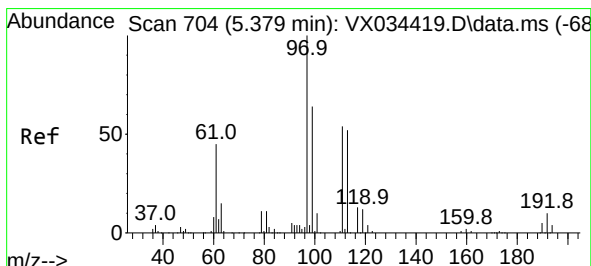
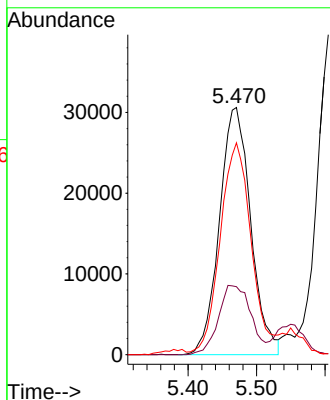
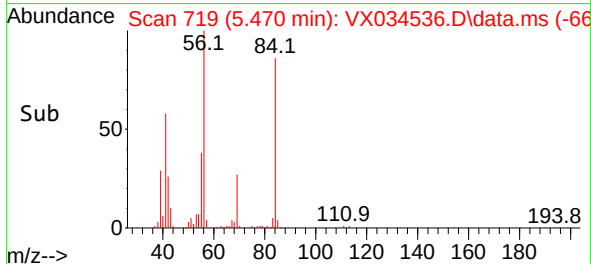
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



Tgt Ion: 56 Resp: 9699
Ion Ratio Lower Upper
56 100
69 27.5 23.7 35.5
84 84.1 68.5 102.7

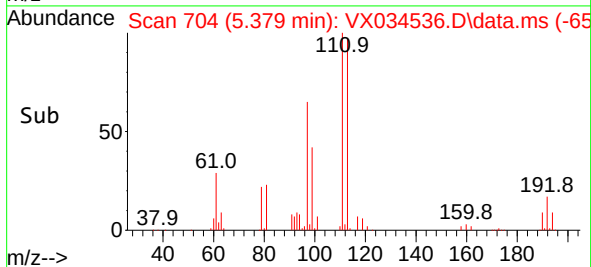
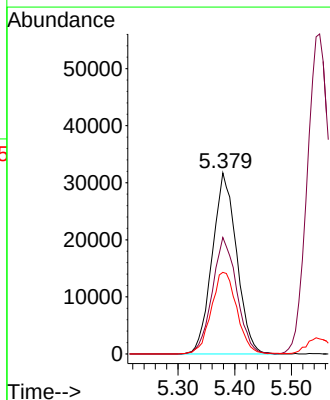
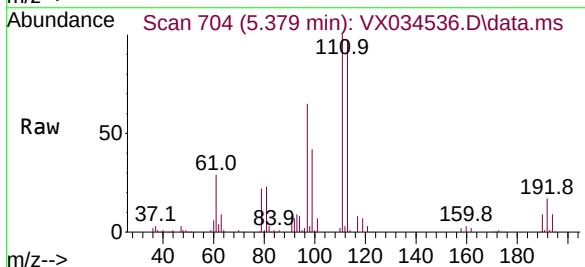
Manual Integrations
APPROVED

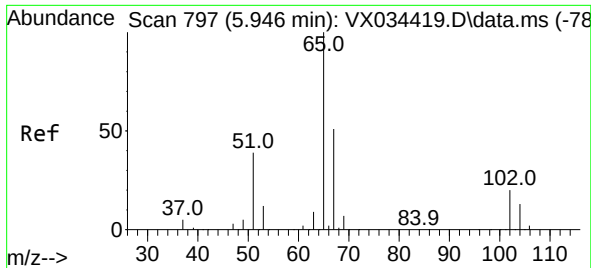
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#32
1,1,1-Trichloroethane
Concen: 18.118 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 97 Resp: 94648
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 47.3 36.5 54.7





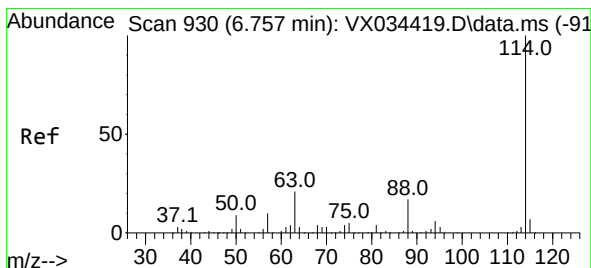
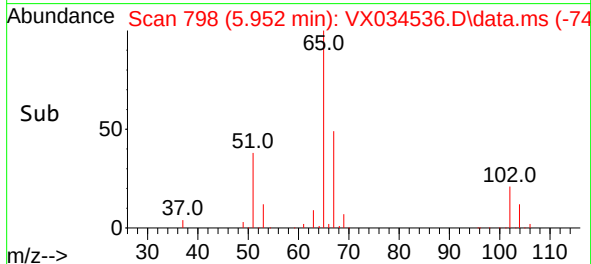
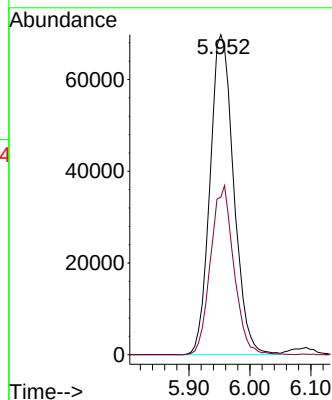
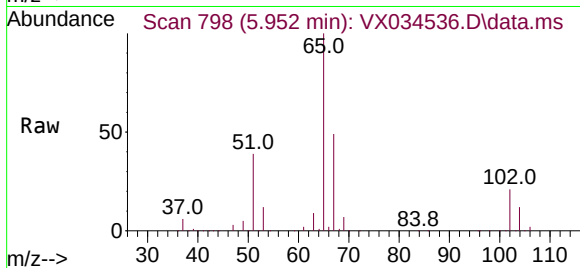
#33
 1,2-Dichloroethane-d4
 Concen: 49.106 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034536.D
 Acq: 16 Mar 2023 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion: 65 Resp: 18906
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0

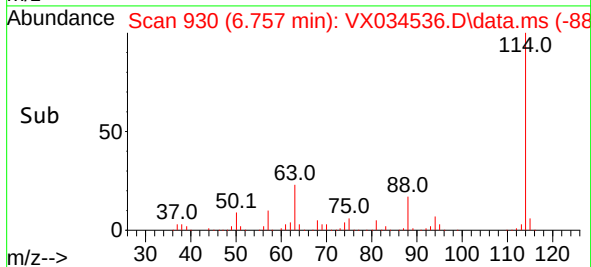
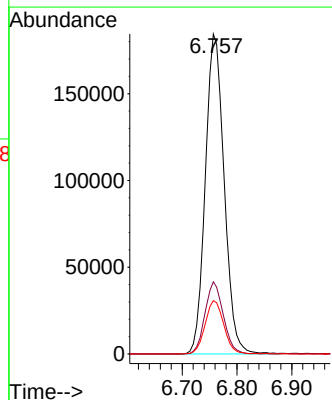
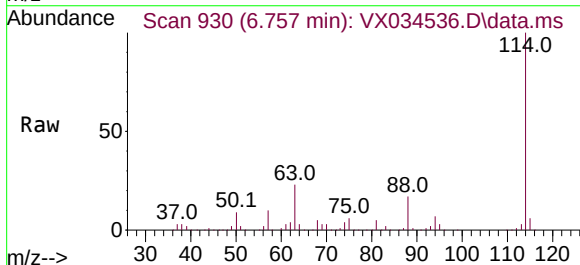
Manual Integrations
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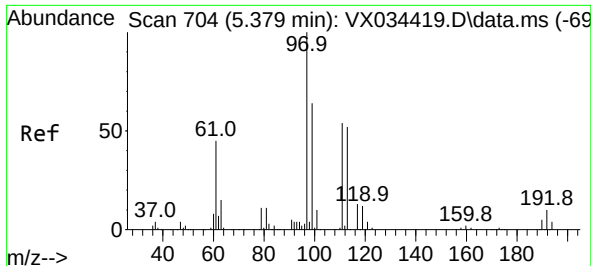
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX034536.D
 Acq: 16 Mar 2023 11:29

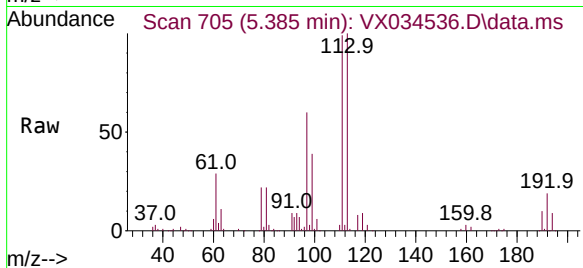
Tgt Ion:114 Resp: 439734
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 42.2
 88 16.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 48.726 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

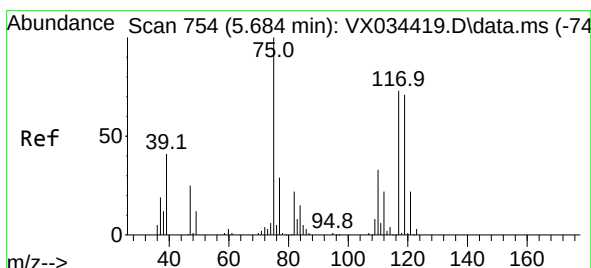
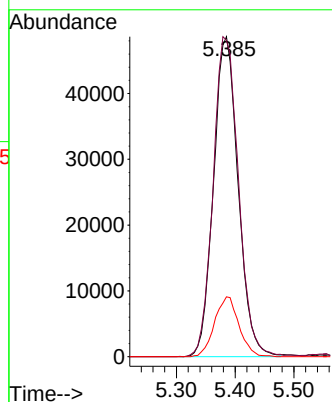
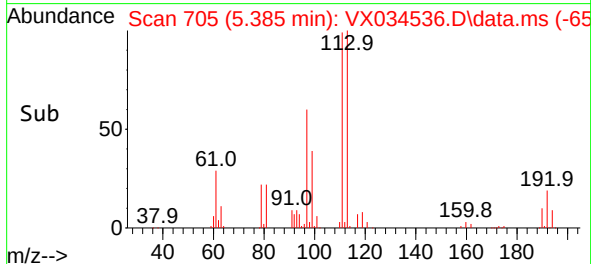
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



Tgt Ion:113 Resp: 141468
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.6 15.4 23.2

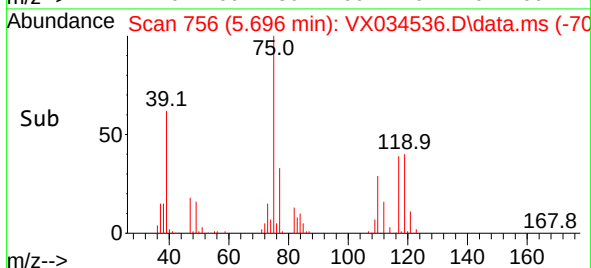
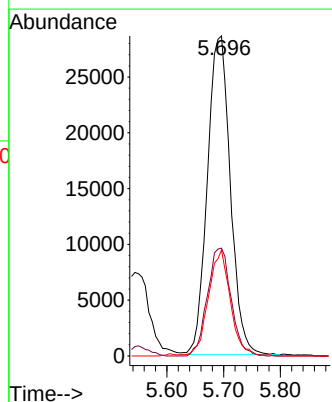
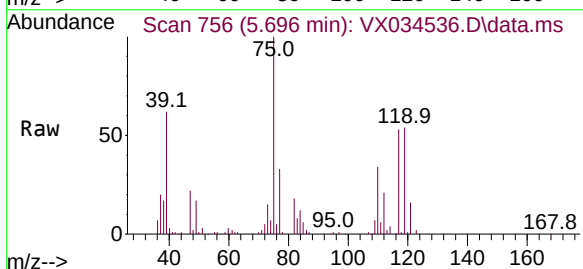
Manual Integrations
APPROVED

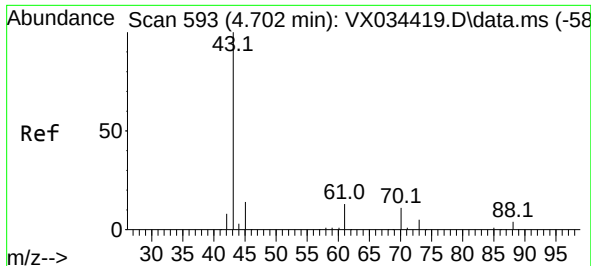
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#36
1,1-Dichloropropene
Concen: 18.037 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 75 Resp: 80431
Ion Ratio Lower Upper
75 100
110 34.9 17.5 52.5
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 18.921 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

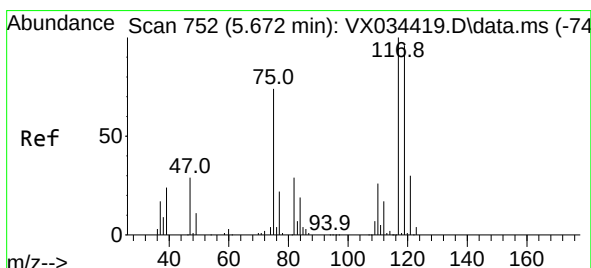
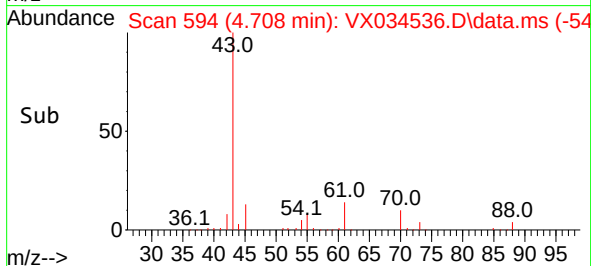
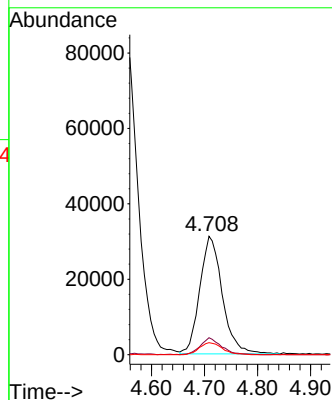
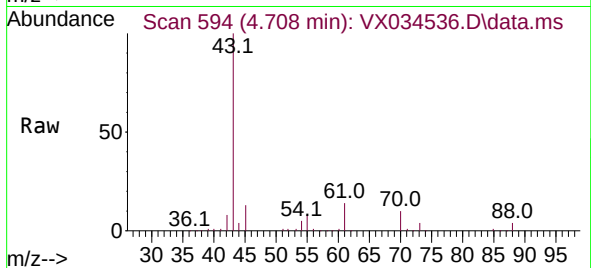
Tgt Ion: 43	Resp: 9217
Ion Ratio	Lower Upper
43 100	
61 13.3	10.2 15.4
70 10.3	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#38

Carbon Tetrachloride

Concen: 17.936 ug/l

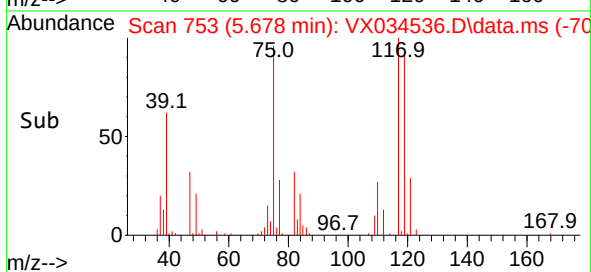
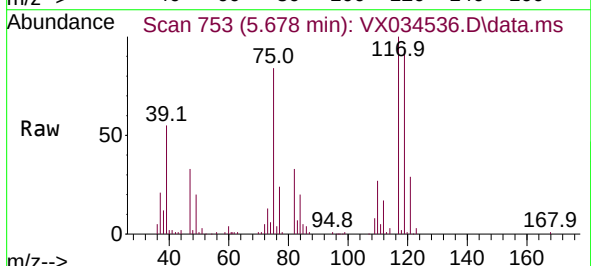
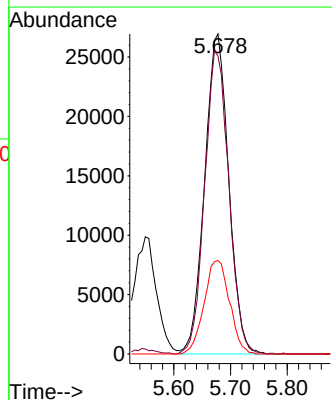
RT: 5.678 min Scan# 753

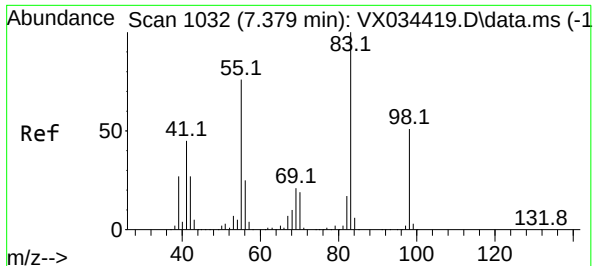
Delta R.T. 0.006 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Tgt Ion: 117	Resp: 79570
Ion Ratio	Lower Upper
117 100	
119 93.1	76.6 114.8
121 29.2	23.8 35.6





