

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034527.D
 Acq On : 15 Mar 2023 22:38
 Operator : JC/MD
 Sample : 01880-04MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20230309MSD

Quant Time: Mar 16 05:27:11 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	264391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	462360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	430307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	206787	53.762	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.520%			
35) Dibromofluoromethane	5.385	113	156639	51.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	8.647	98	575899	50.535	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.079	95	234396	50.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108874	44.172	ug/l	98
3) Chloromethane	1.301	50	163296	43.567	ug/l	98
4) Vinyl Chloride	1.374	62	151703	45.202	ug/l	99
5) Bromomethane	1.599	94	79657	47.041	ug/l	97
6) Chloroethane	1.672	64	97107	50.253	ug/l	98
7) Trichlorofluoromethane	1.880	101	242255	48.039	ug/l	98
8) Diethyl Ether	2.130	74	95302	51.769	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	138617	47.166	ug/l	99
10) Methyl Iodide	2.447	142	193374	50.116	ug/l	97
11) Tert butyl alcohol	2.965	59	219420	273.941	ug/l	100
12) 1,1-Dichloroethene	2.313	96	137964	47.666	ug/l	95
13) Acrolein	2.233	56	211562	333.879	ug/l	98
14) Allyl chloride	2.660	41	263439	44.894	ug/l	97
15) Acrylonitrile	3.062	53	449059	259.534	ug/l	99
16) Acetone	2.380	43	404409	223.205	ug/l	97
17) Carbon Disulfide	2.508	76	322316	39.571	ug/l	99
18) Methyl Acetate	2.703	43	295664	49.942	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	507339	48.956	ug/l	98
20) Methylene Chloride	2.788	84	159690	45.413	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	142286	46.289	ug/l	98
22) Diisopropyl ether	3.757	45	541882	48.435	ug/l	97
23) Vinyl Acetate	3.721	43	2144405	251.848	ug/l	99
24) 1,1-Dichloroethane	3.605	63	288010	47.889	ug/l	99
25) 2-Butanone	4.550	43	656734	253.324	ug/l	99
26) 2,2-Dichloropropane	4.471	77	211501	40.458	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	176762	47.770	ug/l	99
28) Bromochloromethane	4.898	49	145840	52.154	ug/l	99
29) Tetrahydrofuran	5.001	42	424469	265.342	ug/l	99
30) Chloroform	5.093	83	298725	50.672	ug/l	98
31) Cyclohexane	5.471	56	236069	43.762	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	254246	48.717	ug/l	99
36) 1,1-Dichloropropene	5.690	75	205280	43.781	ug/l	98
37) Ethyl Acetate	4.709	43	252765	49.346	ug/l	99
38) Carbon Tetrachloride	5.678	117	209875	44.994	ug/l	97
39) Methylcyclohexane	7.379	83	227938	40.622	ug/l	96
40) Benzene	6.038	78	630641	45.977	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	141296	50.333	ug/l	99
42) 1,2-Dichloroethane	6.086	62	252942	50.176	ug/l	98
43) Isopropyl Acetate	6.336	43	421020	48.518	ug/l	100
44) Trichloroethene	7.123	130	538893	151.209	ug/l	97
45) 1,2-Dichloropropane	7.428	63	168227	46.972	ug/l	99
46) Dibromomethane	7.580	93	115358	47.378	ug/l	99
47) Bromodichloromethane	7.818	83	227326	48.240	ug/l	98
48) Methyl methacrylate	7.690	41	209442	50.184	ug/l	98
49) 1,4-Dioxane	7.659	88	104169	1188.345	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	1303572	258.955	ug/l	99
52) Toluene	8.714	92	394552	46.462	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	247614	46.641	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	260633	45.377	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	166672	49.455	ug/l	99
56) Ethyl methacrylate	9.116	69	272299	49.210	ug/l	98
57) 1,3-Dichloropropane	9.305	76	287866	48.060	ug/l	100
59) 2-Hexanone	9.427	43	1013792	260.525	ug/l	99
60) Dibromochloromethane	9.519	129	170212	48.156	ug/l	99
61) 1,2-Dibromoethane	9.610	107	174328	47.935	ug/l	100
64) Tetrachloroethene	9.275	164	122724	42.457	ug/l	97
65) Chlorobenzene	10.079	112	420866	44.577	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	156621	45.548	ug/l	99
67) Ethyl Benzene	10.195	91	768377	45.461	ug/l	98
68) m/p-Xylenes	10.299	106	582540	89.721	ug/l	98
69) o-Xylene	10.640	106	291030	44.665	ug/l	98
70) Styrene	10.653	104	492018	46.803	ug/l	99
71) Bromoform	10.799	173	120259	45.434	ug/l	100
73) Isopropylbenzene	10.963	105	755995	45.014	ug/l	100
74) N-amyl acetate	10.842	43	391549	48.675	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	270629	48.290	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	224489m	44.993	ug/l	
77) Bromobenzene	11.195	156	185856	46.125	ug/l	99
78) n-propylbenzene	11.305	91	886161	45.688	ug/l	99
79) 2-Chlorotoluene	11.366	91	549193	45.847	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	649106	46.079	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	76114	41.269	ug/l	95
82) 4-Chlorotoluene	11.451	91	643257	46.620	ug/l	100
83) tert-Butylbenzene	11.713	119	656139	46.197	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	653294	45.378	ug/l	99
85) sec-Butylbenzene	11.890	105	773668	44.557	ug/l	100
86) p-Isopropyltoluene	12.012	119	656698	45.000	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	349527	44.272	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	355236	44.499	ug/l	99
89) n-Butylbenzene	12.329	91	563766	43.456	ug/l	98
90) Hexachloroethane	12.542	117	118052	43.718	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	351779	46.106	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62818	49.335	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	209620	43.934	ug/l	100
94) Hexachlorobutadiene	13.725	225	77823	40.487	ug/l	99
95) Naphthalene	13.774	128	749685	46.857	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	207226	44.432	ug/l	98

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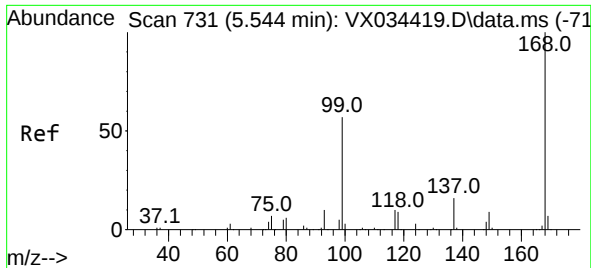
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



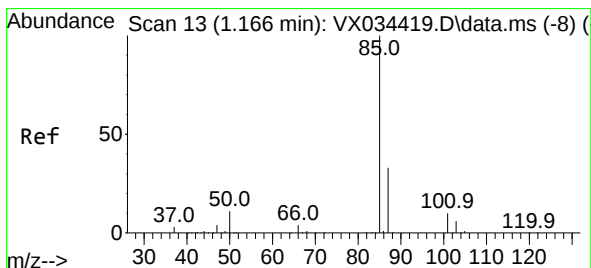
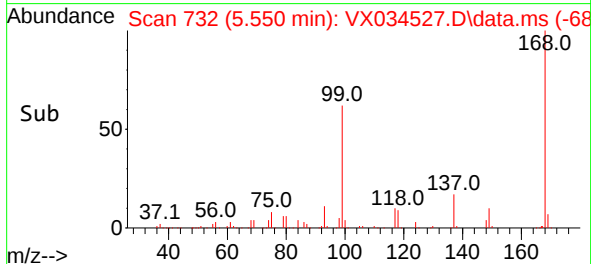
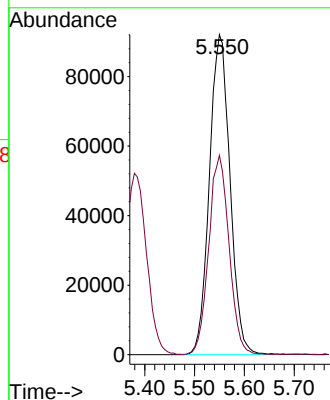
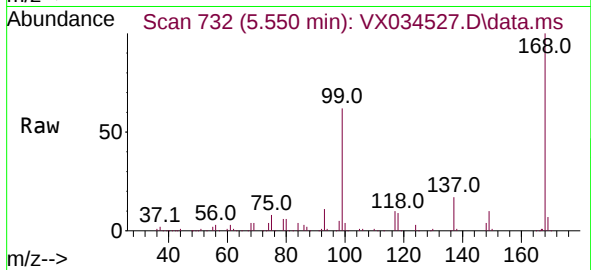
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD

Tgt Ion:168 Resp: 26439
Ion Ratio Lower Upper
168 100
99 62.2 45.7 68.5

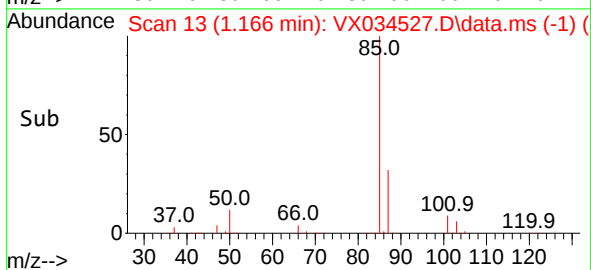
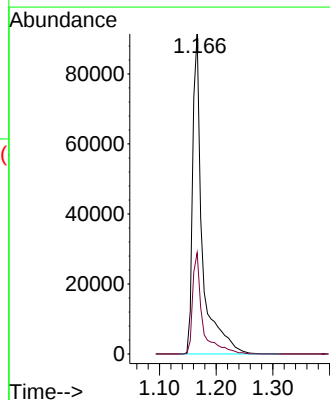
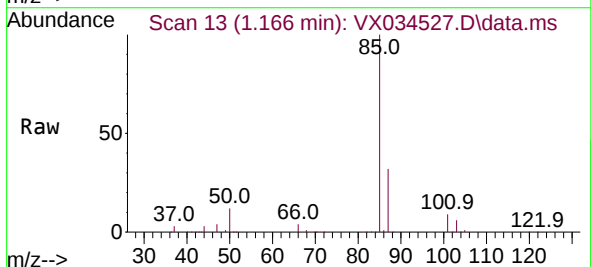
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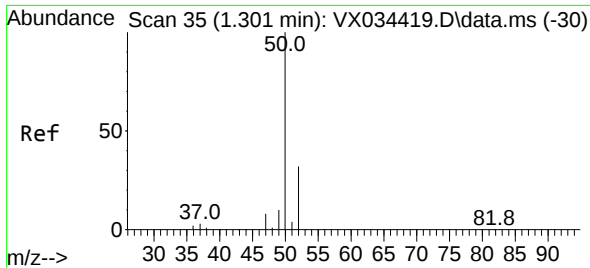
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#2
Dichlorodifluoromethane
Concen: 44.172 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

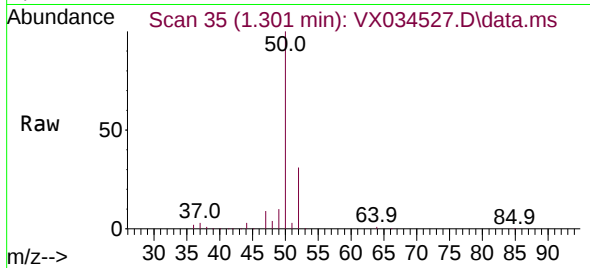
Tgt Ion: 85 Resp: 108874
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1





#3
Chloromethane
Concen: 43.567 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

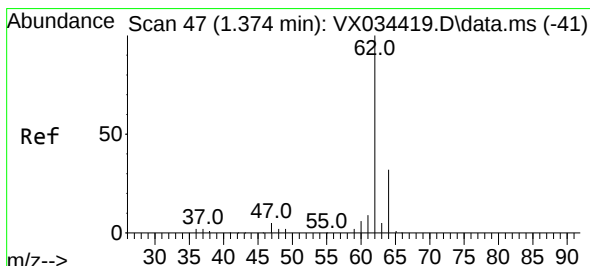
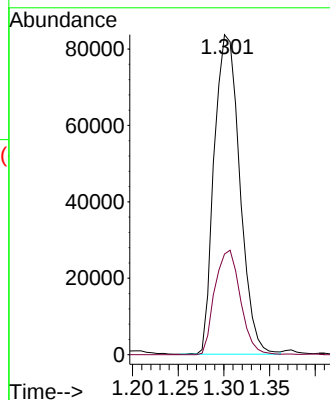
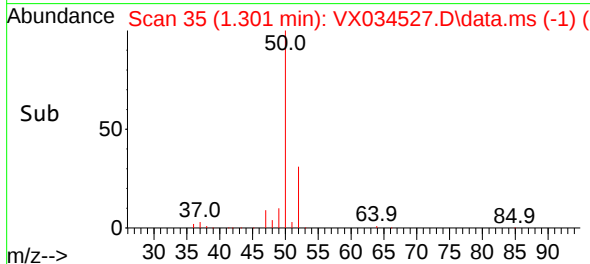
Instrument :
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Tgt Ion: 50 Resp: 163290
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

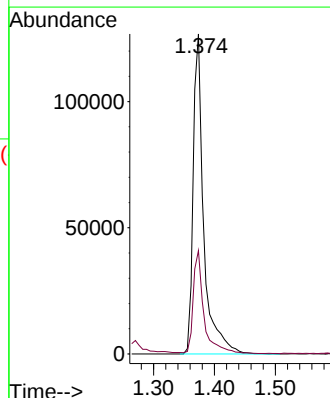
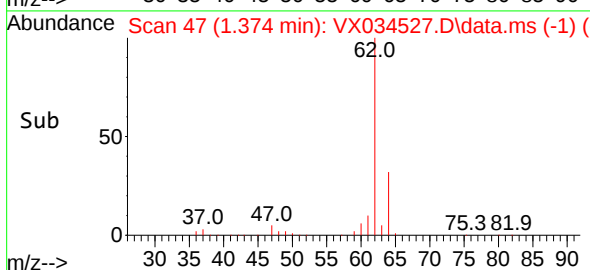
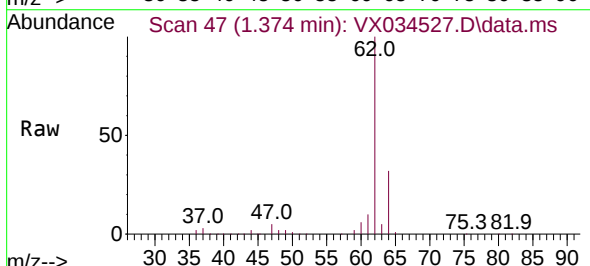
Manual Integrations
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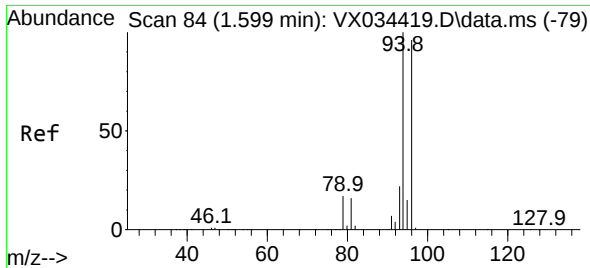
Reviewed By :John Carlone 03/16/2023
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#4
Vinyl Chloride
Concen: 45.202 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

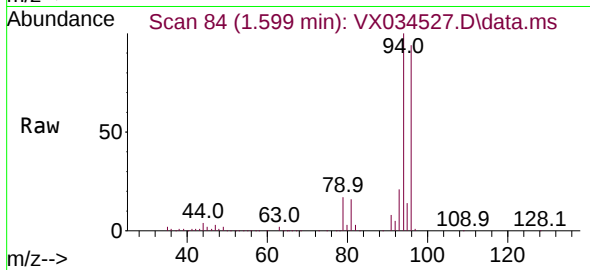
Tgt Ion: 62 Resp: 151703
Ion Ratio Lower Upper
62 100
64 32.2 26.4 39.6





#5
Bromomethane
Concen: 47.041 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

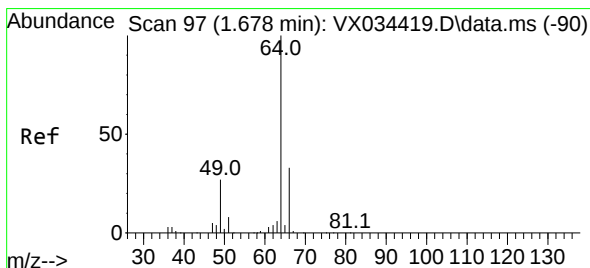
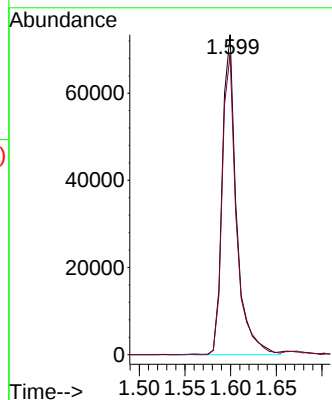
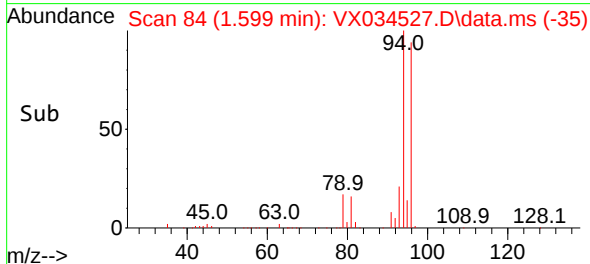
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Tgt Ion: 94 Resp: 7965
Ion Ratio Lower Upper
94 100
96 93.8 77.0 115.6