#39

Methylcyclohexane

Concen: 18.006 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

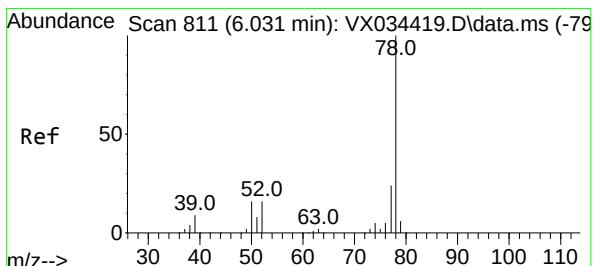
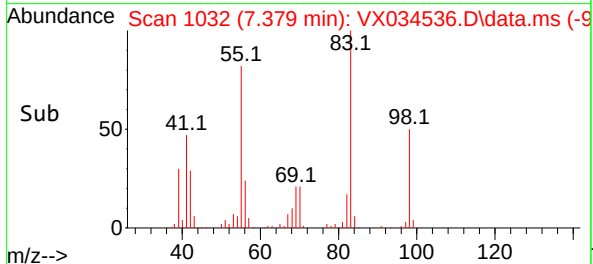
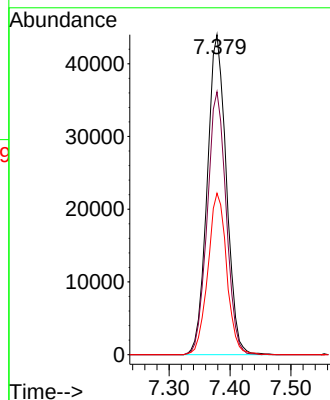
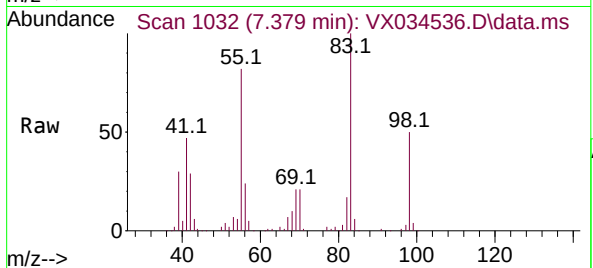
Tgt Ion: 83	Resp: 9609
Ion Ratio	Lower Upper
83 100	
55 82.1	60.5 90.7
98 50.5	40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#40

Benzene

Concen: 18.514 ug/l

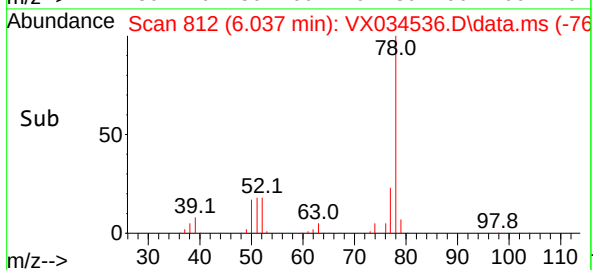
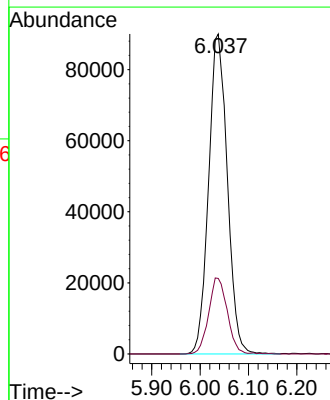
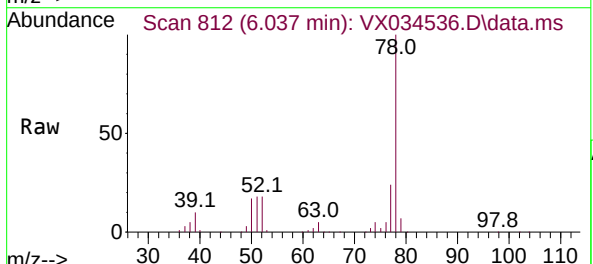
RT: 6.037 min Scan# 812

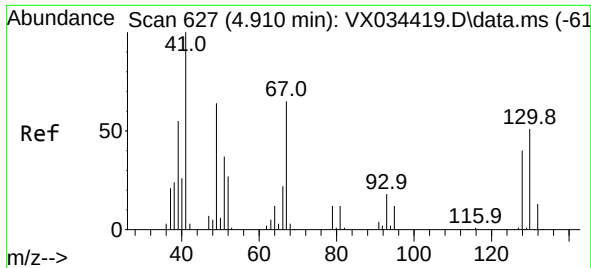
Delta R.T. 0.006 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Tgt Ion: 78	Resp: 241518
Ion Ratio	Lower Upper
78 100	
77 23.6	19.0 28.4





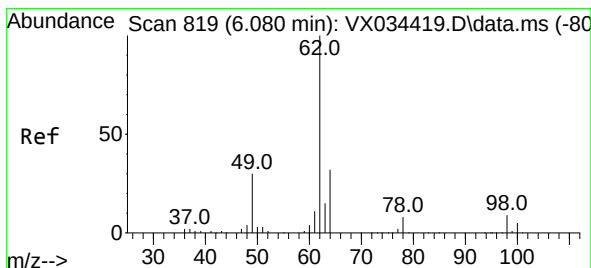
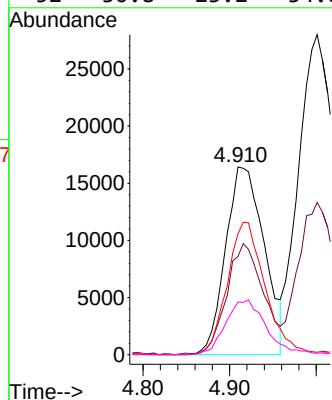
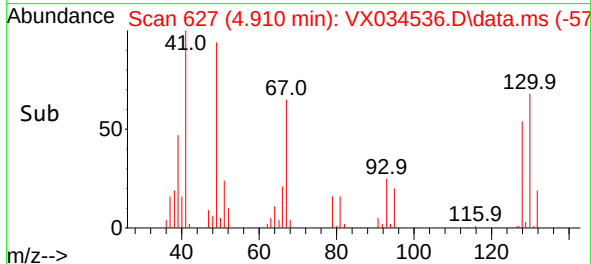
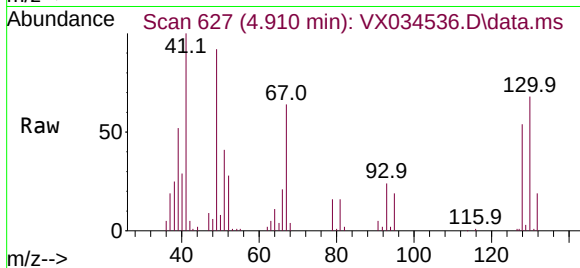
#41
Methacrylonitrile
Concen: 19.111 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 41	Resp: 5102
Ion Ratio	Lower Upper
41 100	
39 56.5	45.0 67.6
67 68.7	55.6 83.4
52 30.8	23.2 34.8

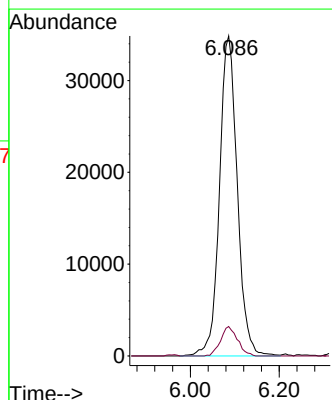
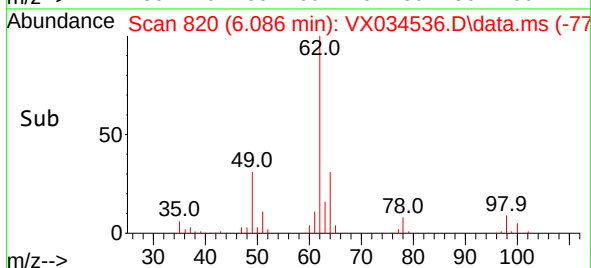
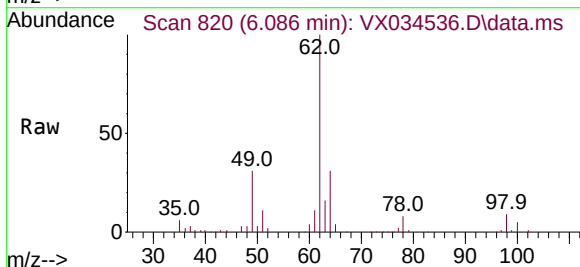
Manual Integrations
APPROVED

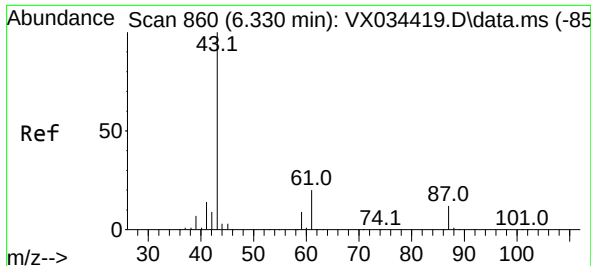
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#42
1,2-Dichloroethane
Concen: 20.143 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 62	Resp: 96575
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 18.0





#43

Isopropyl Acetate

Concen: 18.851 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 43 Resp: 155579

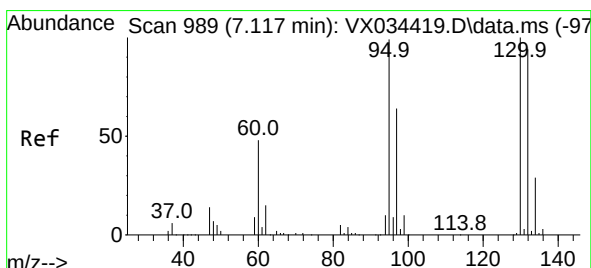
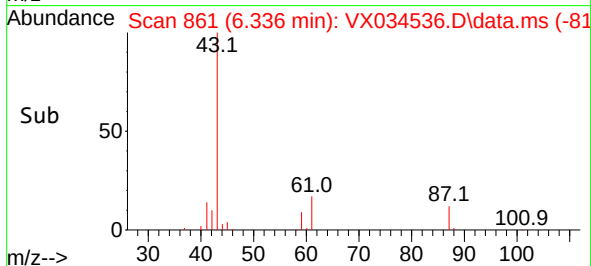
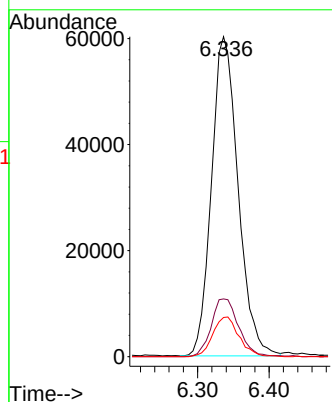
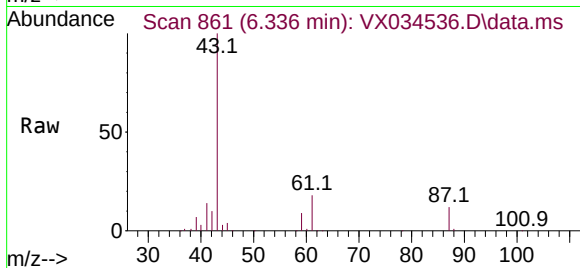
Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.2	22.8
87	12.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#44

Trichloroethene

Concen: 18.027 ug/l

RT: 7.123 min Scan# 990

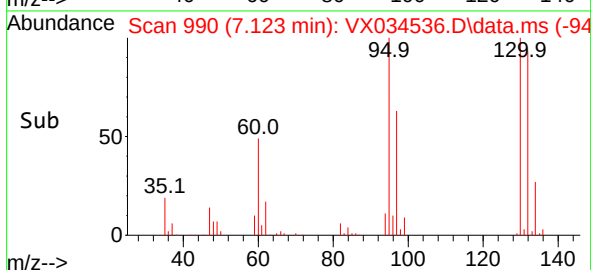
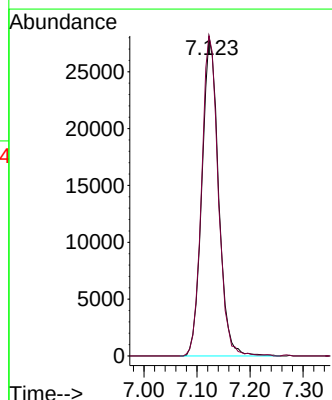
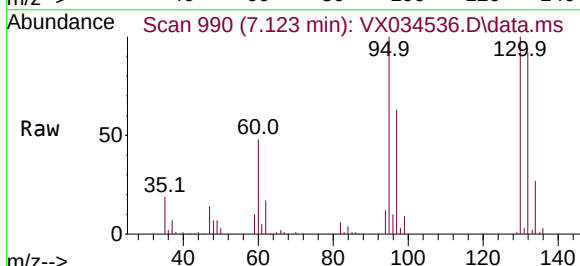
Delta R.T. 0.006 min

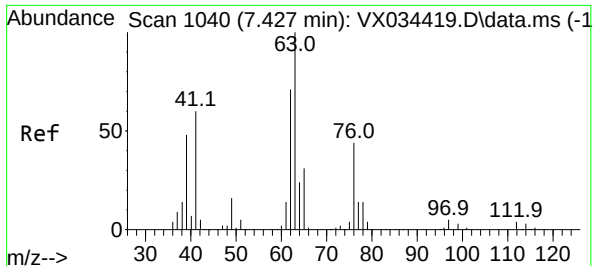
Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Tgt Ion:130 Resp: 61102

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	198.4





#45

1,2-Dichloropropane

Concen: 18.929 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 63 Resp: 64470

Ion Ratio Lower Upper

63 100

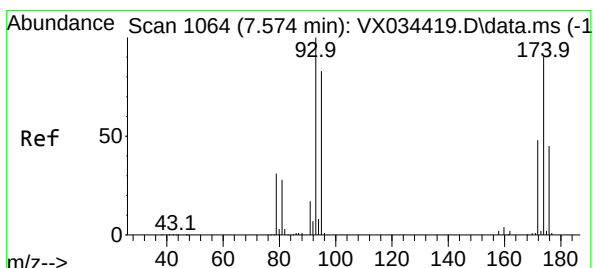
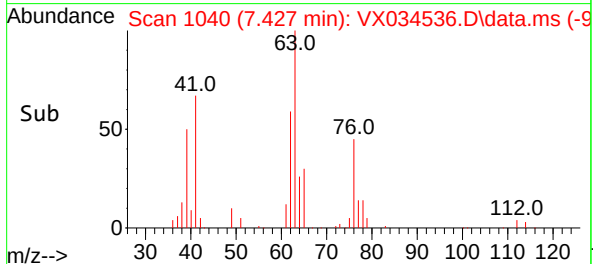
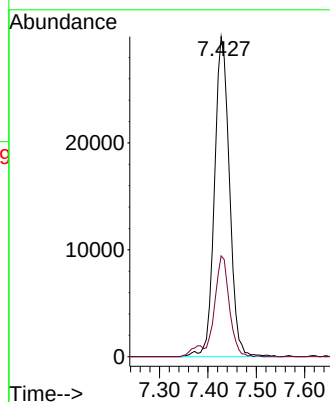
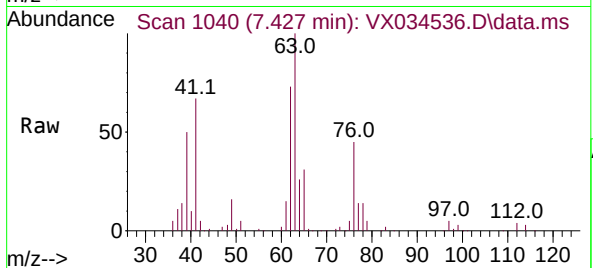
65 31.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#46

Dibromomethane

Concen: 18.989 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

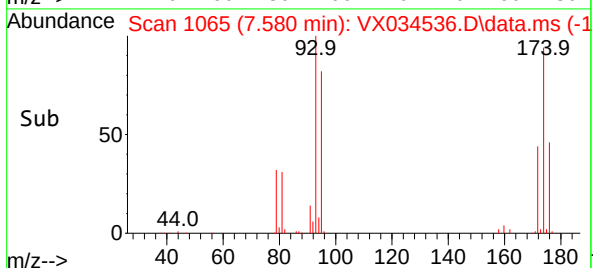
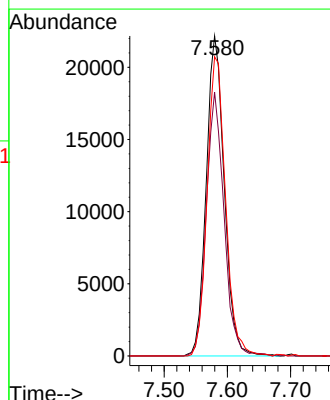
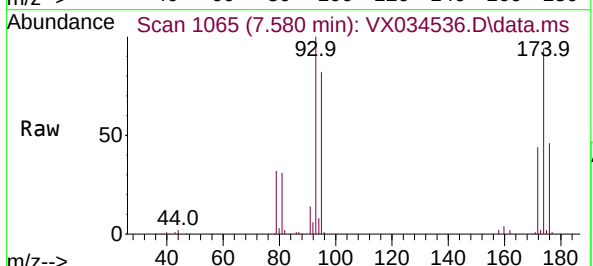
Tgt Ion: 93 Resp: 43972

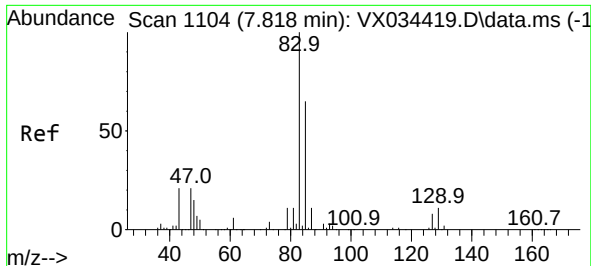
Ion Ratio Lower Upper

93 100

95 81.0 66.9 100.3

174 95.2 75.4 113.0





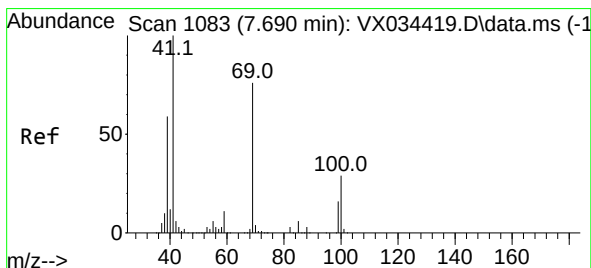
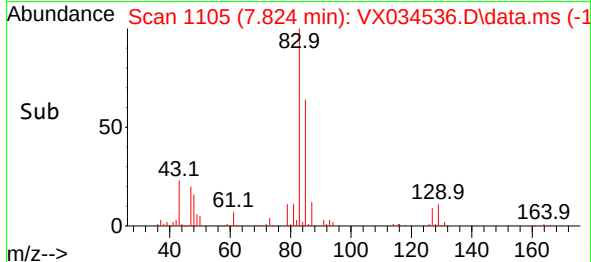
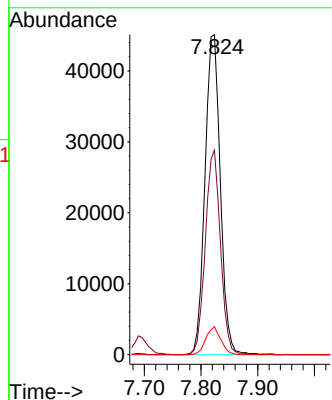
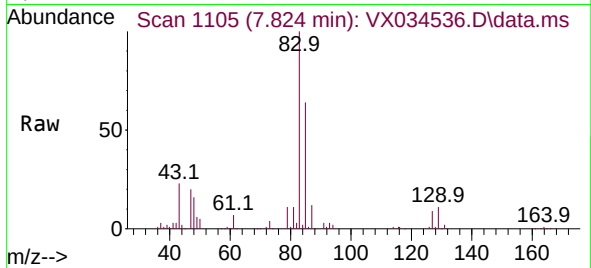
#47
Bromodichloromethane
Concen: 18.954 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 83 Resp: 84949
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4
127 8.7 6.6 9.8