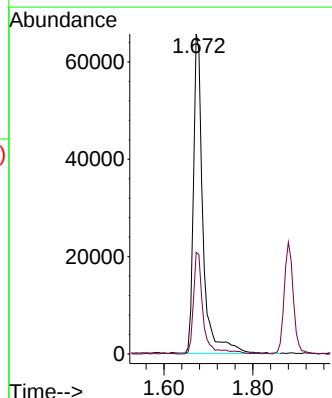
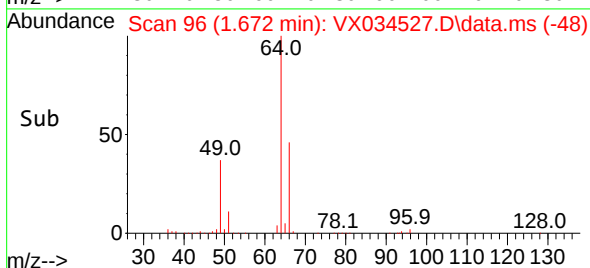
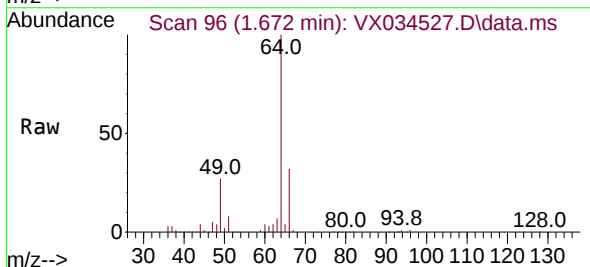
Manual Integrations
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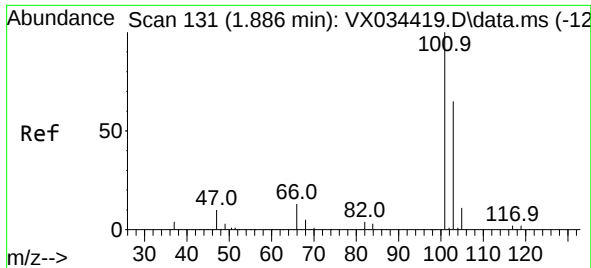
Reviewed By :John Carlone 03/16/2023
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#6
Chloroethane
Concen: 50.253 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX034527.D
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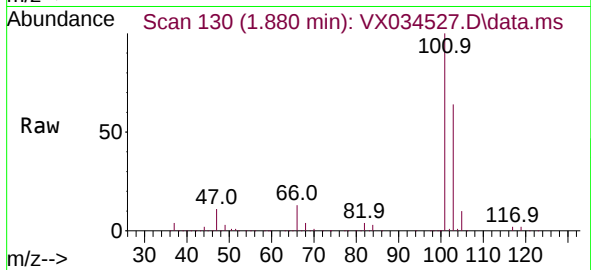
Tgt Ion: 64 Resp: 97107
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.039 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034527.D
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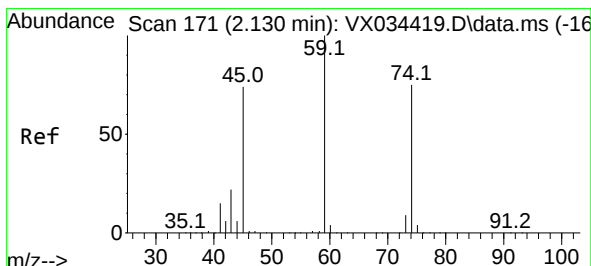
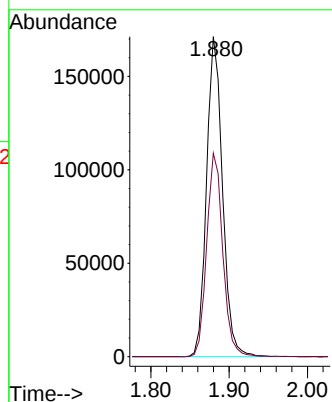
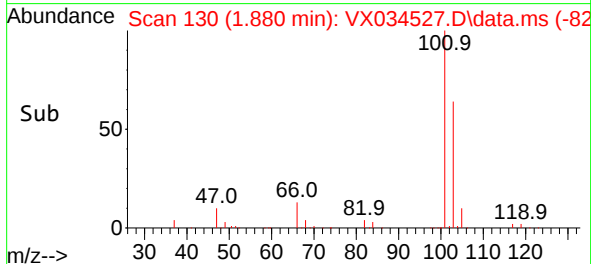
Instrument :
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RE115D2-20230309MSD



Tgt Ion:101 Resp: 24225
Ion Ratio Lower Upper
101 100
103 63.6 52.0 78.0

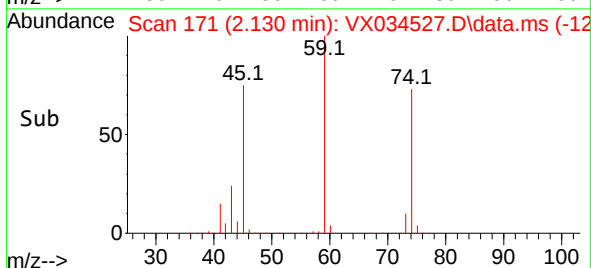
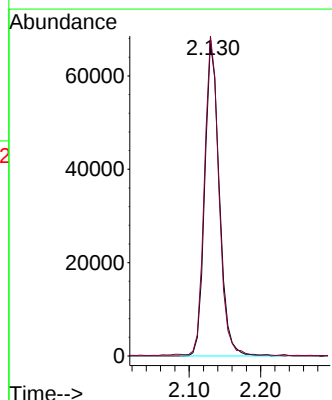
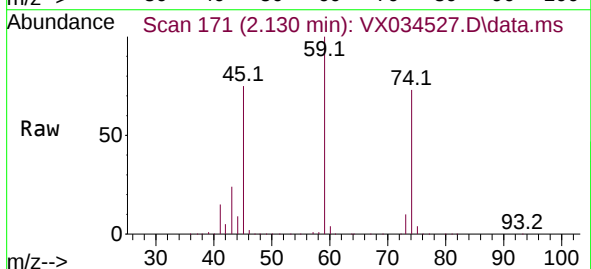
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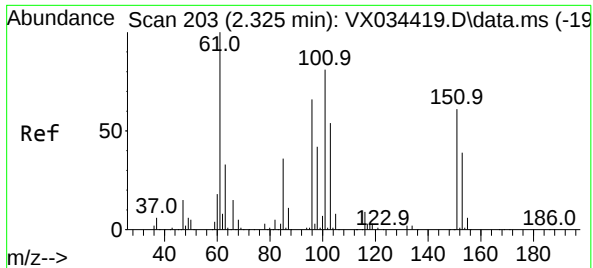
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#8
Diethyl Ether
Concen: 51.769 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Tgt Ion: 74 Resp: 95302
Ion Ratio Lower Upper
74 100
45 101.0 49.8 149.3





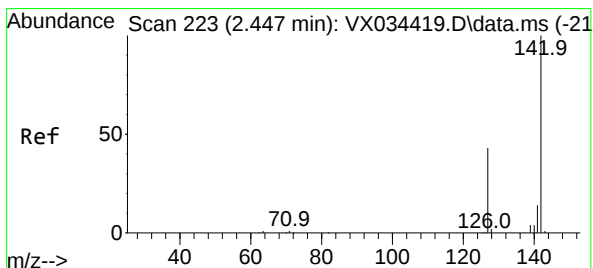
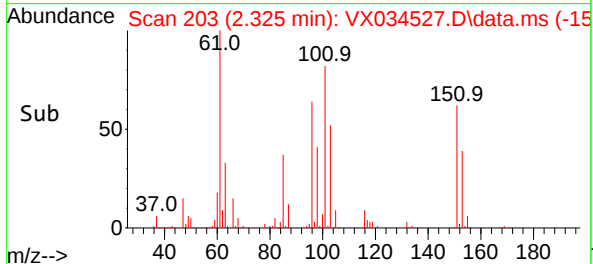
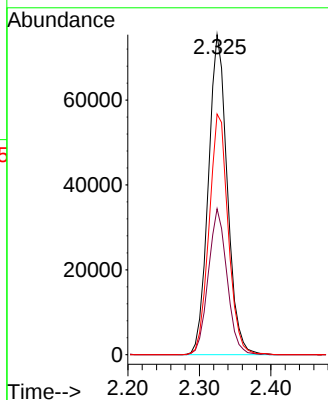
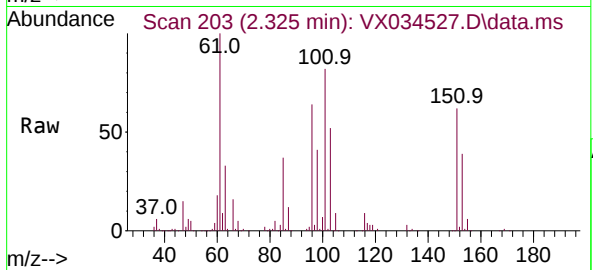
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.166 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD

Tgt Ion:101 Resp: 13861
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.2
151 75.8 60.2 90.4

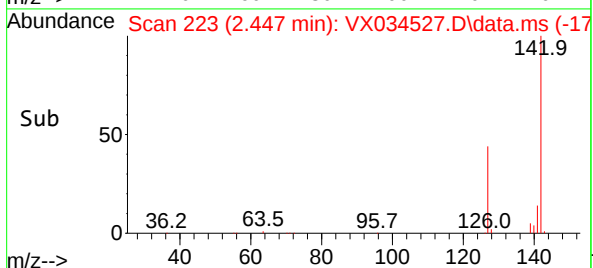
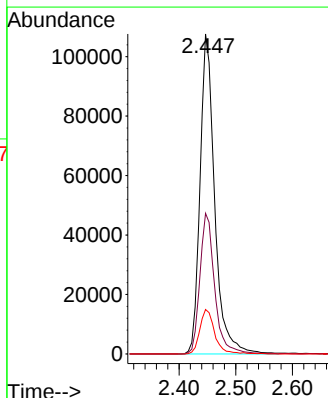
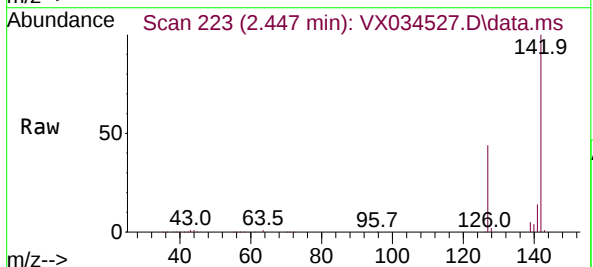
Manual Integrations
APPROVED

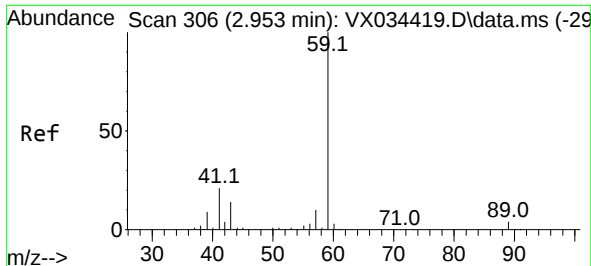
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#10
Methyl Iodide
Concen: 50.116 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

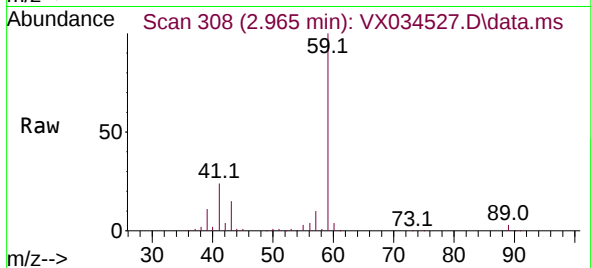
Tgt Ion:142 Resp: 193374
Ion Ratio Lower Upper
142 100
127 44.5 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 273.941 ug/l
RT: 2.965 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

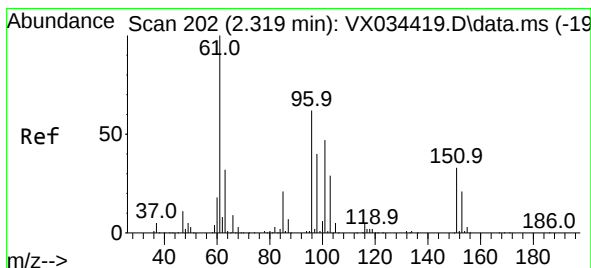
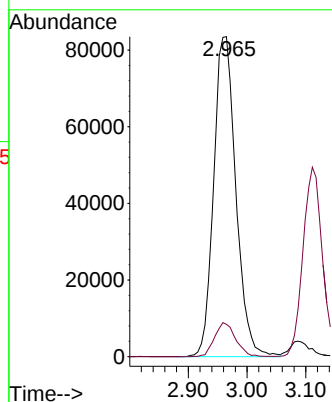
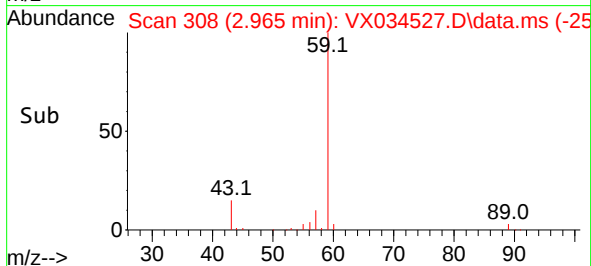
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 59 Resp: 219420
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

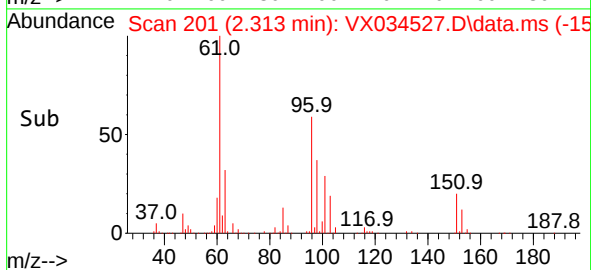
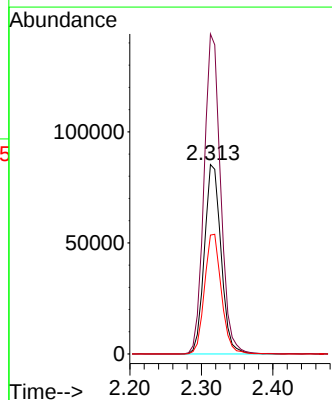
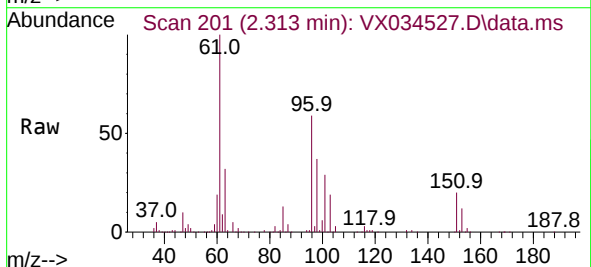
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#12
1,1-Dichloroethene
Concen: 47.666 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

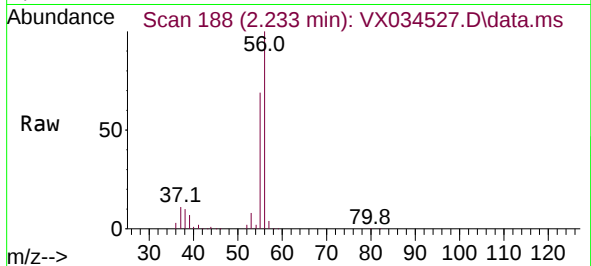
Tgt Ion: 96 Resp: 137964
Ion Ratio Lower Upper
96 100
61 168.9 128.8 193.2
98 62.7 51.4 77.0





#13
Acrolein
Concen: 333.879 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

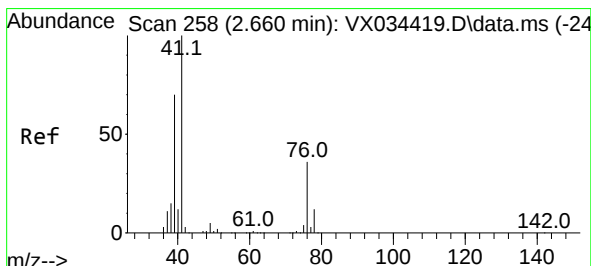
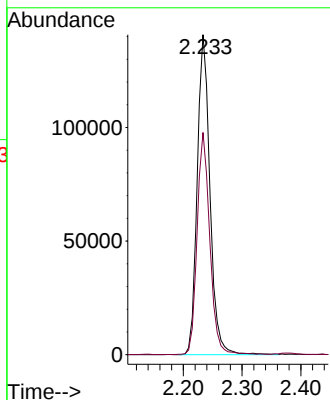
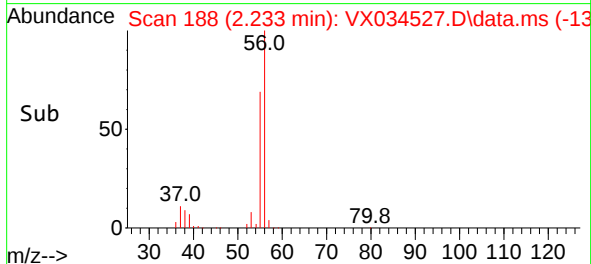
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 56 Resp: 211562
Ion Ratio Lower Upper
56 100
55 69.1 56.6 85.0

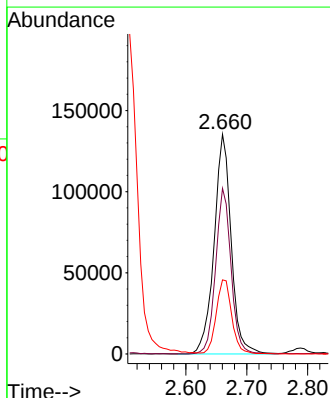
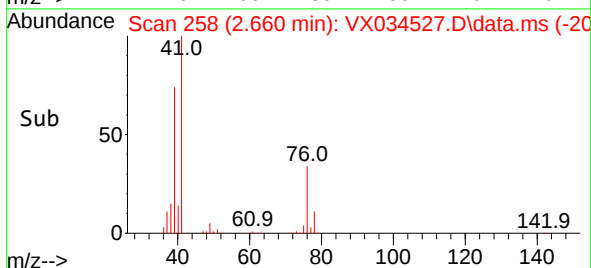
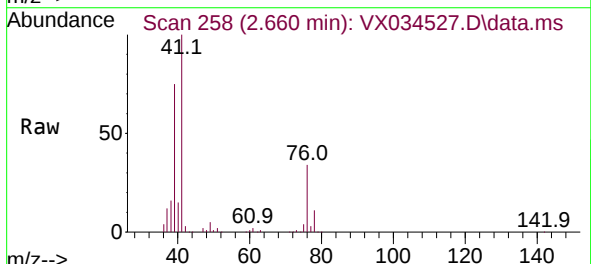
Manual Integrations
APPROVED