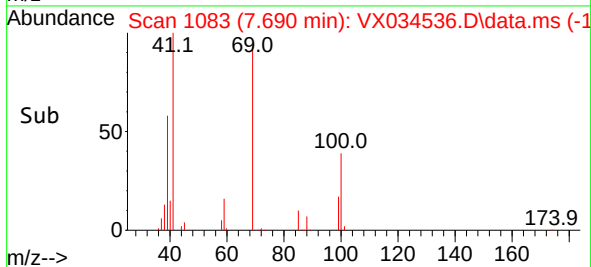
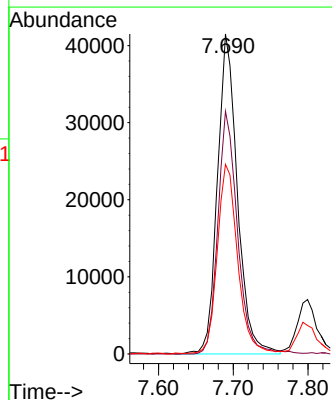
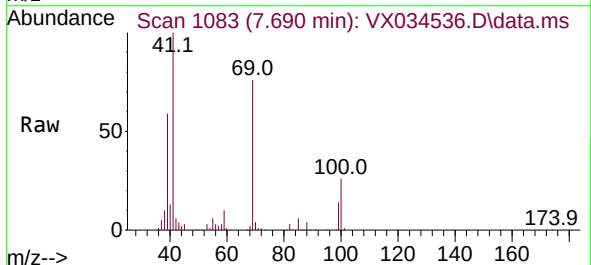
Manual Integrations
APPROVED

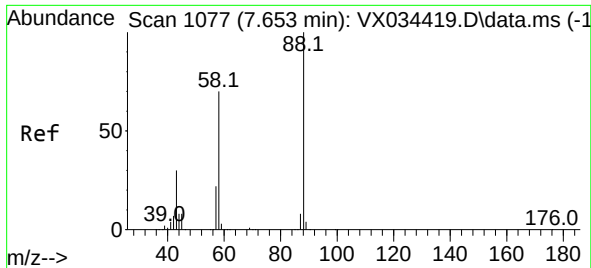
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#48
Methyl methacrylate
Concen: 19.448 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

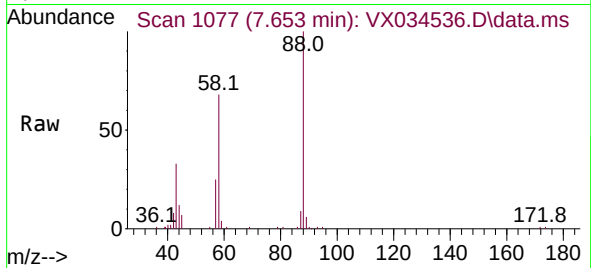
Tgt Ion: 41 Resp: 77192
Ion Ratio Lower Upper
41 100
69 74.7 62.2 93.4
39 60.1 47.7 71.5





#49
1,4-Dioxane
Concen: 405.294 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

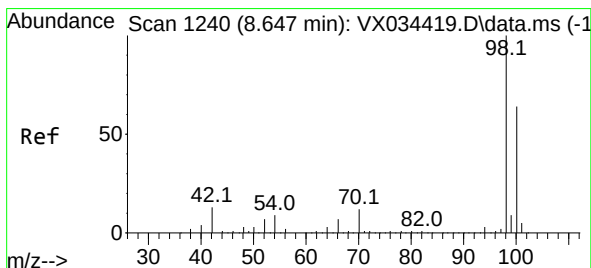
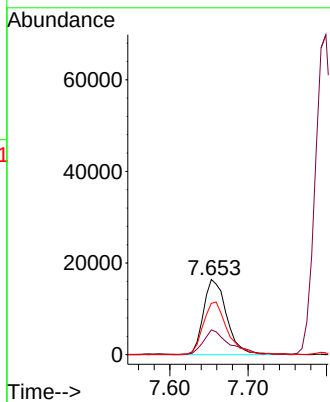
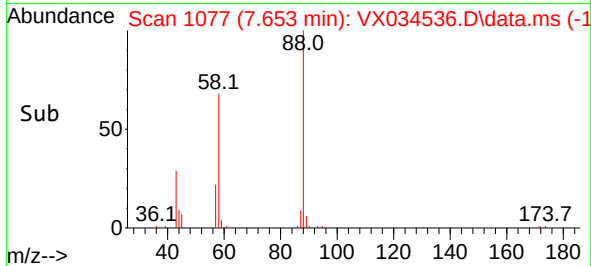
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



Tgt Ion: 88 Resp: 33789
Ion Ratio Lower Upper
88 100
43 36.3 27.7 41.5
58 71.4 56.8 85.2

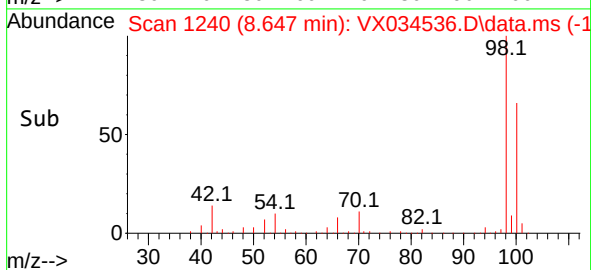
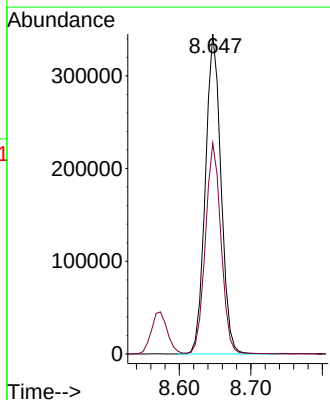
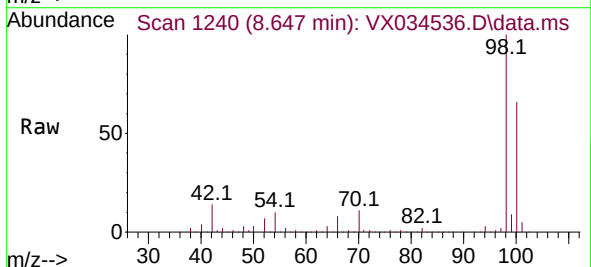
Manual Integrations
APPROVED

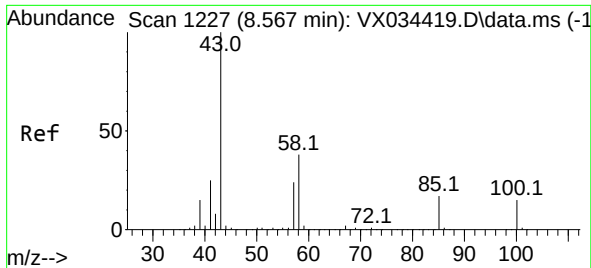
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#50
Toluene-d8
Concen: 48.186 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

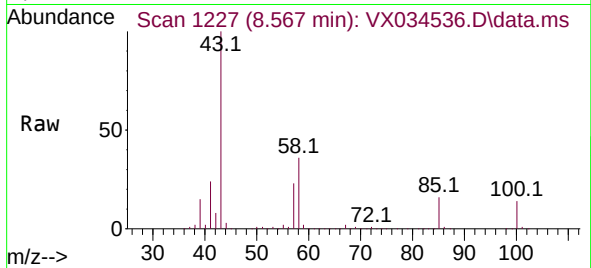
Tgt Ion: 98 Resp: 522261
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 100.674 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

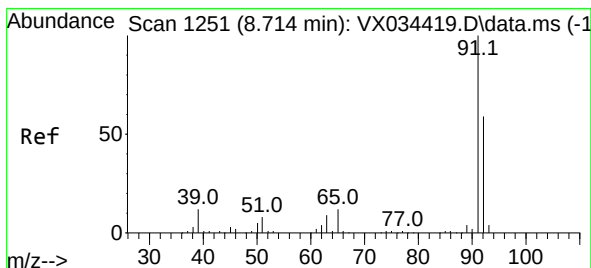
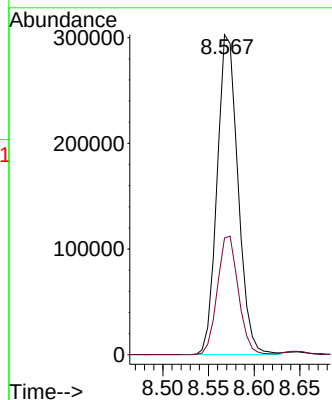
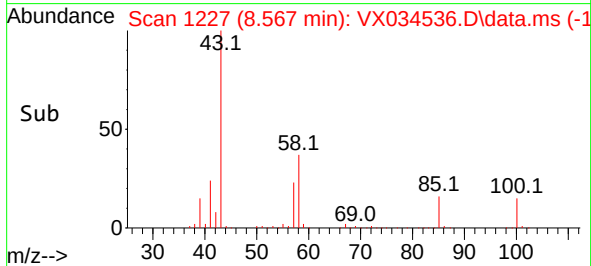
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



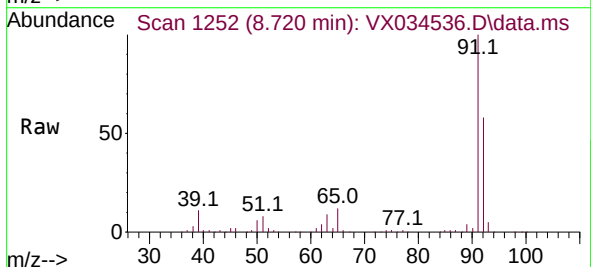
Tgt Ion: 43 Resp: 481989
Ion Ratio Lower Upper
43 100
58 37.3 30.6 46.0

Manual Integrations
APPROVED

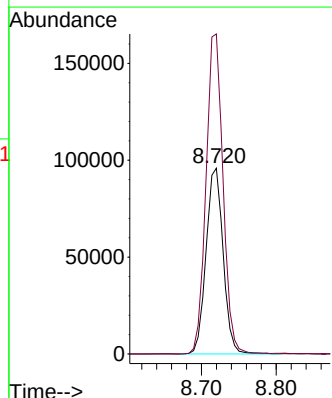
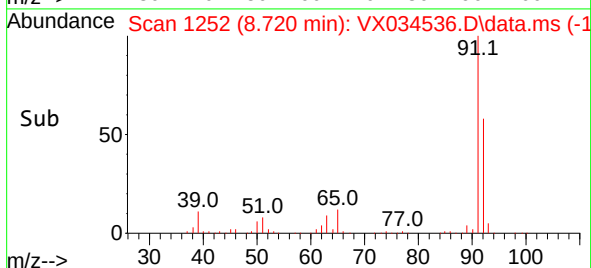
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

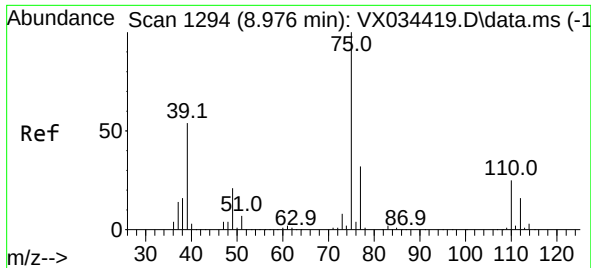


#52
Toluene
Concen: 18.837 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29



Tgt Ion: 92 Resp: 152135
Ion Ratio Lower Upper
92 100
91 171.6 136.8 205.2





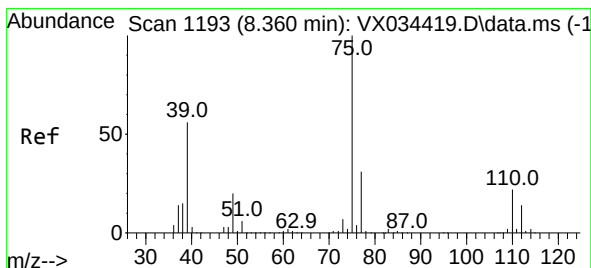
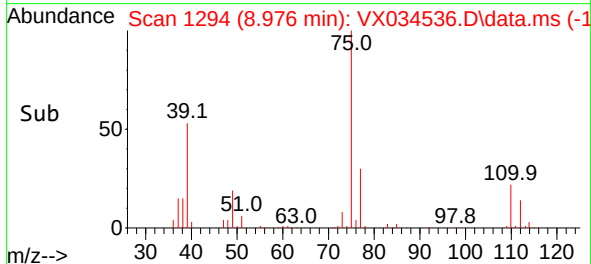
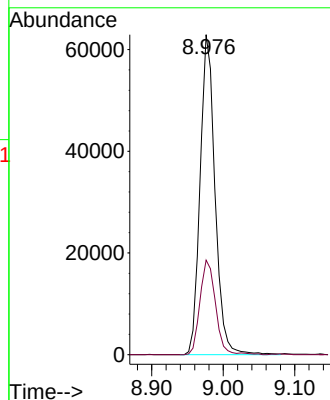
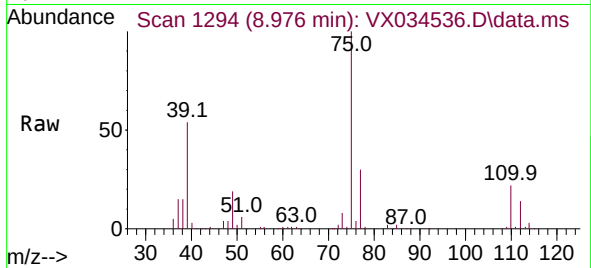
#53
 t-1,3-Dichloropropene
 Concen: 18.071 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX034536.D
 Acq: 16 Mar 2023 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion: 75 Resp: 9124
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.4 38.2

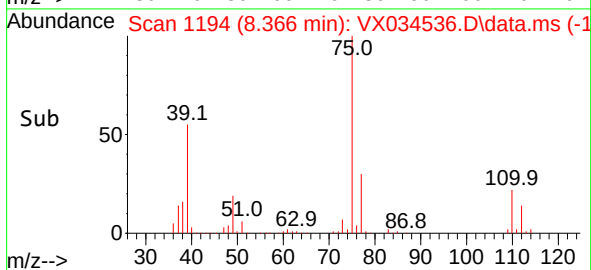
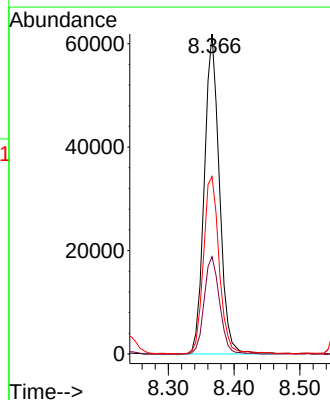
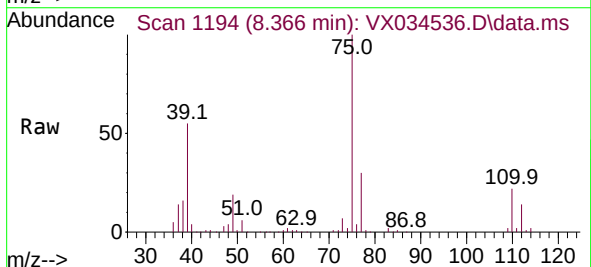
Manual Integrations
 APPROVED

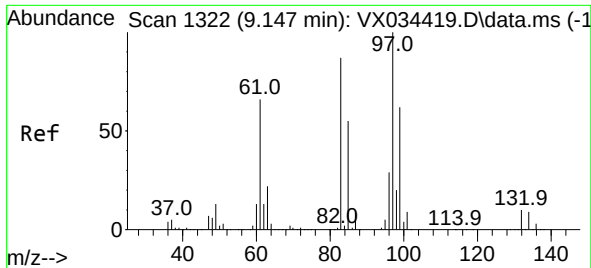
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.059 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX034536.D
 Acq: 16 Mar 2023 11:29

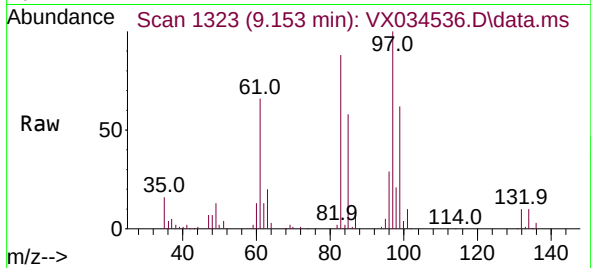
Tgt Ion: 75 Resp: 98652
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.4
 39 55.5 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.722 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