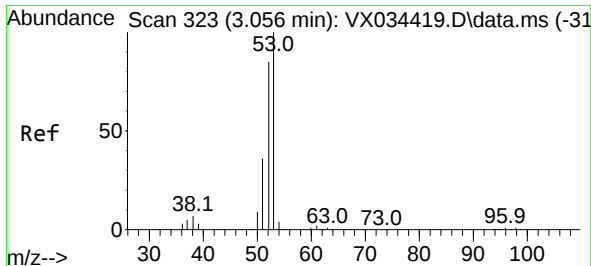
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#14
Allyl chloride
Concen: 44.894 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Tgt Ion: 41 Resp: 263439
Ion Ratio Lower Upper
41 100
39 67.9 52.4 78.6
76 30.8 26.0 39.0





#15

Acrylonitrile

Concen: 259.534 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion: 53 Resp: 449059

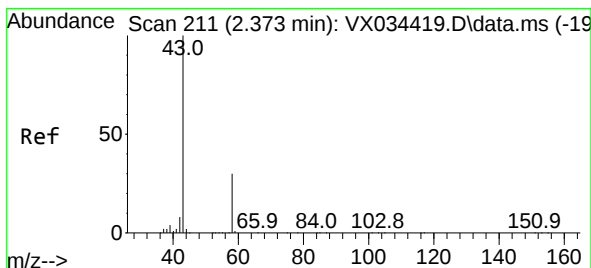
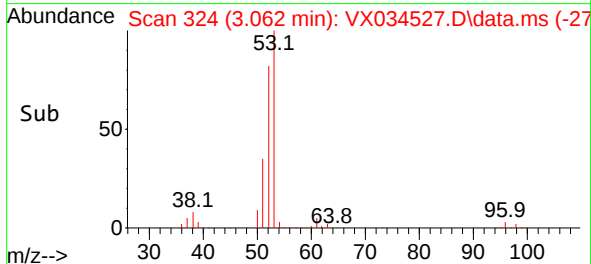
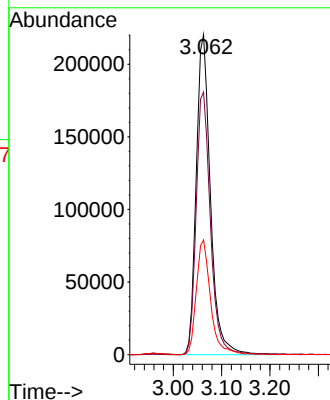
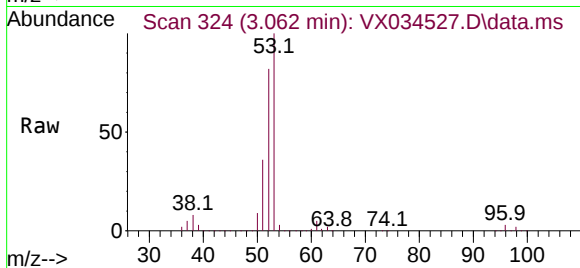
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	36.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#16

Acetone

Concen: 223.205 ug/l

RT: 2.380 min Scan# 212

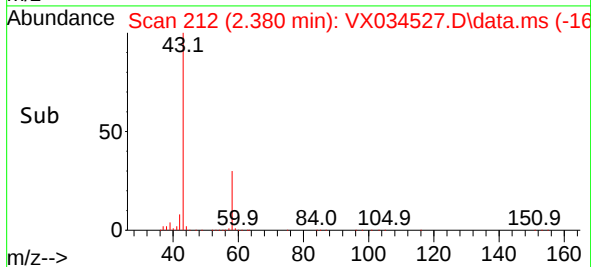
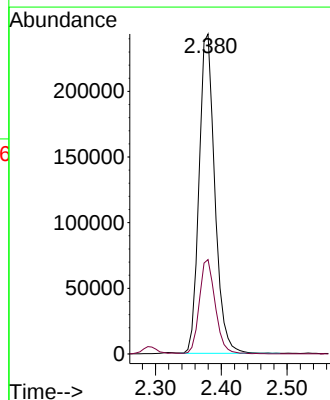
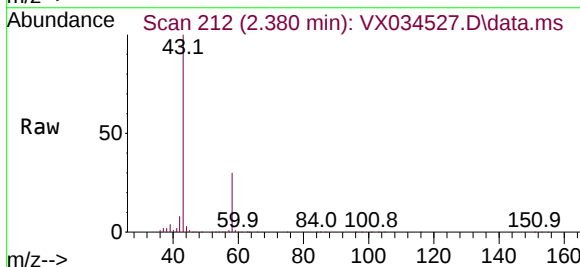
Delta R.T. 0.006 min

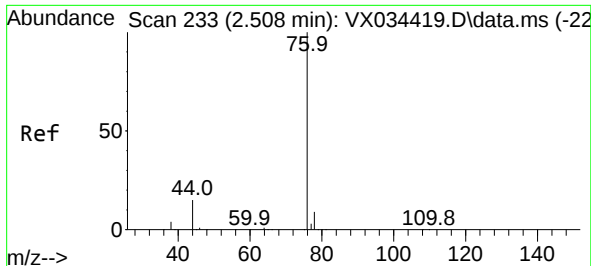
Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Tgt Ion: 43 Resp: 404409

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.7	37.1





#17

Carbon Disulfide

Concen: 39.571 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion: 76 Resp: 322310

Ion Ratio Lower Upper

76 100

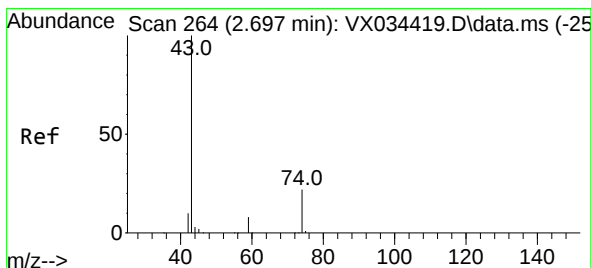
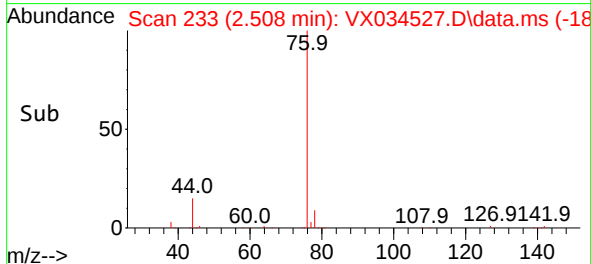
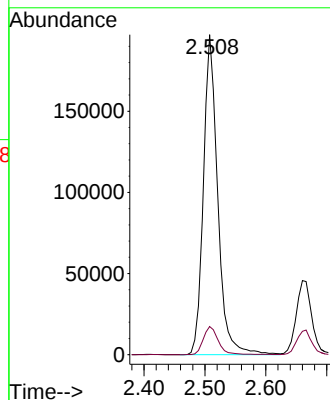
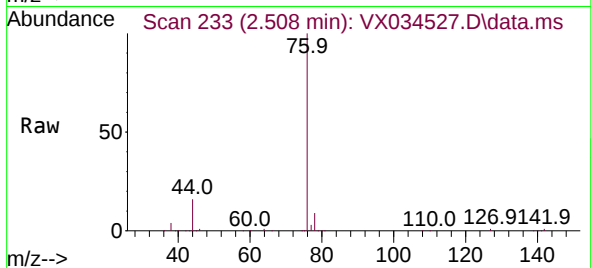
78 8.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#18

Methyl Acetate

Concen: 49.942 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034527.D

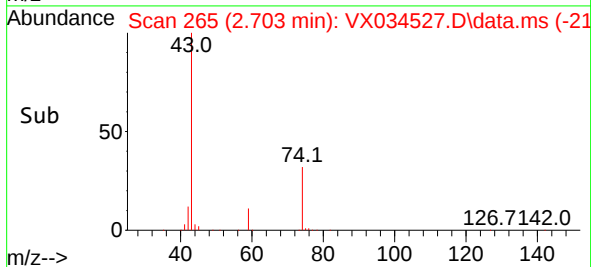
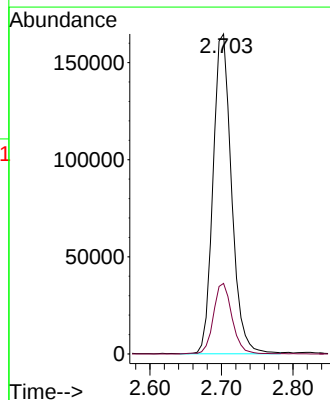
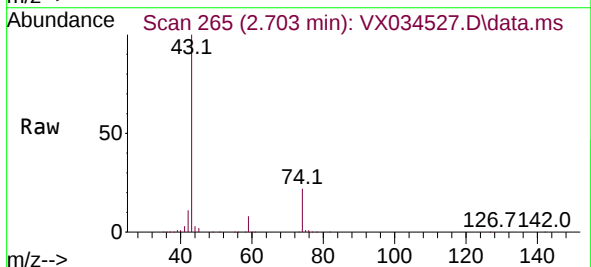
Acq: 15 Mar 2023 22:38

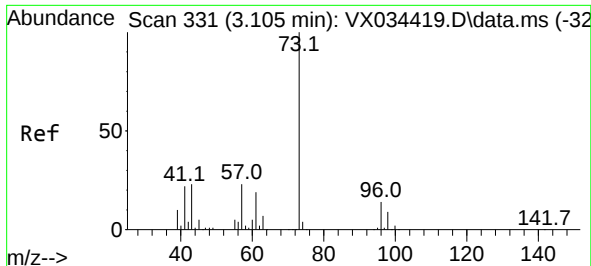
Tgt Ion: 43 Resp: 295664

Ion Ratio Lower Upper

43 100

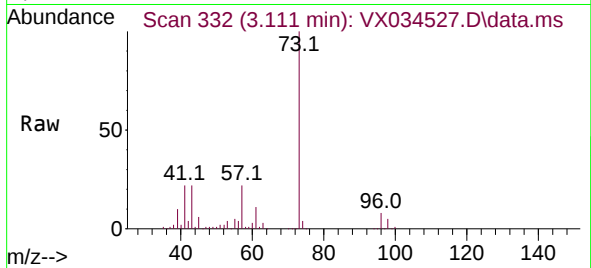
74 22.4 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 48.956 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

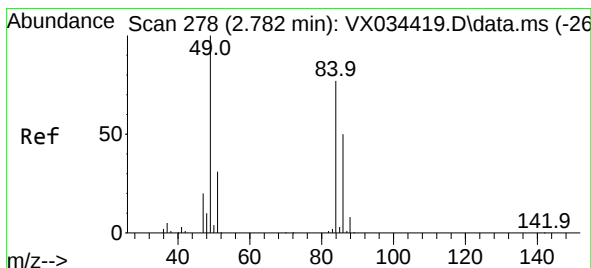
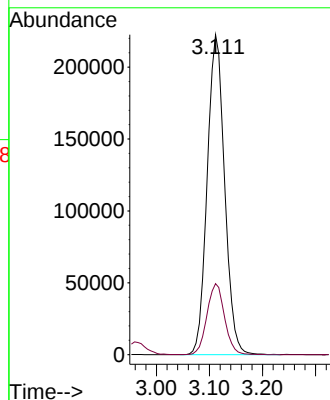
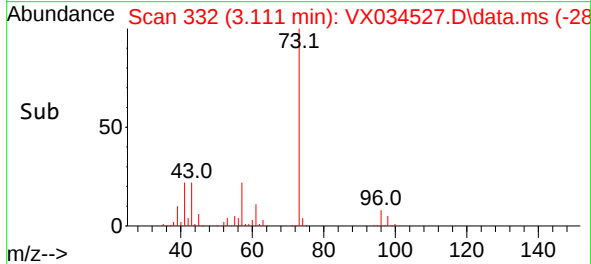
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 73 Resp: 507339
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7

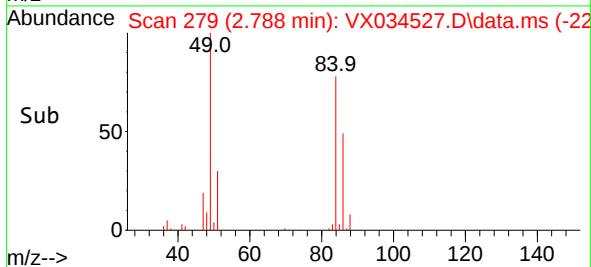
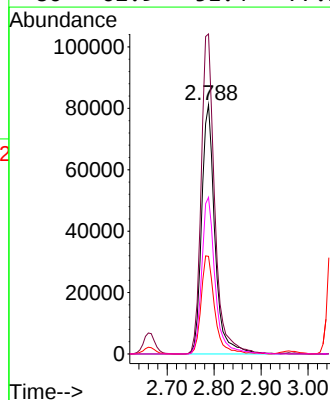
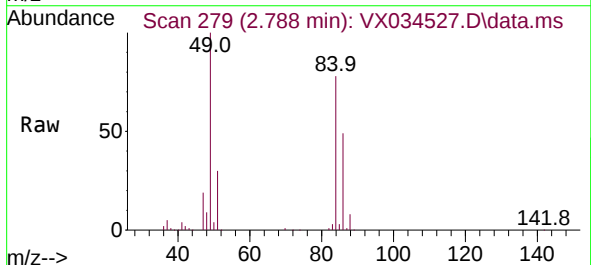
Manual Integrations
APPROVED

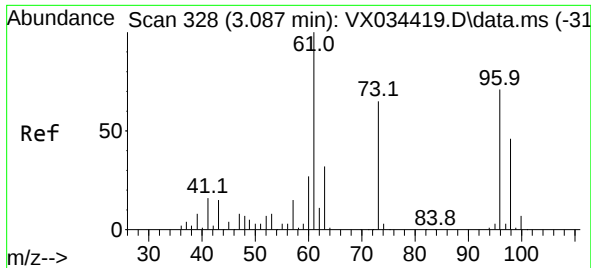
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#20
Methylene Chloride
Concen: 45.413 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

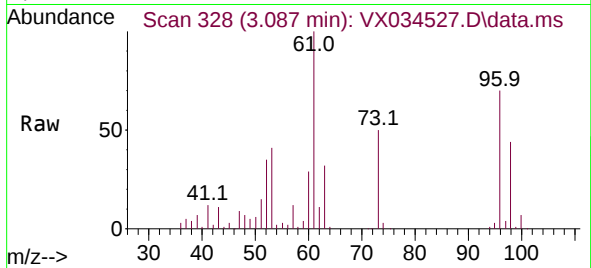
Tgt Ion: 84 Resp: 159690
Ion Ratio Lower Upper
84 100
49 128.4 103.8 155.8
51 39.2 31.8 47.8
86 62.9 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 46.289 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

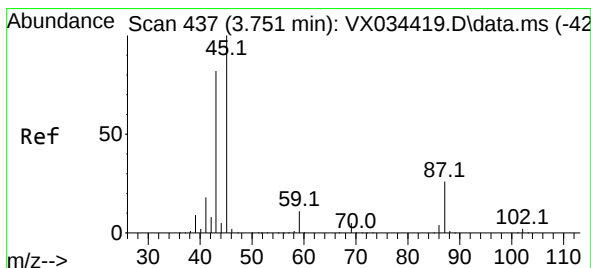
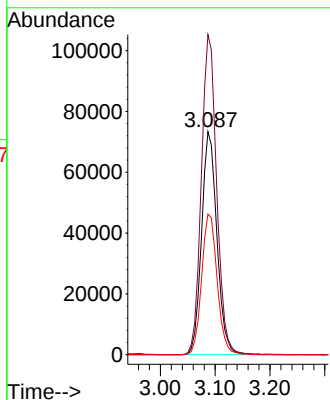
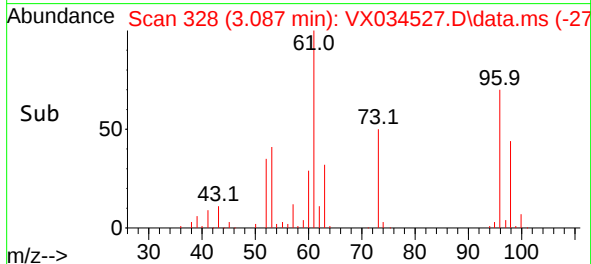
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



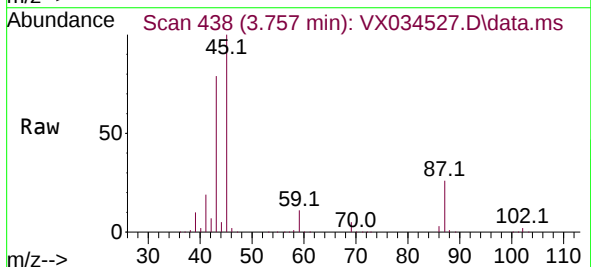
Tgt Ion: 96 Resp: 142280
Ion Ratio Lower Upper
96 100
61 143.4 113.0 169.6
98 63.1 52.1 78.1

Manual Integrations
APPROVED

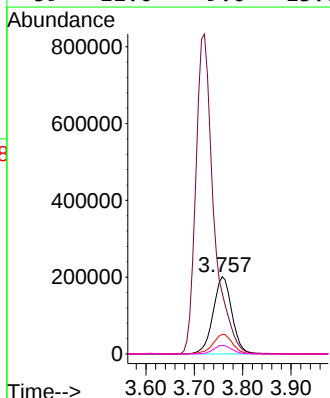
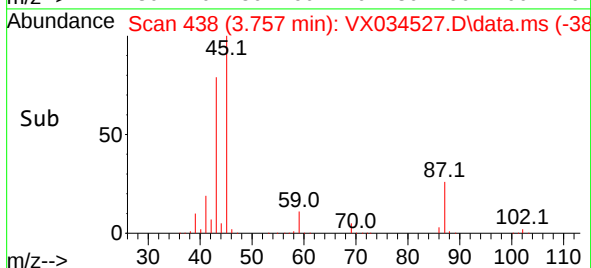
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