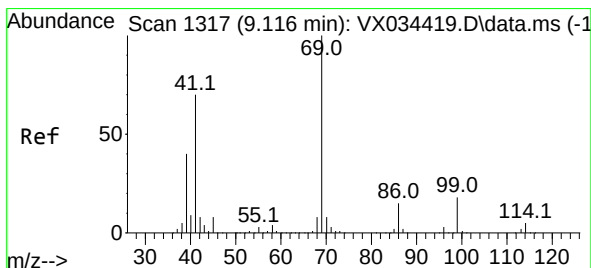
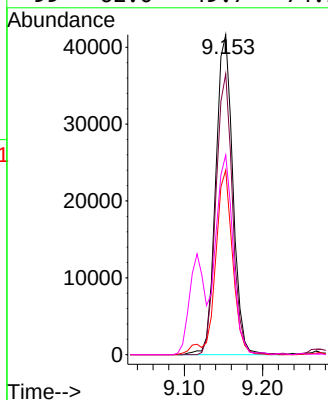
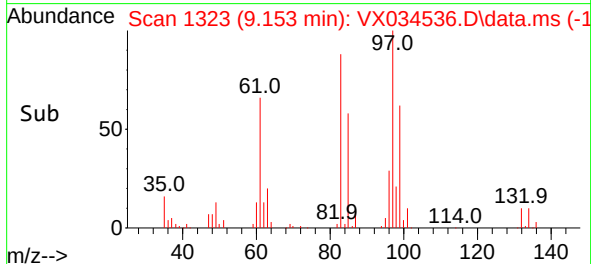


Tgt Ion: 97 Resp: 63214

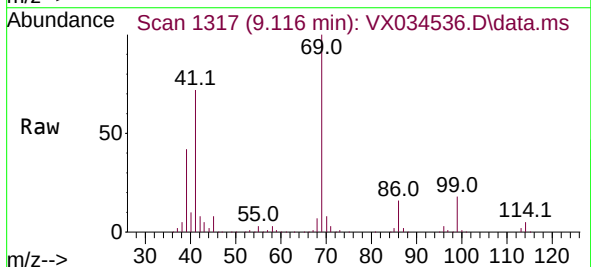
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.7	104.5
85	57.5	43.7	65.5
99	62.0	49.7	74.5

Manual Integrations
APPROVED

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

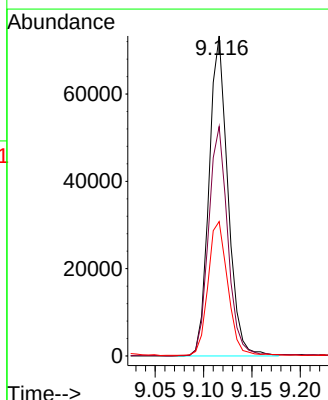
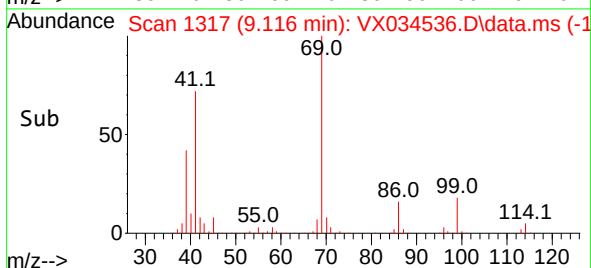


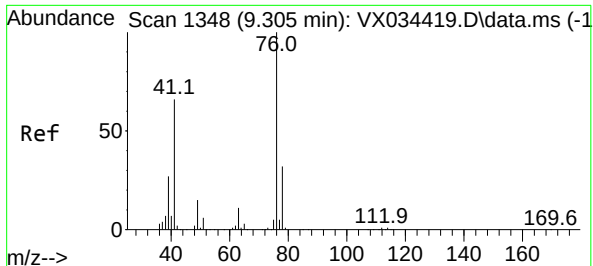
#56
Ethyl methacrylate
Concen: 18.921 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29



Tgt Ion: 69 Resp: 99577

Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.4	86.0
39	44.0	33.7	50.5





#57

1,3-Dichloropropane

Concen: 19.253 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 76 Resp: 109670

Ion Ratio Lower Upper

76 100

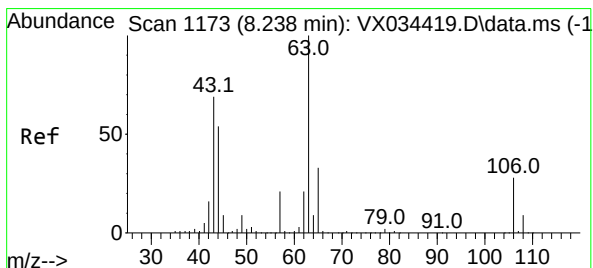
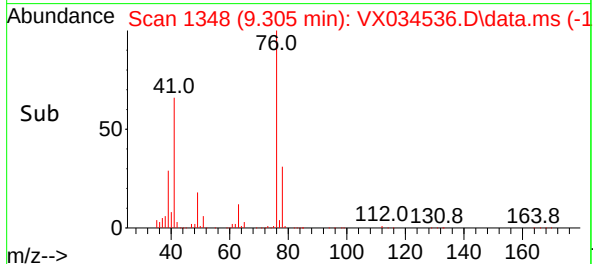
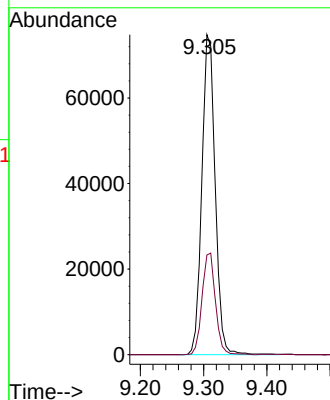
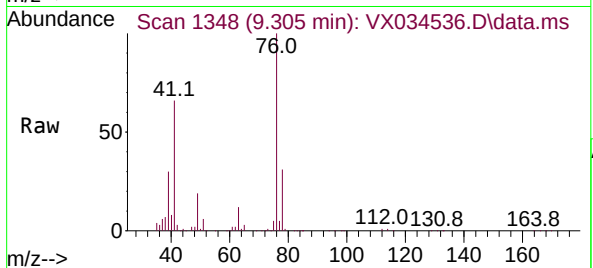
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.646 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034536.D

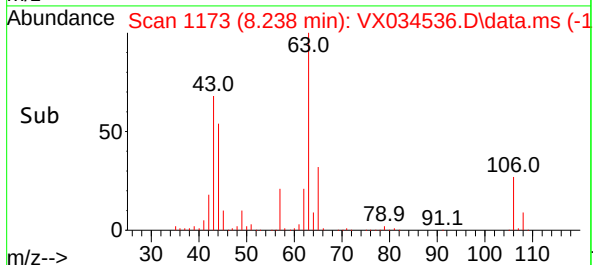
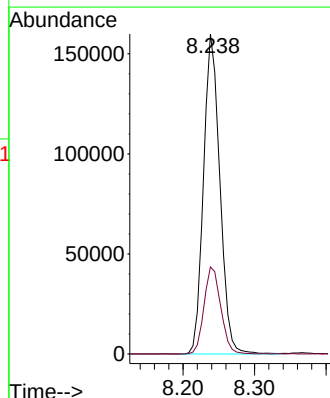
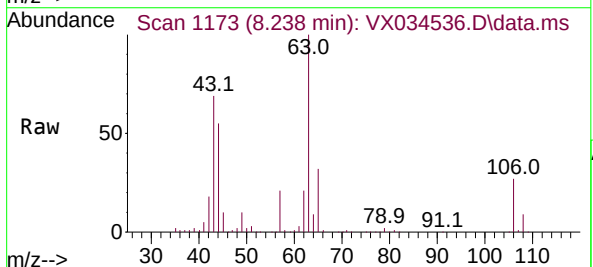
Acq: 16 Mar 2023 11:29

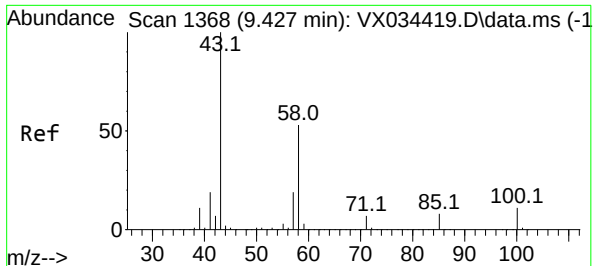
Tgt Ion: 63 Resp: 253981

Ion Ratio Lower Upper

63 100

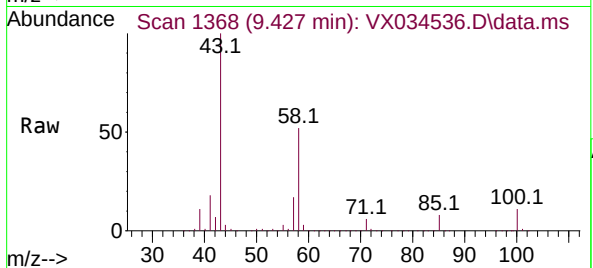
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 98.948 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

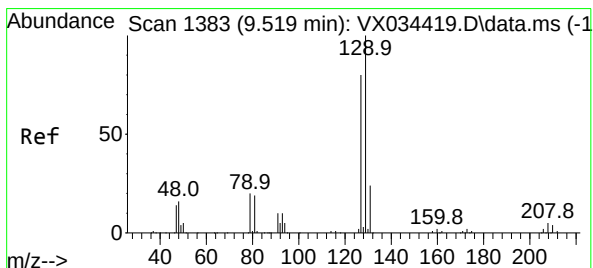
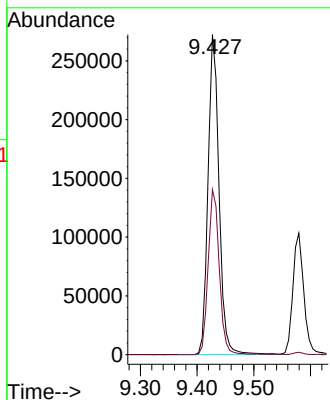
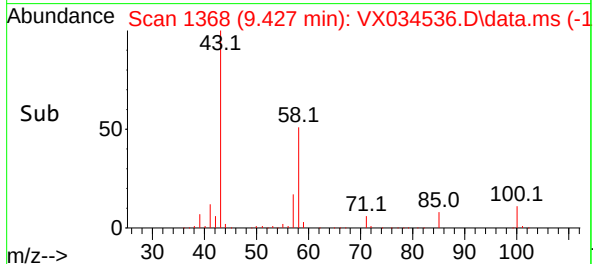
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



Tgt Ion: 43 Resp: 366198
Ion Ratio Lower Upper
43 100
58 52.3 26.3 78.9

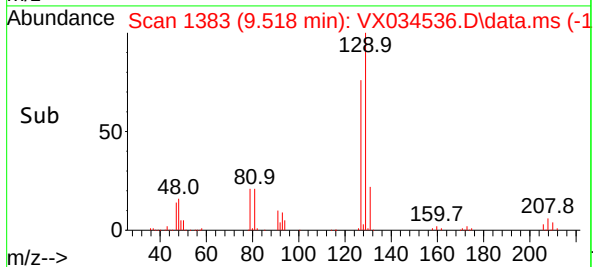
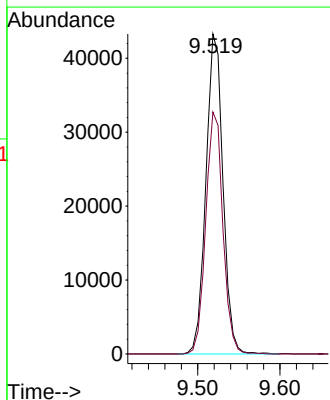
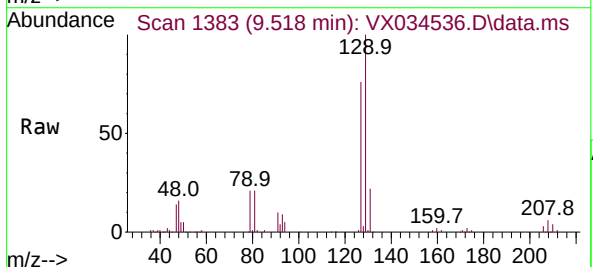
Manual Integrations
APPROVED

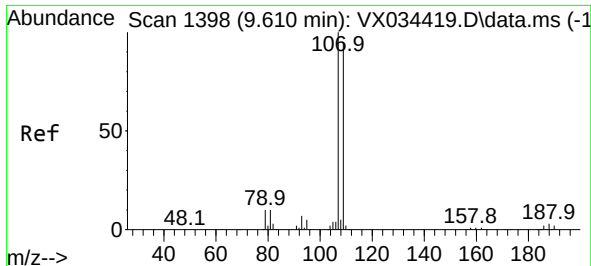
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#60
Dibromochloromethane
Concen: 18.539 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion:129 Resp: 62323
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0





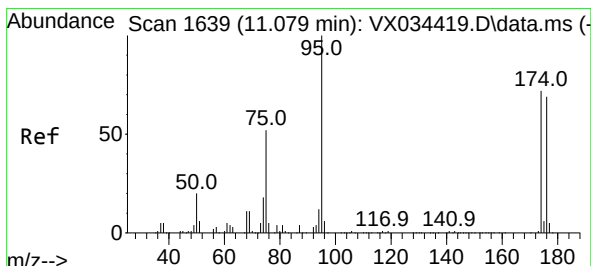
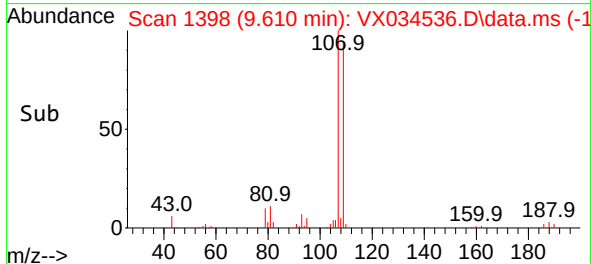
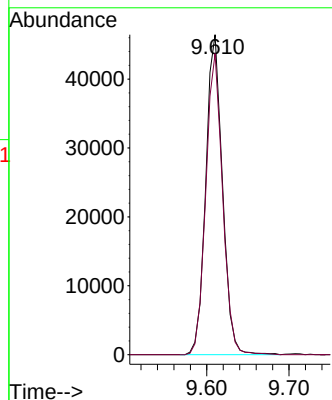
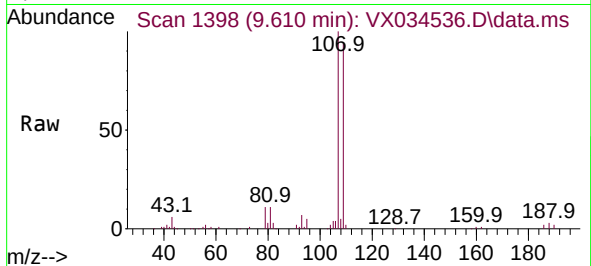
#61
1,2-Dibromoethane
Concen: 18.915 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion:107 Resp: 65424
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9

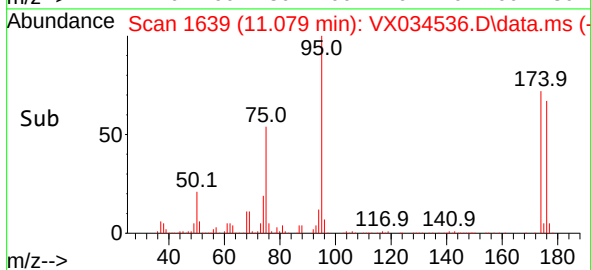
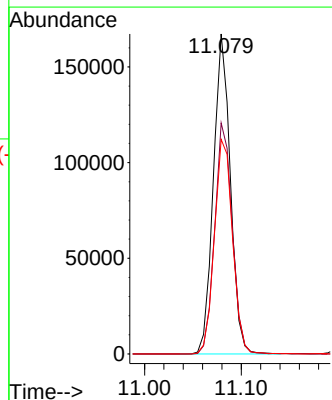
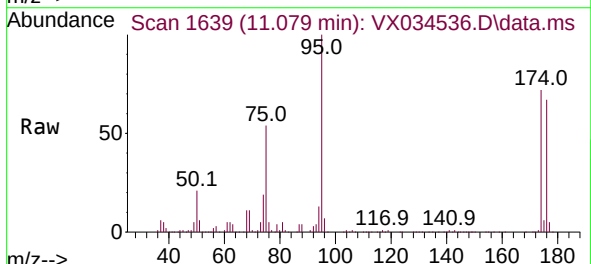
Manual Integrations
APPROVED

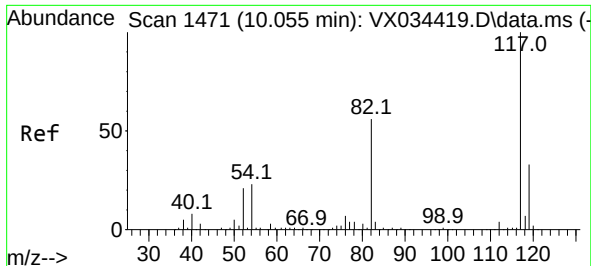
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#62
4-Bromofluorobenzene
Concen: 46.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

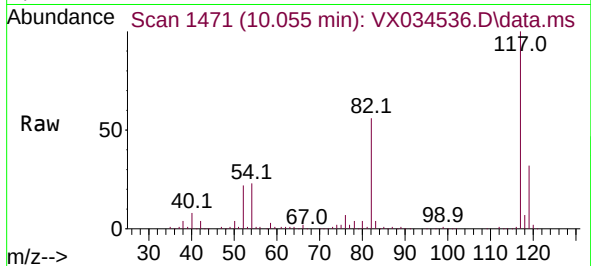
Tgt Ion: 95 Resp: 203214
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.4
176 71.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

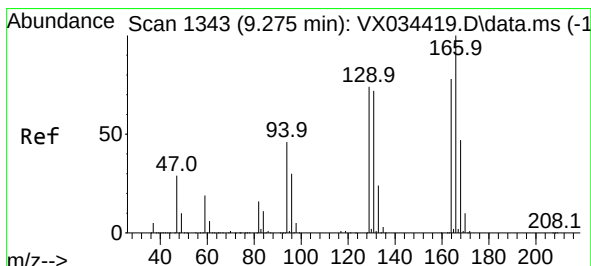
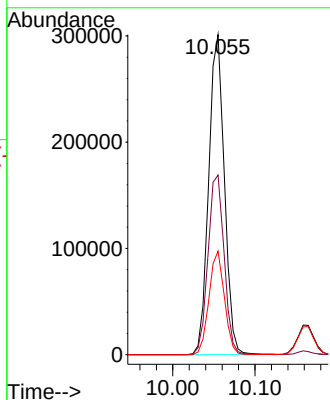
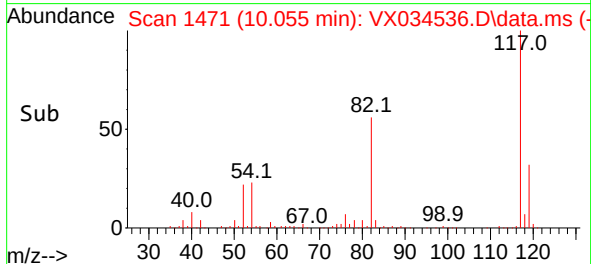
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