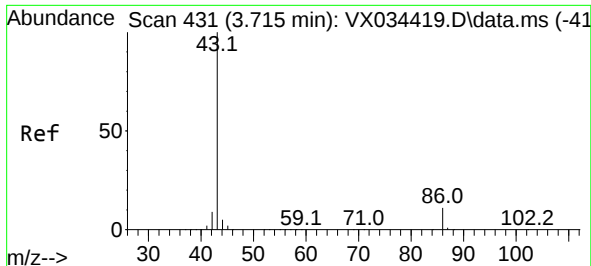


#22
Diisopropyl ether
Concen: 48.435 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38



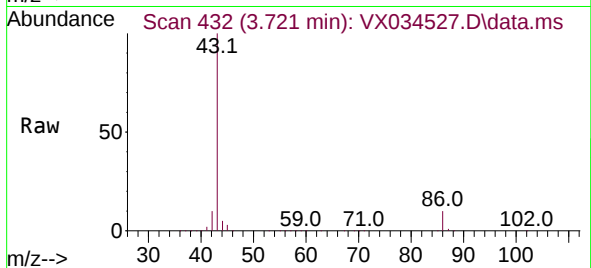
Tgt Ion: 45 Resp: 541882
Ion Ratio Lower Upper
45 100
43 78.4 65.4 98.2
87 25.6 20.6 31.0
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 251.848 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034527.D
 Acq: 15 Mar 2023 22:38

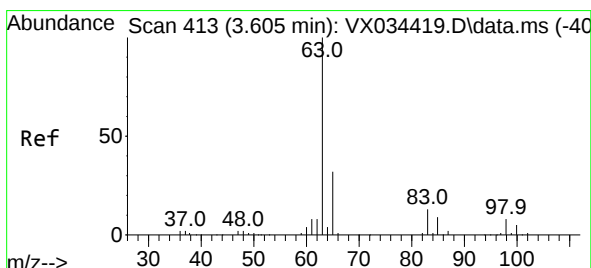
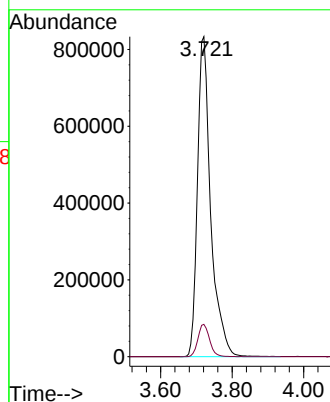
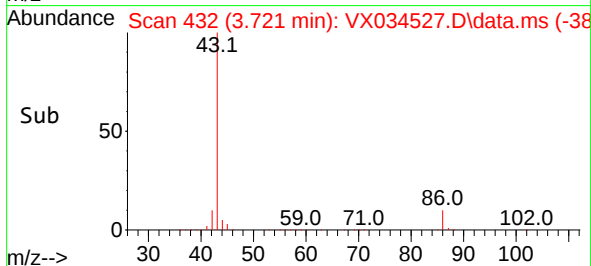
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20230309MSD



Tgt Ion: 43 Resp: 214440
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

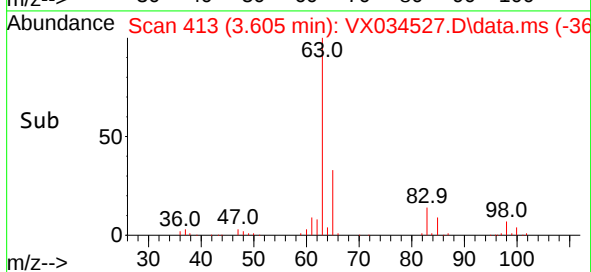
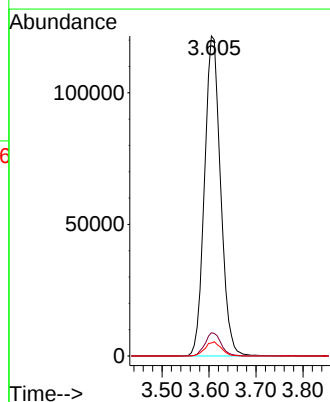
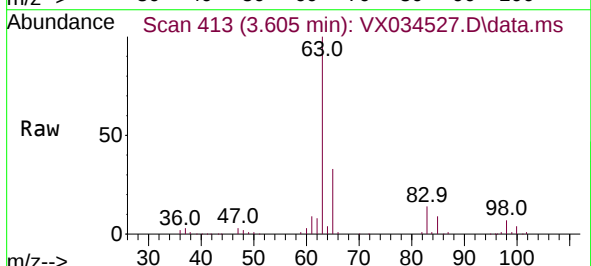
Manual Integrations
 APPROVED

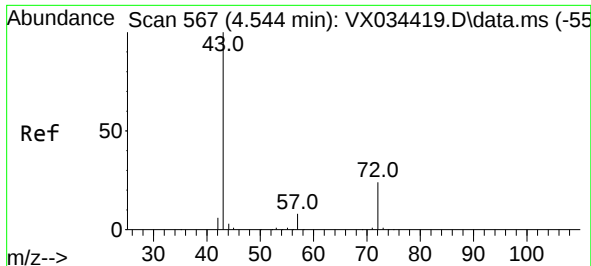
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#24
 1,1-Dichloroethane
 Concen: 47.889 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034527.D
 Acq: 15 Mar 2023 22:38

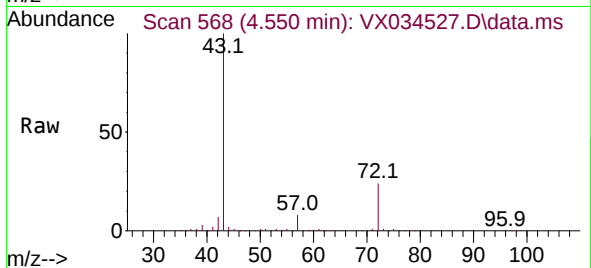
Tgt Ion: 63 Resp: 288010
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.1 2.4 7.1





#25
2-Butanone
Concen: 253.324 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

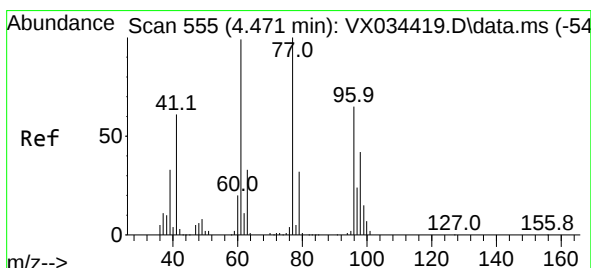
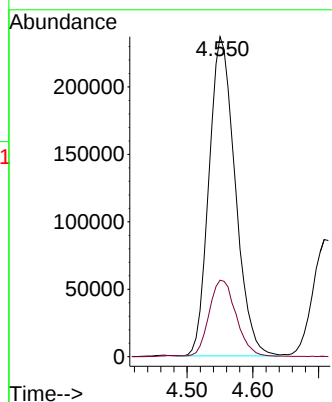
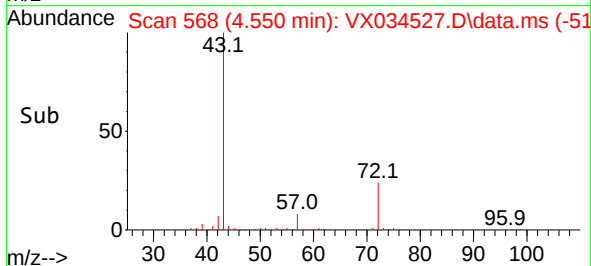
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 43 Resp: 656734
Ion Ratio Lower Upper
43 100
72 23.8 19.3 28.9