Tgt Ion:117 Resp: 399710
Ion Ratio Lower Upper
117 100
82 56.1 45.0 67.4
119 32.3 26.0 39.0

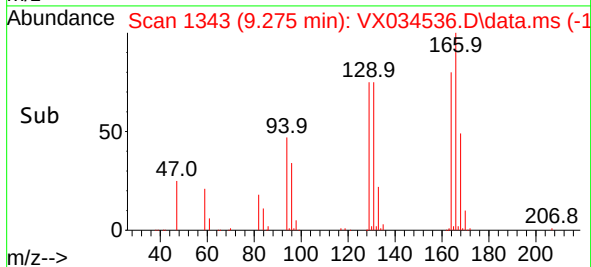
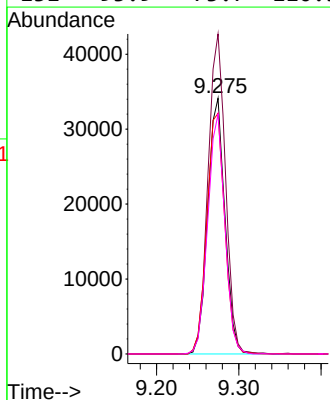
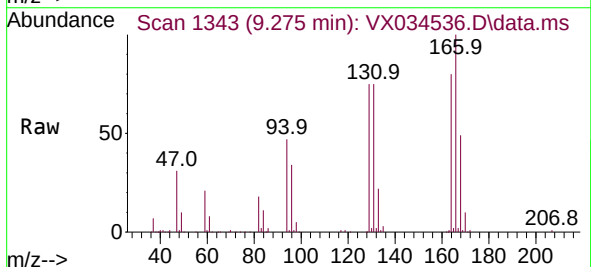
Manual Integrations
APPROVED

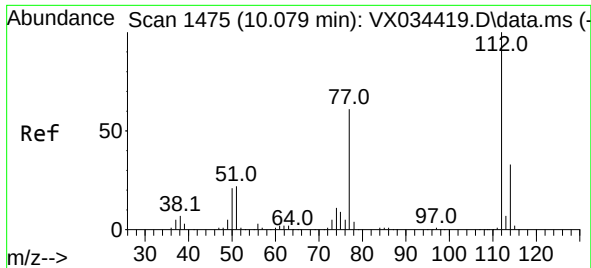
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#64
Tetrachloroethene
Concen: 18.512 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion:164 Resp: 49705
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 94.1 75.6 113.4
131 93.9 73.7 110.5





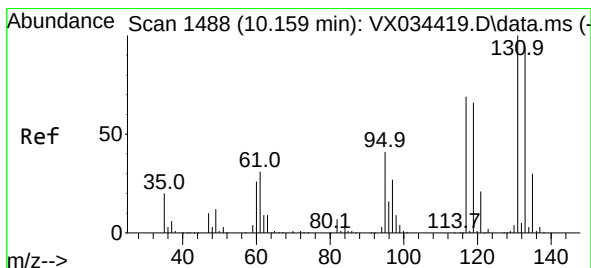
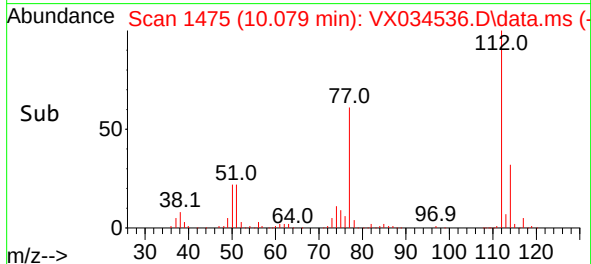
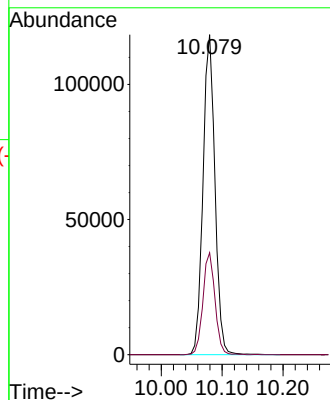
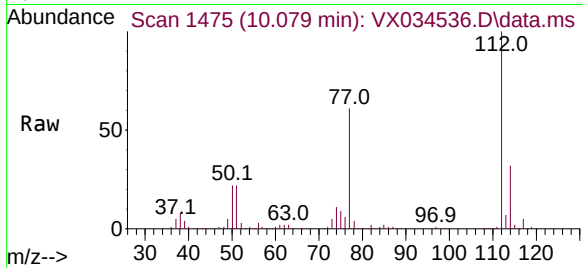
#65
Chlorobenzene
Concen: 18.440 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion:112 Resp: 161714
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

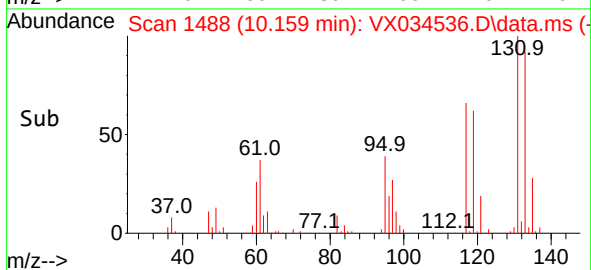
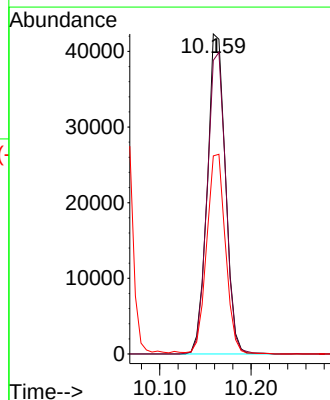
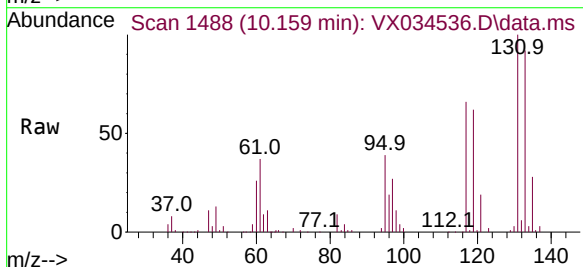
Manual Integrations
APPROVED

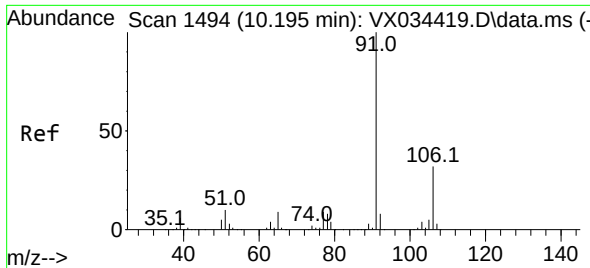
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.277 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

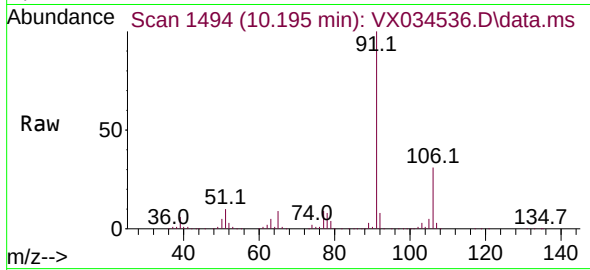
Tgt Ion:131 Resp: 58380
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 64.4 32.6 98.0





#67
Ethyl Benzene
Concen: 18.884 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

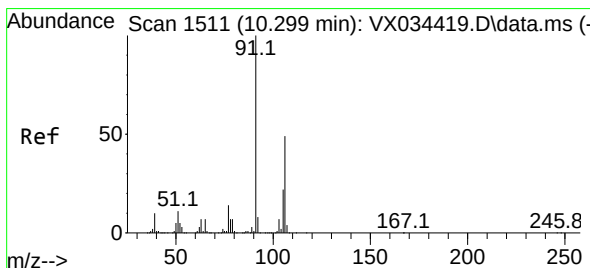
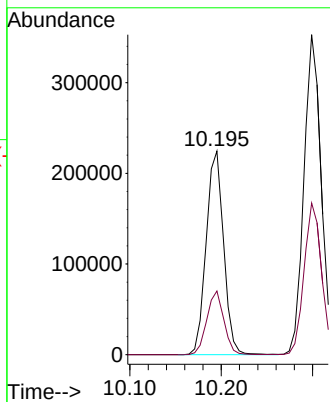
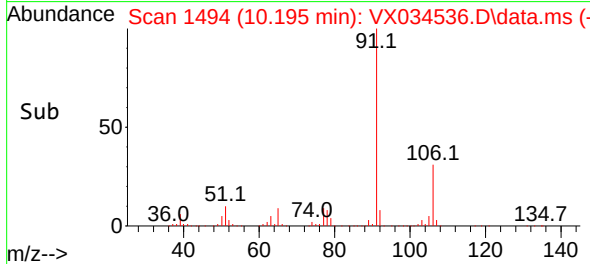
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



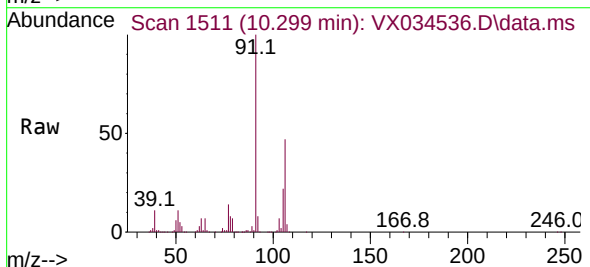
Tgt Ion: 91 Resp: 296483
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

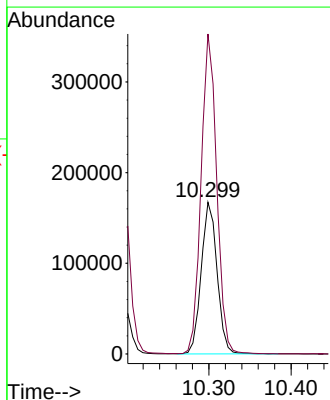
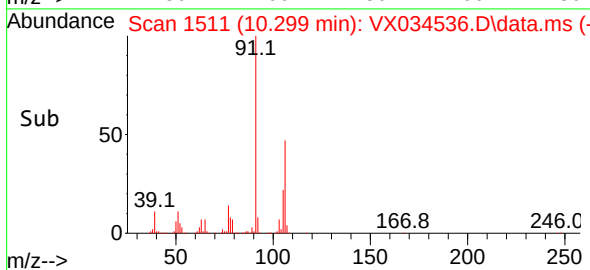
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

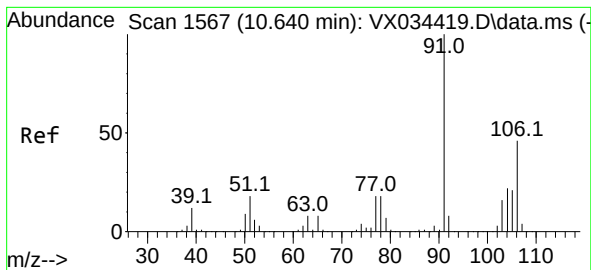


#68
m/p-Xylenes
Concen: 37.078 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29



Tgt Ion:106 Resp: 223619
Ion Ratio Lower Upper
106 100
91 208.2 164.0 246.0





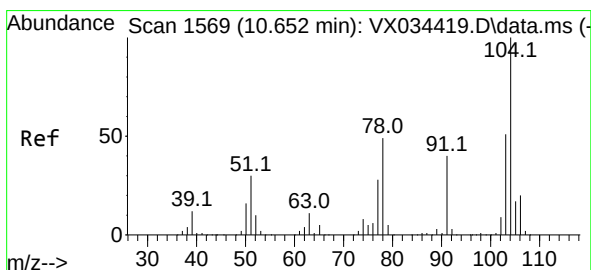
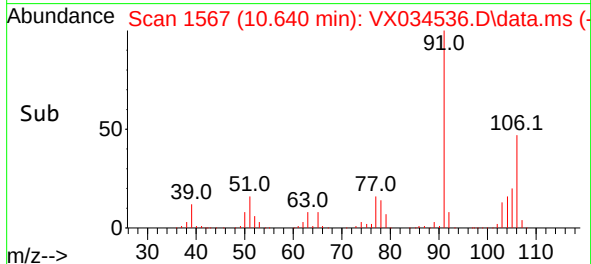
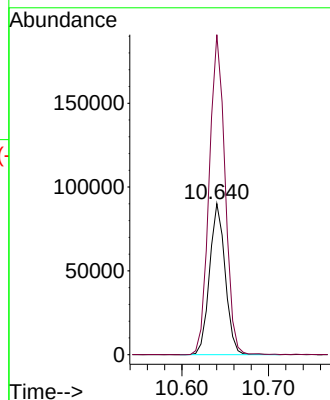
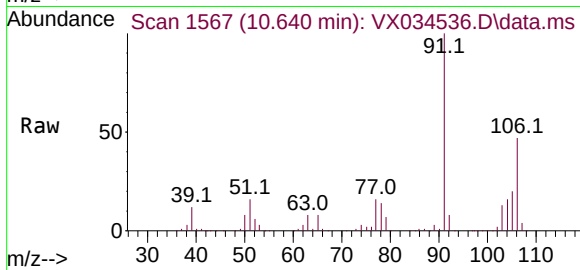
#69
o-Xylene
Concen: 18.634 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion:106 Resp: 112784
Ion Ratio Lower Upper
106 100
91 215.0 108.5 325.3

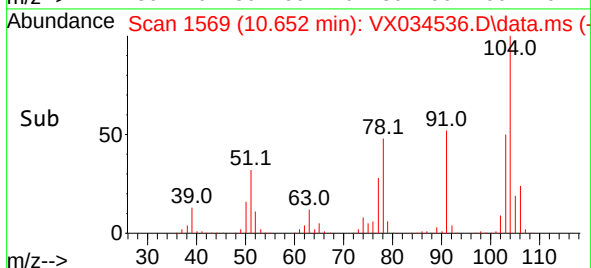
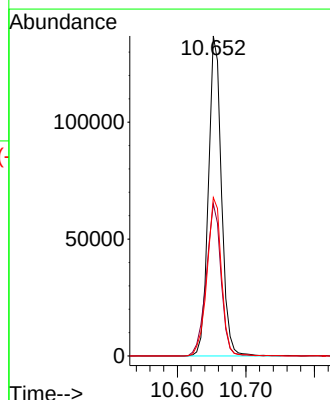
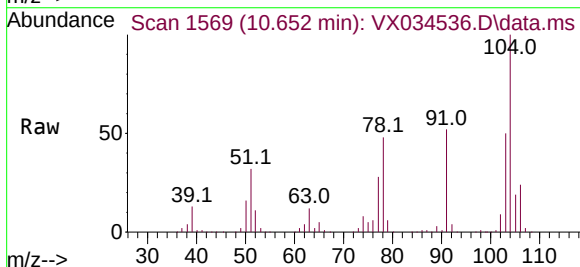
Manual Integrations
APPROVED

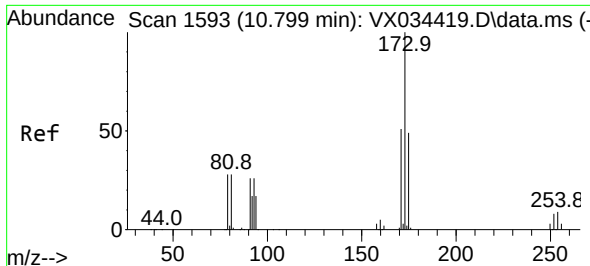
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#70
Styrene
Concen: 18.557 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

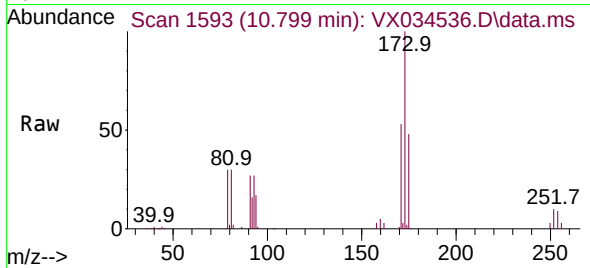
Tgt Ion:104 Resp: 181212
Ion Ratio Lower Upper
104 100
78 53.9 43.4 65.2
103 54.5 44.2 66.2





#71
Bromoform
Concen: 16.448 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

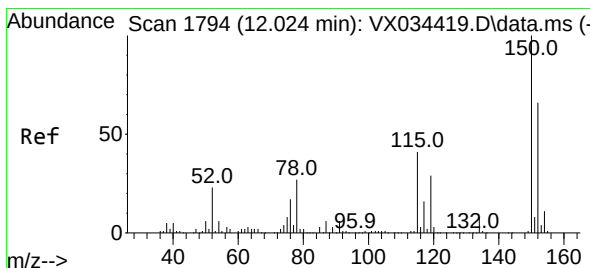
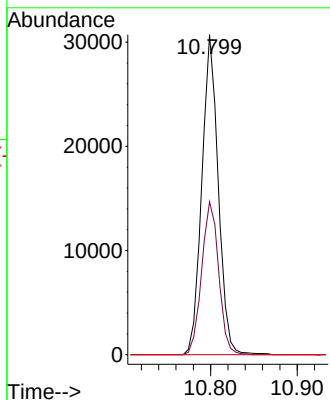
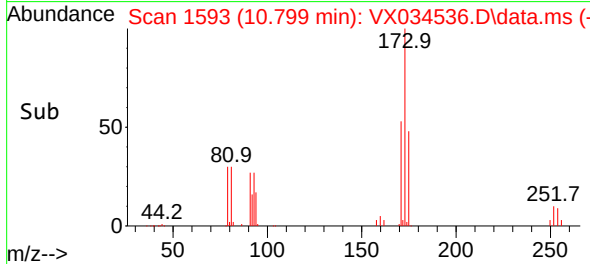
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



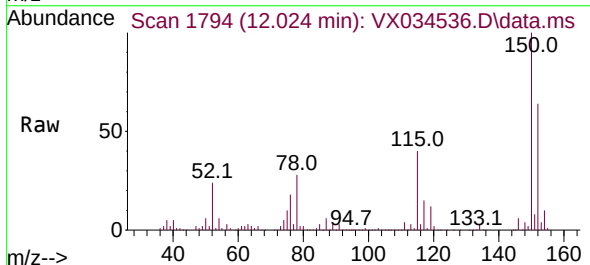
Tgt Ion:173 Resp: 4044
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

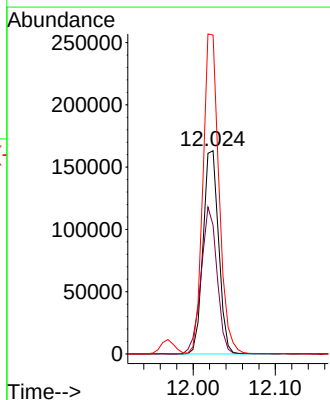
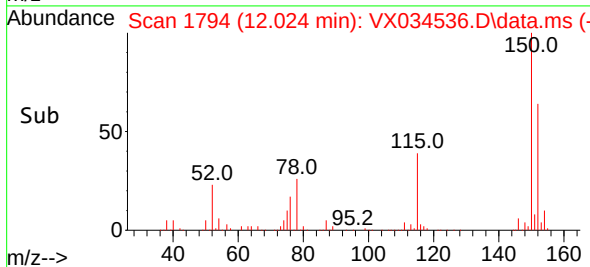
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

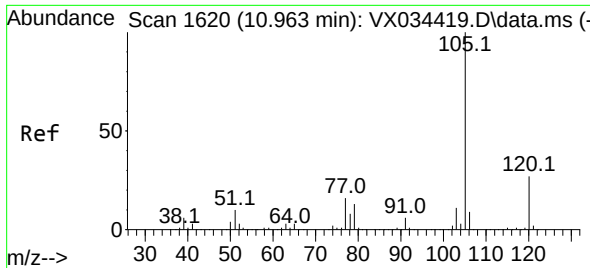


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29



Tgt Ion:152 Resp: 213884
Ion Ratio Lower Upper
152 100
115 74.3 45.0 135.0
150 162.6 0.0 352.4





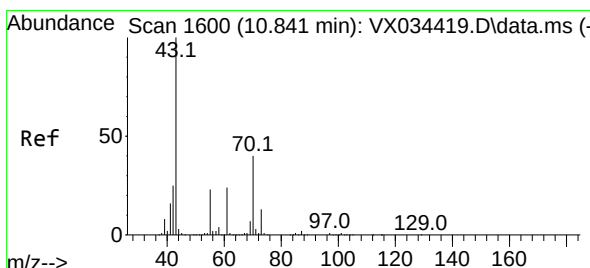
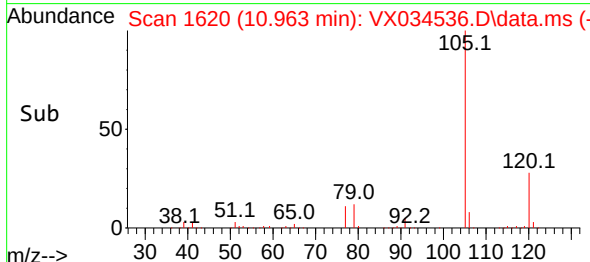
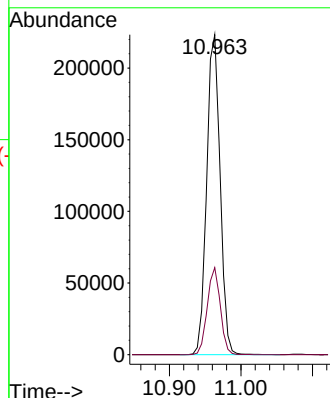
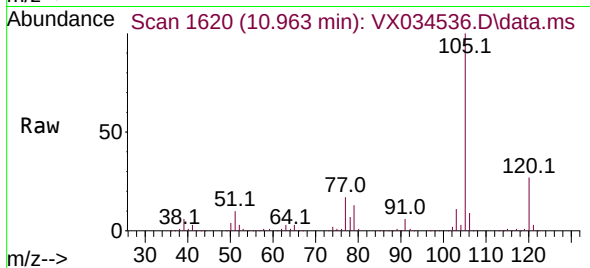
#73
Isopropylbenzene
Concen: 17.610 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion:105 Resp: 291108
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

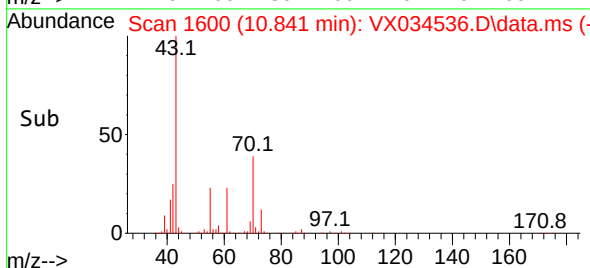
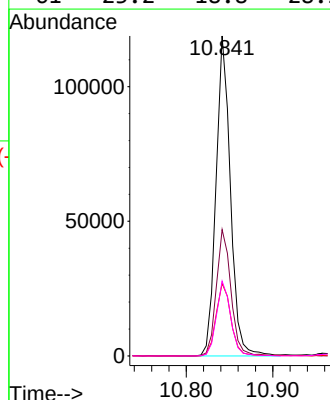
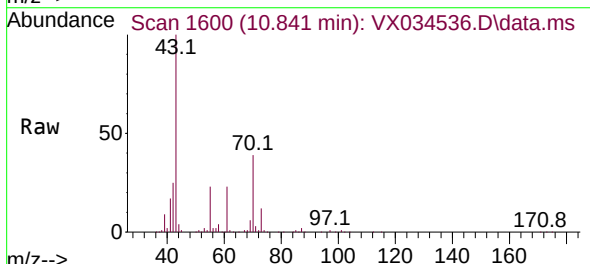
Manual Integrations
APPROVED

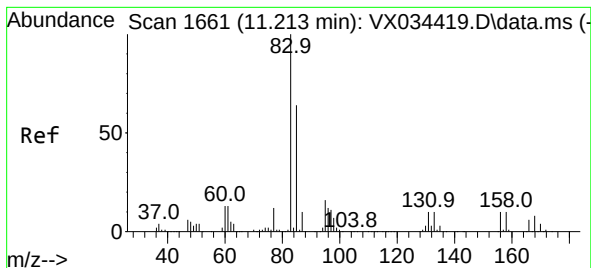
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#74
N-ethyl acetate
Concen: 17.373 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 43 Resp: 137550
Ion Ratio Lower Upper
43 100
70 40.3 32.1 48.1
55 23.6 18.3 27.5
61 23.2 18.8 28.2





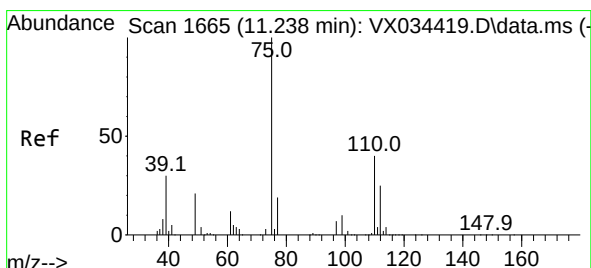
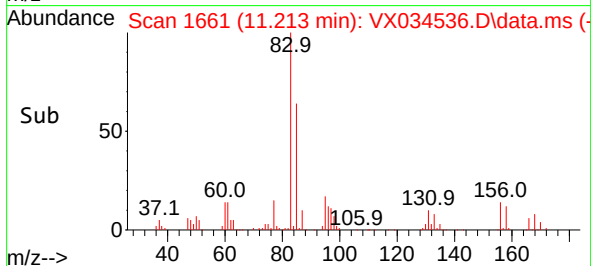
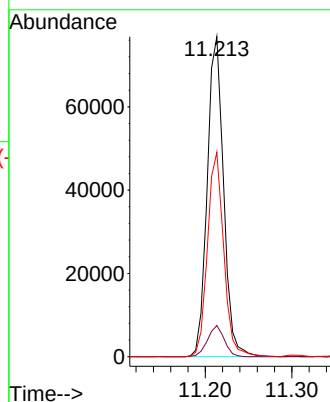
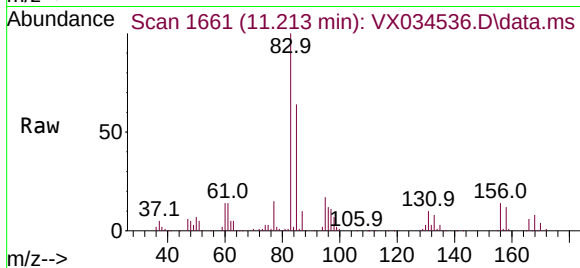
#75
1,1,2,2-Tetrachloroethane
Concen: 18.253 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 83 Resp: 100685
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 63.6 32.0 96.0

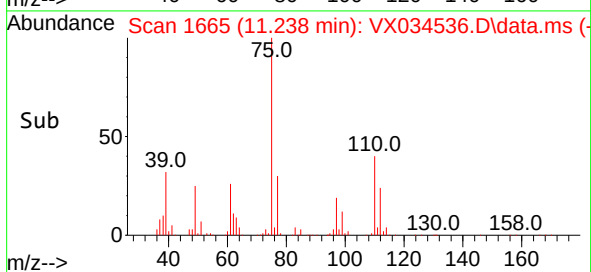
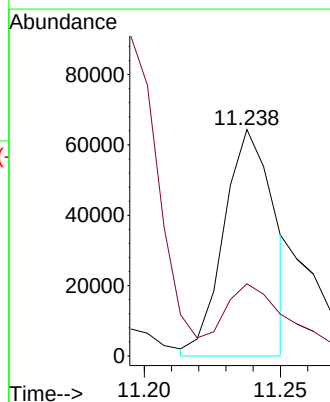
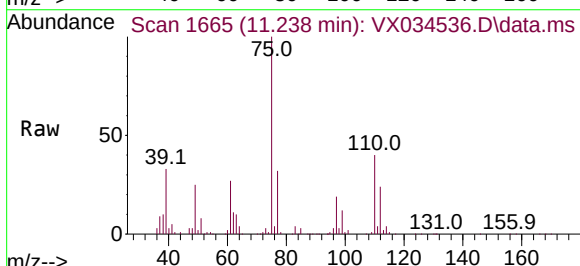
Manual Integrations
APPROVED

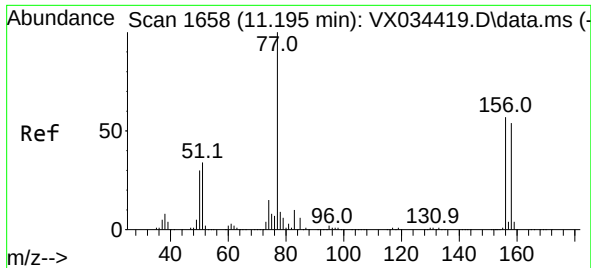
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#76
1,2,3-Trichloropropane
Concen: 16.732 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

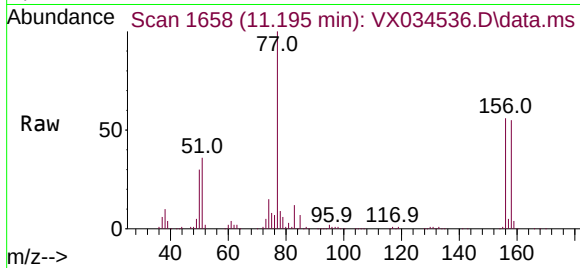
Tgt Ion: 75 Resp: 82169
Ion Ratio Lower Upper
75 100
77 42.4 21.6 64.8





#77
Bromobenzene
Concen: 17.231 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

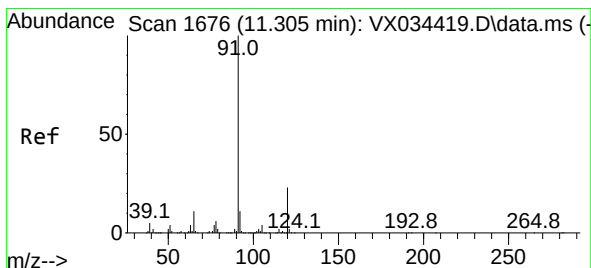
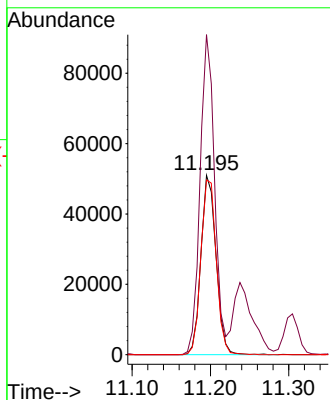
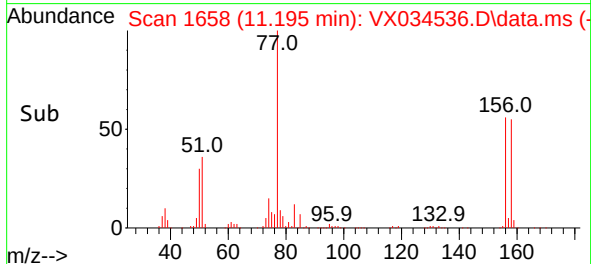
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



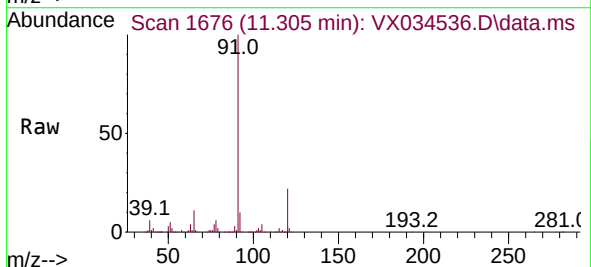
Tgt Ion:156 Resp: 68338
Ion Ratio Lower Upper
156 100
77 170.7 86.7 259.9
158 99.3 48.0 144.0

Manual Integrations
APPROVED

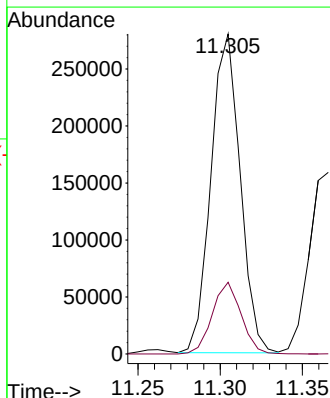
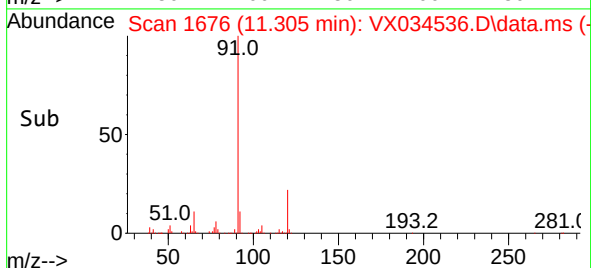
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

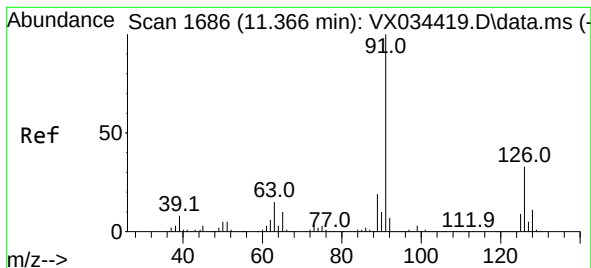


#78
n-propylbenzene
Concen: 18.121 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29



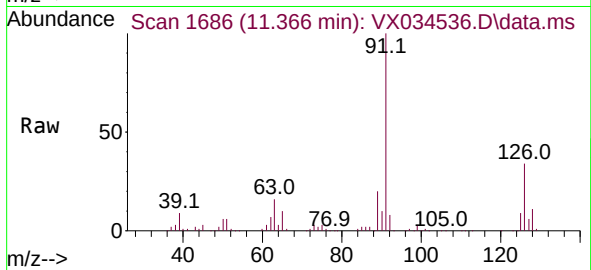
Tgt Ion: 91 Resp: 345956
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.5





#79
2-Chlorotoluene
Concen: 17.589 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

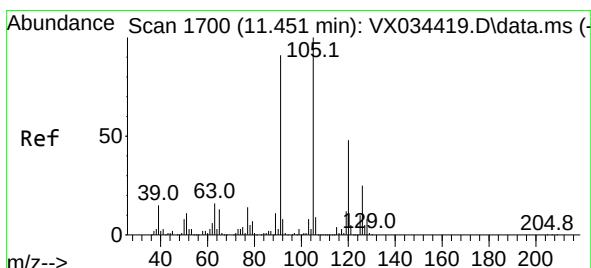
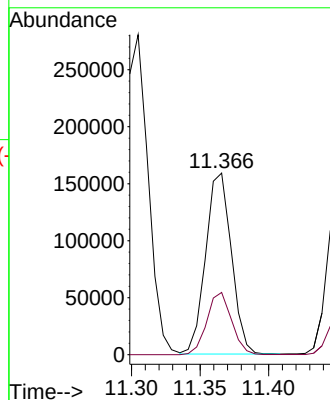
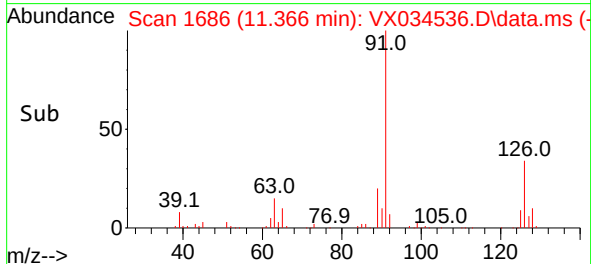
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



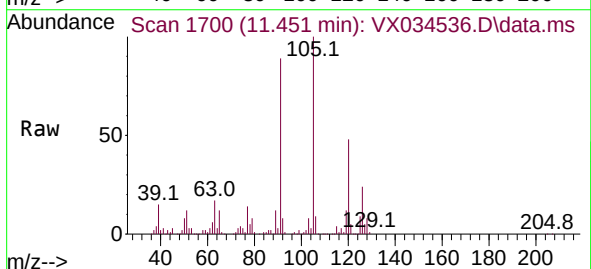
Tgt Ion: 91 Resp: 20738
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.9

Manual Integrations
APPROVED

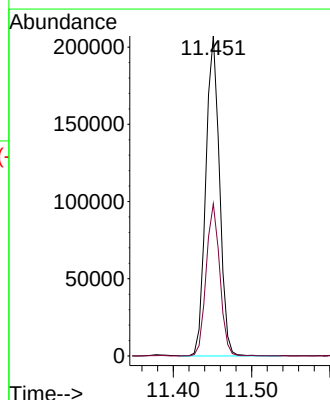
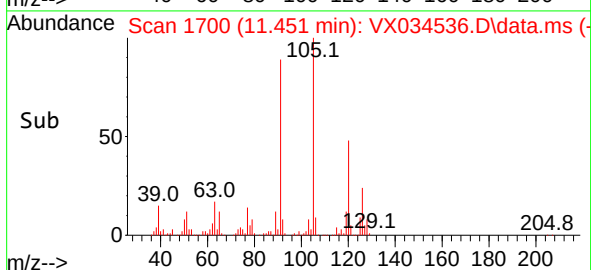
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

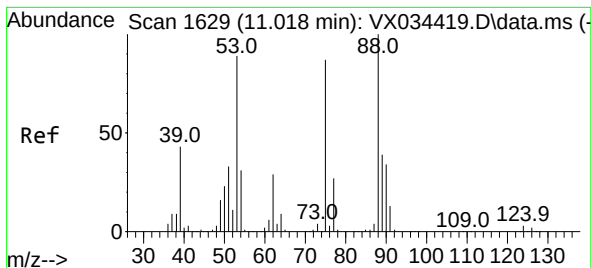


#80
1,3,5-Trimethylbenzene
Concen: 18.096 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29



Tgt Ion:105 Resp: 250901
Ion Ratio Lower Upper
105 100
120 47.4 23.7 71.1





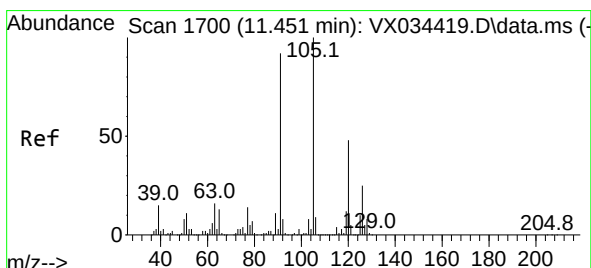
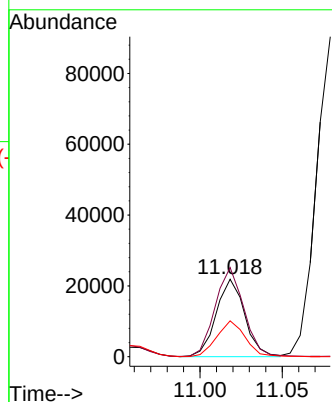
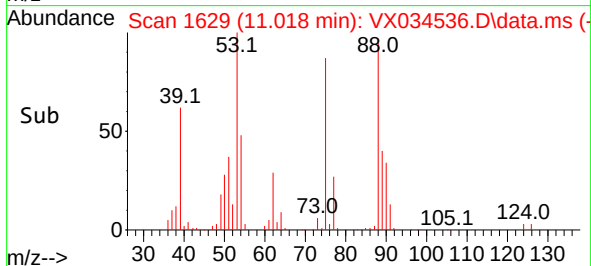
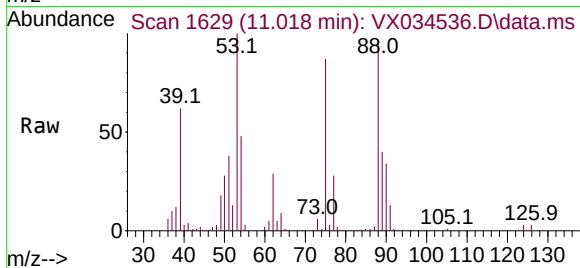
#81
trans-1,4-Dichloro-2-butene
Concen: 14.574 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 75 Resp: 26450
Ion Ratio Lower Upper
75 100
53 114.7 82.6 124.0
89 46.2 36.9 55.3

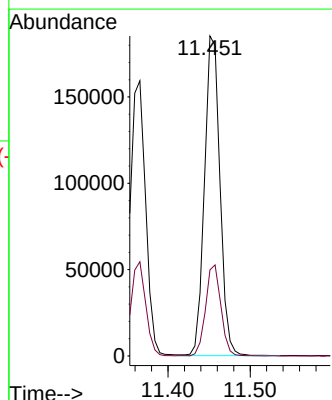
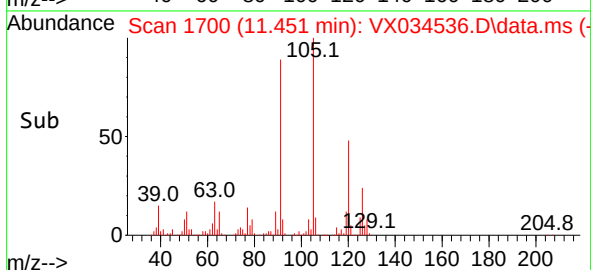
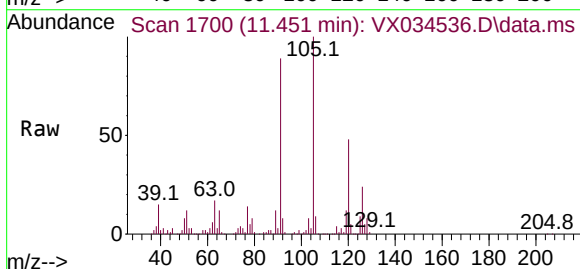
Manual Integrations
APPROVED

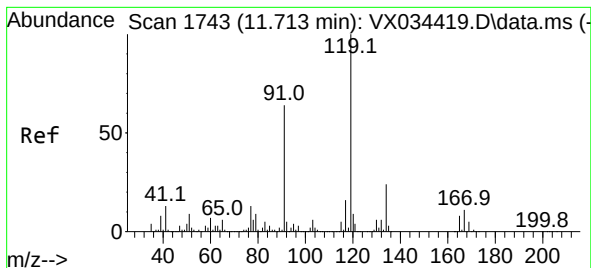
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#82
4-Chlorotoluene
Concen: 17.827 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion: 91 Resp: 242111
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.953 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

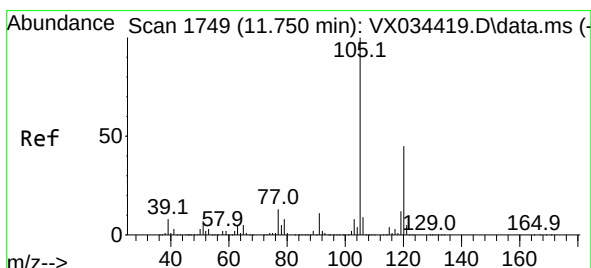
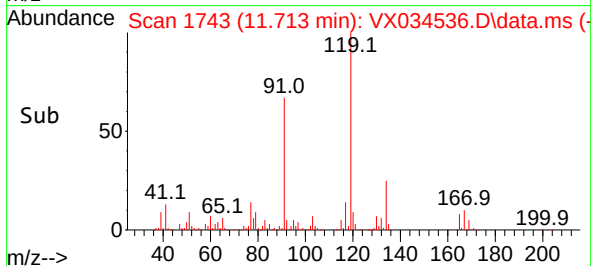
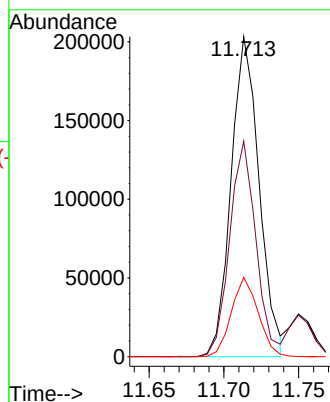
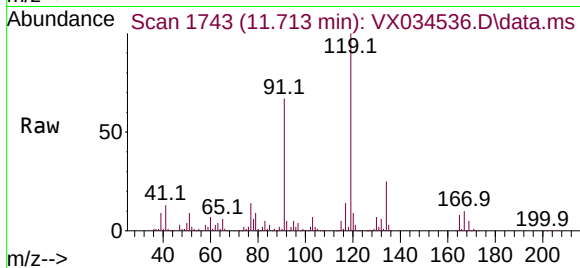
Tgt Ion:	119	Resp:	26495
Ion Ratio	Lower	Upper	
119	100		
91	63.4	30.6	92.0
134	23.8	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.930 ug/l

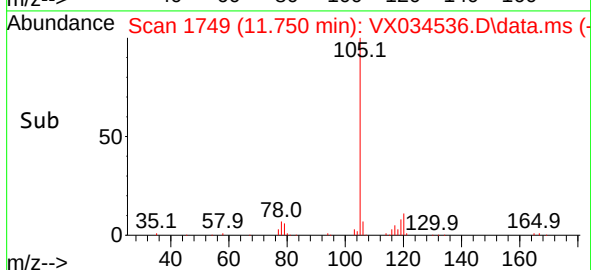
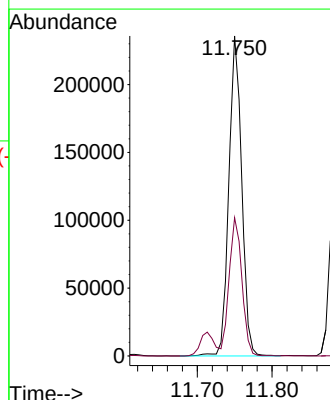
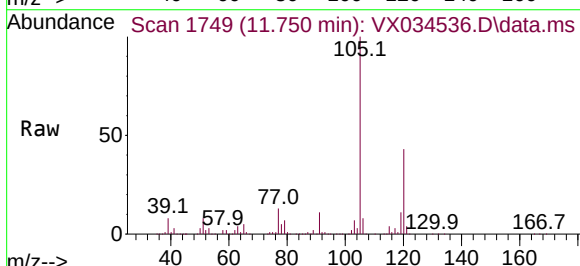
RT: 11.750 min Scan# 1749

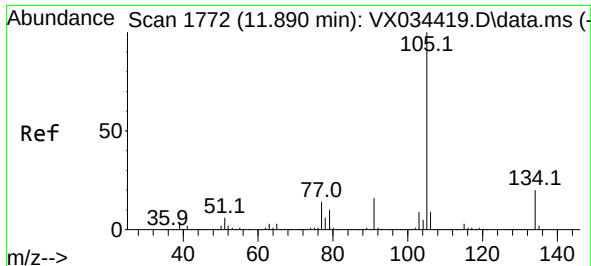
Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

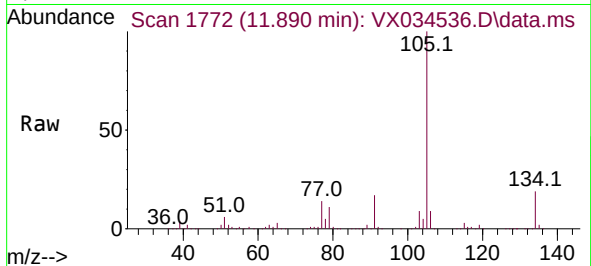
Tgt Ion:	105	Resp:	282417
Ion Ratio	Lower	Upper	
105	100		
120	42.9	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 19.749 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034536.D
 Acq: 16 Mar 2023 11:29

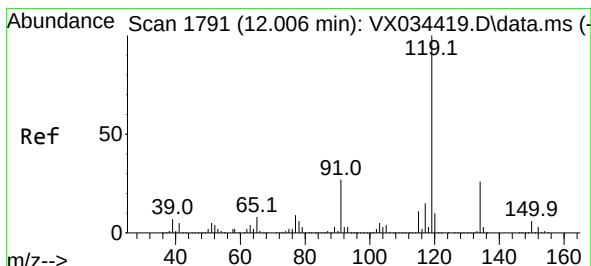
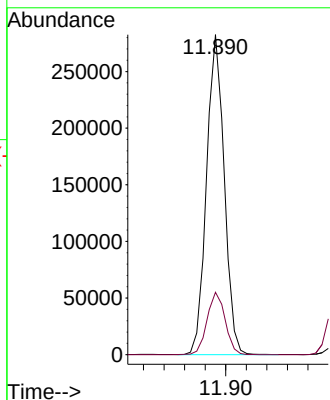
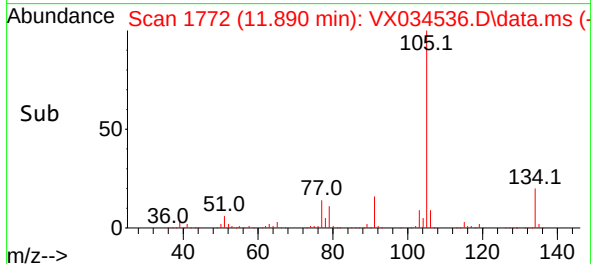
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01



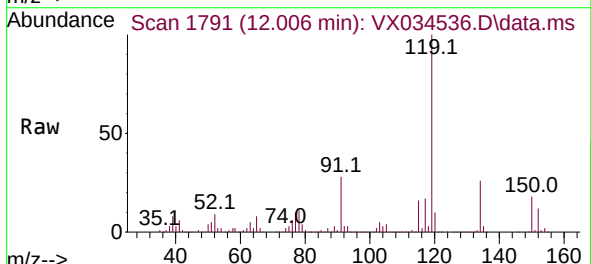
Tgt Ion:105 Resp: 337528
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

Manual Integrations
 APPROVED

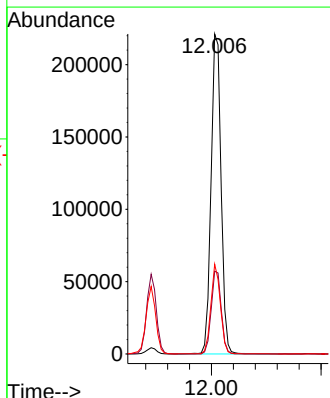
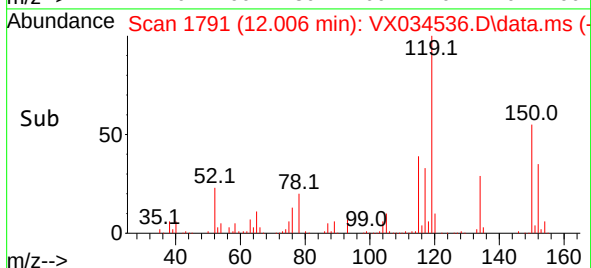
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

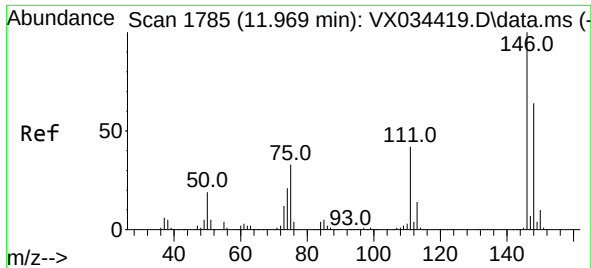


#86
 p-Isopropyltoluene
 Concen: 19.375 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034536.D
 Acq: 16 Mar 2023 11:29



Tgt Ion:119 Resp: 278300
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 26.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 18.421 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

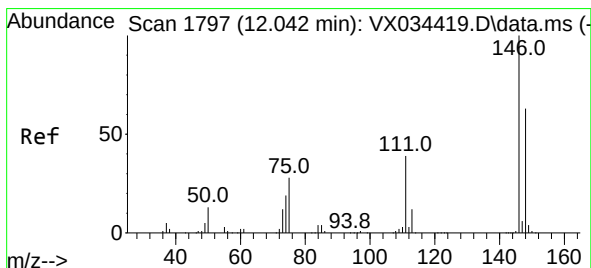
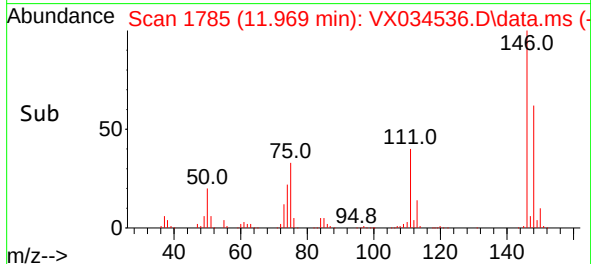
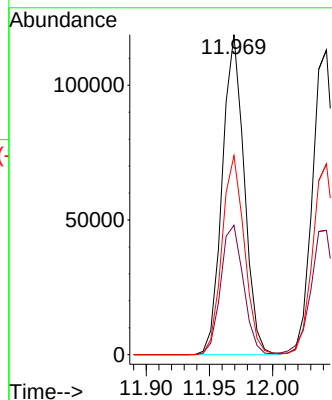
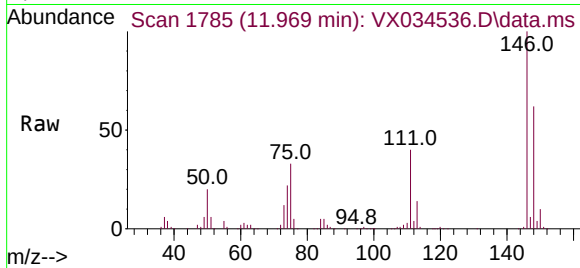
Tgt Ion:146 Resp: 143145
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.9 62.8
 148 63.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#88

1,4-Dichlorobenzene

Concen: 18.354 ug/l

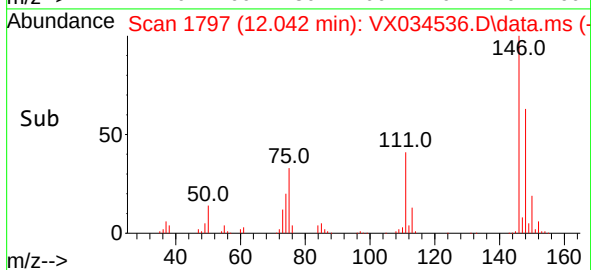
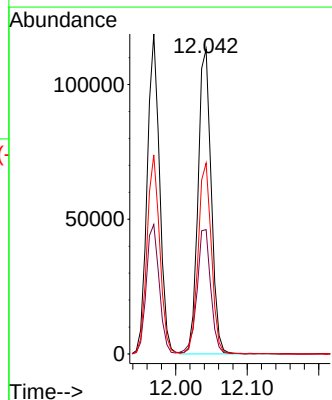
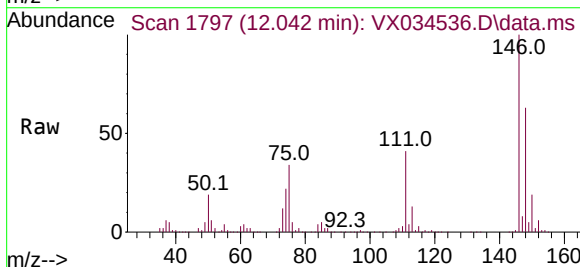
RT: 12.042 min Scan# 1797

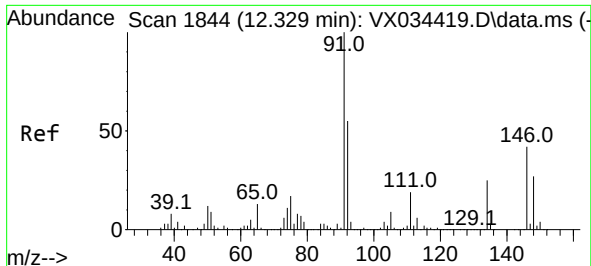
Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Tgt Ion:146 Resp: 144220
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.6 61.9
 148 63.2 31.8 95.4





#89

n-Butylbenzene

Concen: 18.977 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 91 Resp: 24232

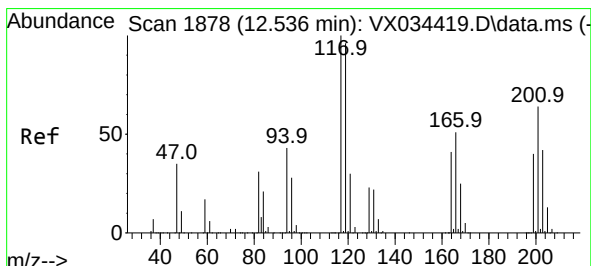
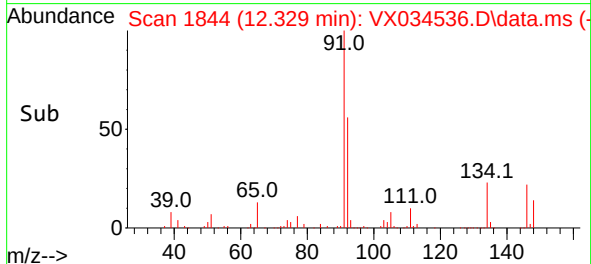
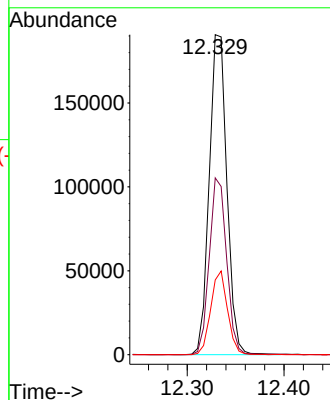
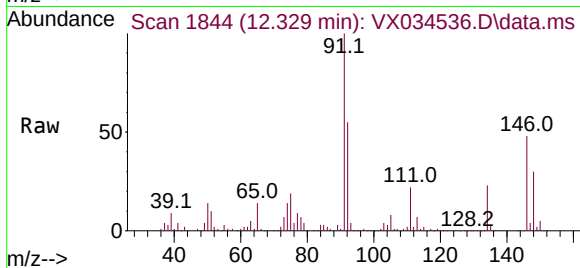
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.7	83.0
134	24.9	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#90

Hexachloroethane

Concen: 17.526 ug/l

RT: 12.536 min Scan# 1878

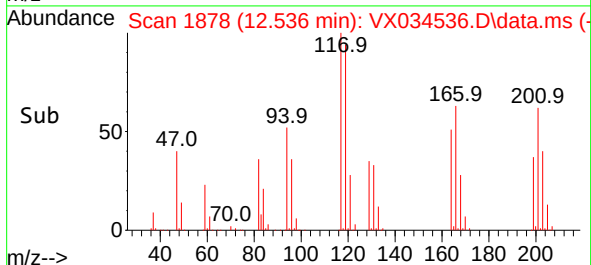
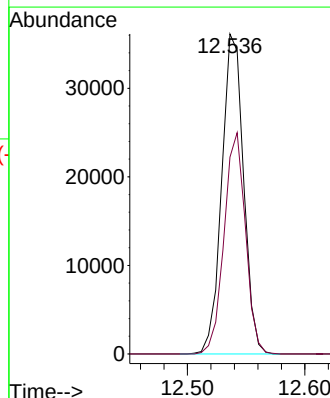
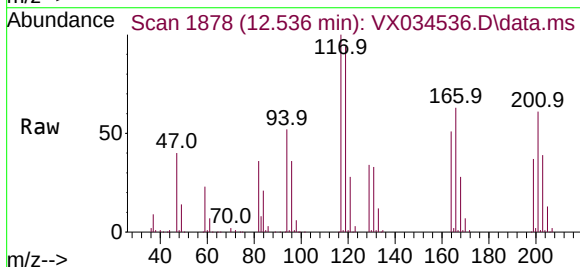
Delta R.T. -0.000 min

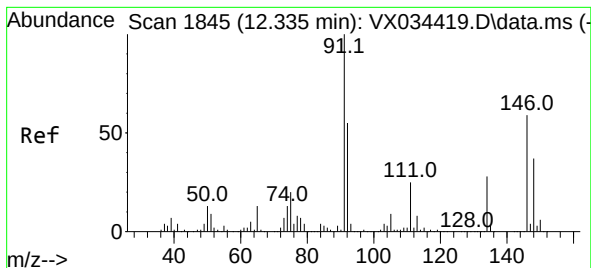
Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Tgt Ion:117 Resp: 46581

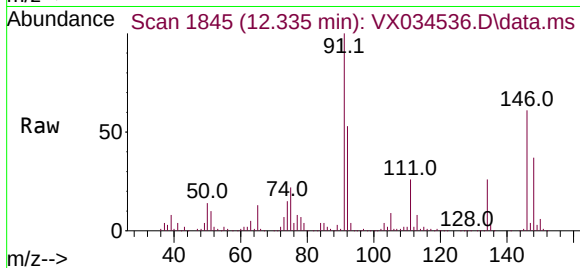
Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.4	103.1





#91
1,2-Dichlorobenzene
Concen: 18.867 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

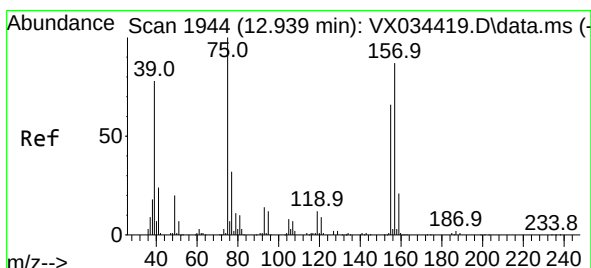
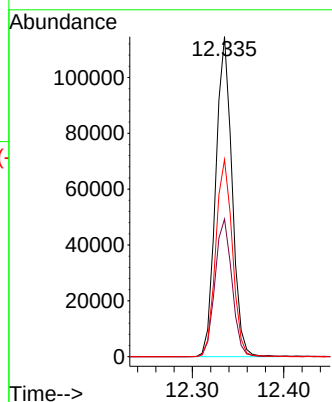
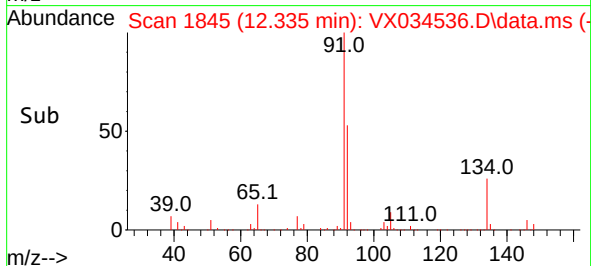
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



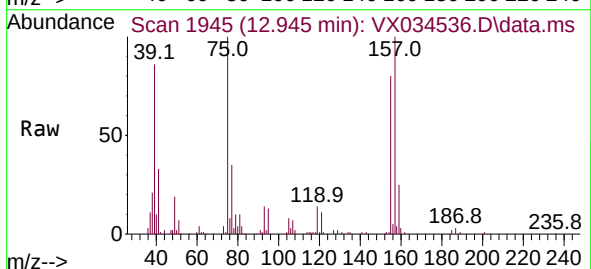
Tgt Ion:146 Resp: 141689
Ion Ratio Lower Upper
146 100
111 44.7 22.0 66.0
148 62.9 32.0 96.0

Manual Integrations
APPROVED

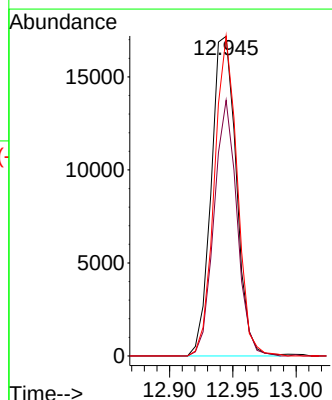
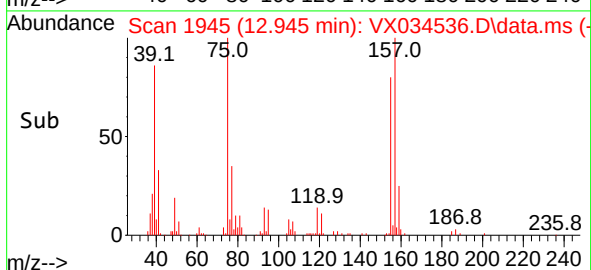
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

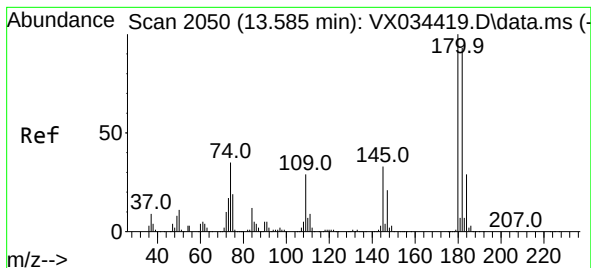


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.857 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29



Tgt Ion: 75 Resp: 23633
Ion Ratio Lower Upper
75 100
155 73.2 38.4 115.1
157 91.3 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 19.011 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

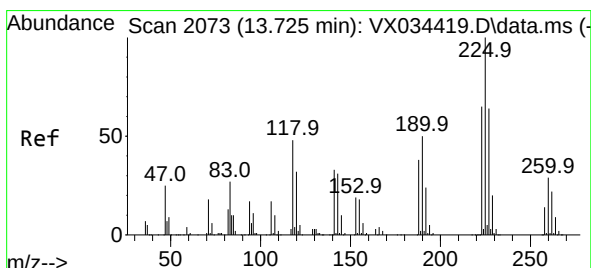
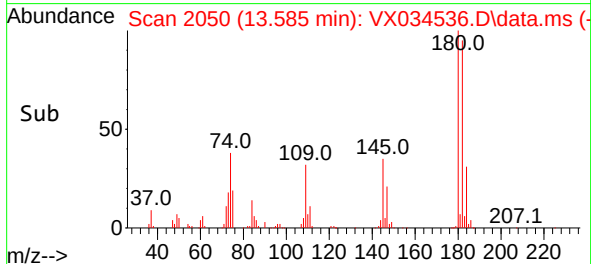
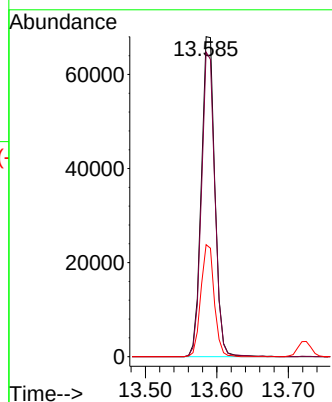
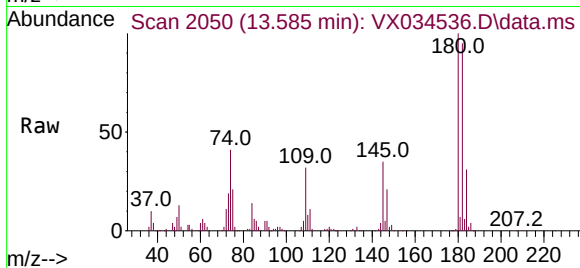
Tgt Ion:180	Resp:	89280
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.0 141.0
145	34.7	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#94

Hexachlorobutadiene

Concen: 20.055 ug/l

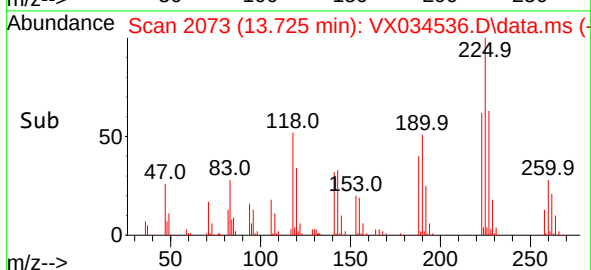
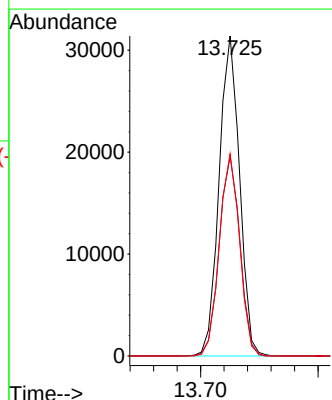
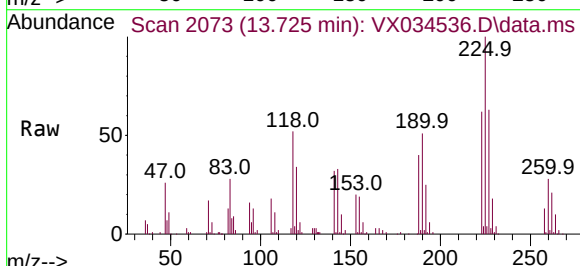
RT: 13.725 min Scan# 2073

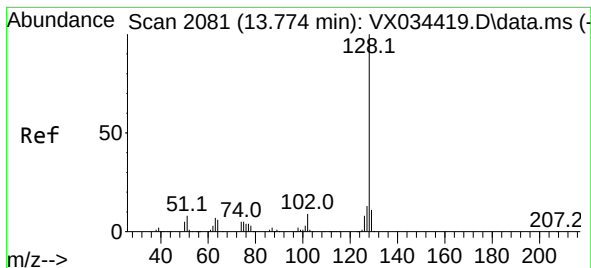
Delta R.T. -0.000 min

Lab File: VX034536.D

Acq: 16 Mar 2023 11:29

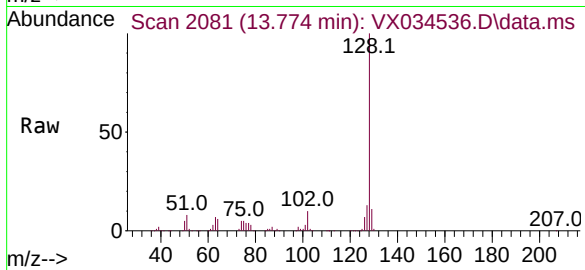
Tgt Ion:225	Resp:	37944
Ion Ratio	Lower	Upper
225	100	
223	63.0	32.1 96.5
227	62.5	31.8 95.4





#95
Naphthalene
Concen: 19.472 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

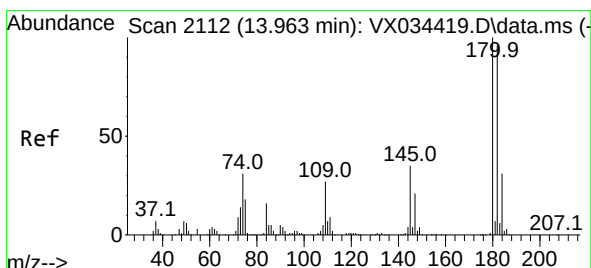
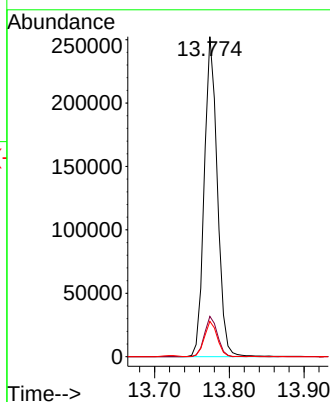
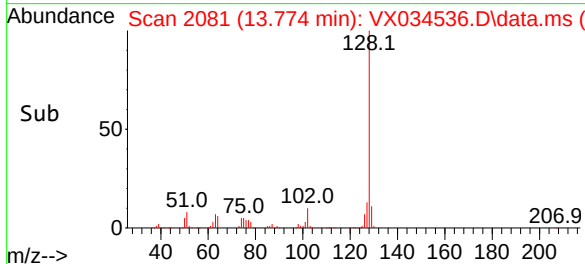
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01



Tgt Ion:128 Resp: 306652
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.9 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: 19.084 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034536.D
Acq: 16 Mar 2023 11:29

Tgt Ion:180 Resp: 87607
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.2
145 34.8 17.7 53.1