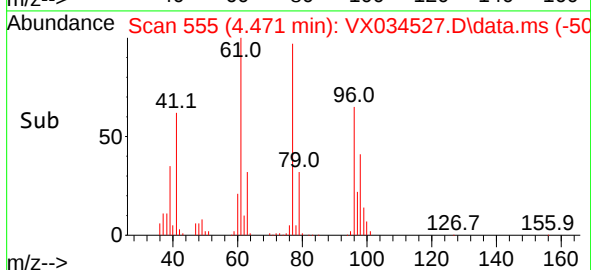
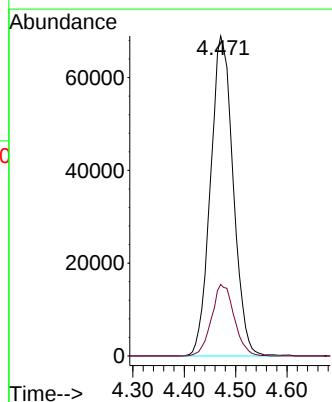
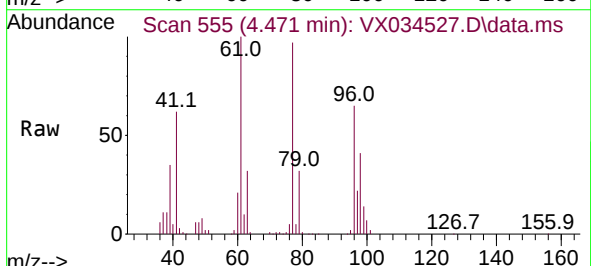
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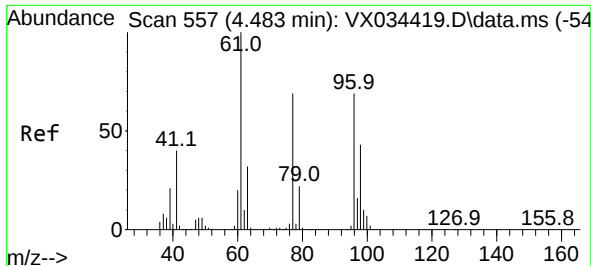
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#26
2,2-Dichloropropane
Concen: 40.458 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

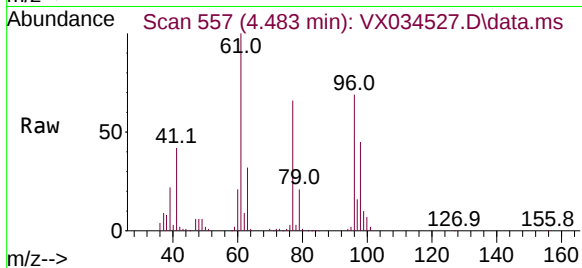
Tgt Ion: 77 Resp: 211501
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 47.770 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX034527.D
 Acq: 15 Mar 2023 22:38

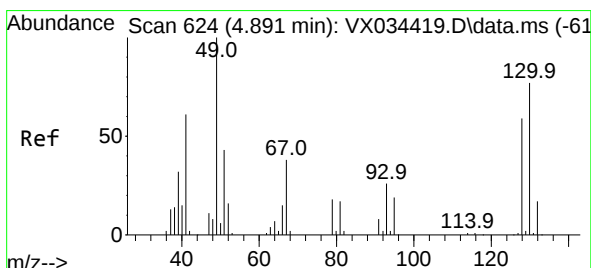
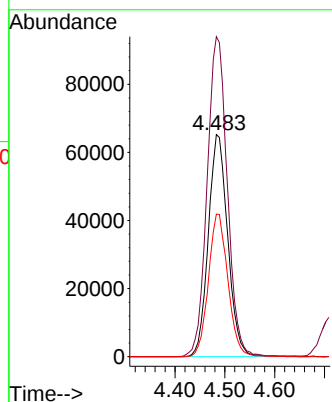
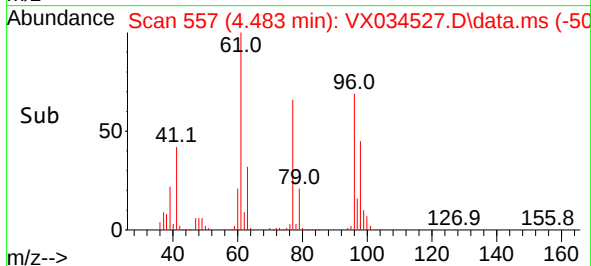
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20230309MSD



Tgt Ion: 96 Resp: 176762
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 300.4
 98 64.3 0.0 129.0

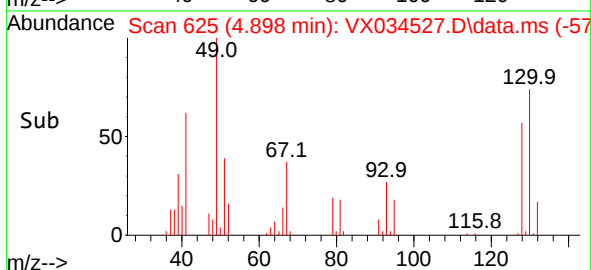
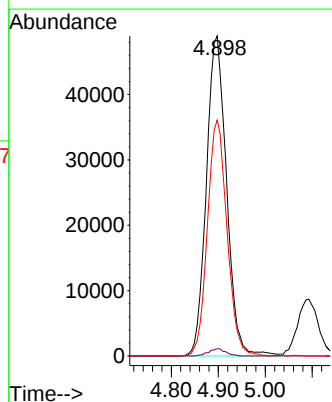
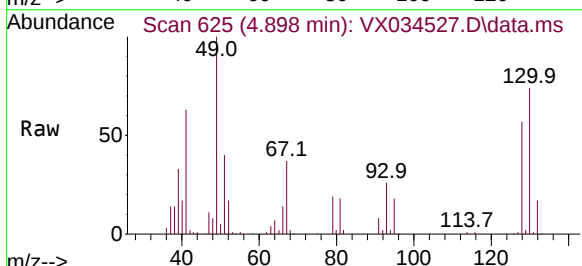
Manual Integrations
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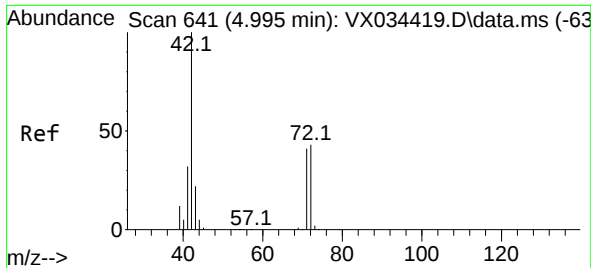
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#28
 Bromochloromethane
 Concen: 52.154 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX034527.D
 Acq: 15 Mar 2023 22:38

Tgt Ion: 49 Resp: 145840
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 71.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 265.342 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

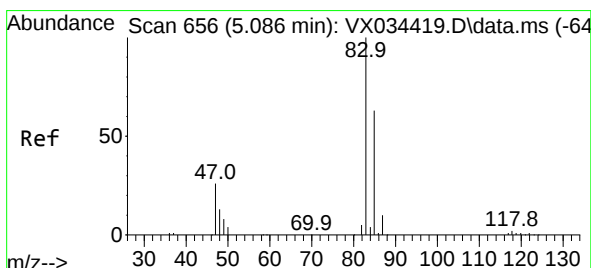
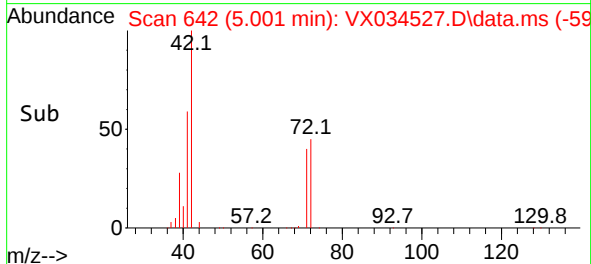
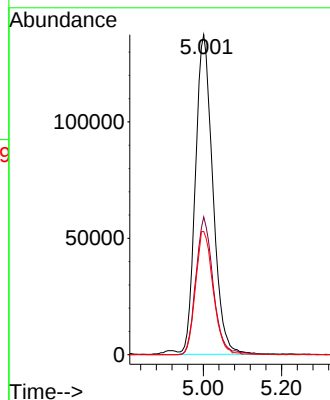
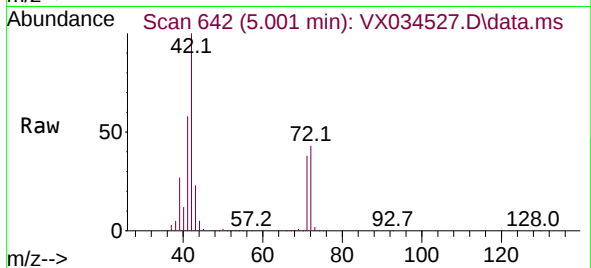
ClientSampleId :

RE115D2-20230309MSD

Tgt Ion: 42 Resp: 424469
 Ion Ratio Lower Upper
 42 100
 72 43.0 34.5 51.7
 71 39.1 32.1 48.1

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Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#30

Chloroform

Concen: 50.672 ug/l

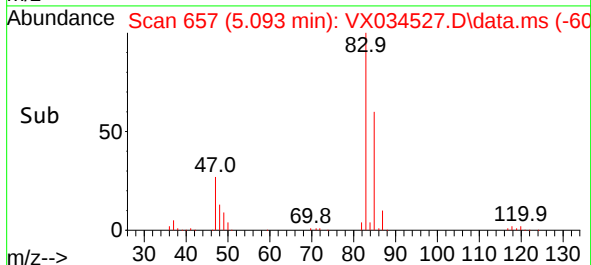
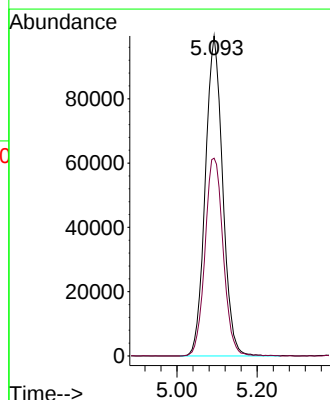
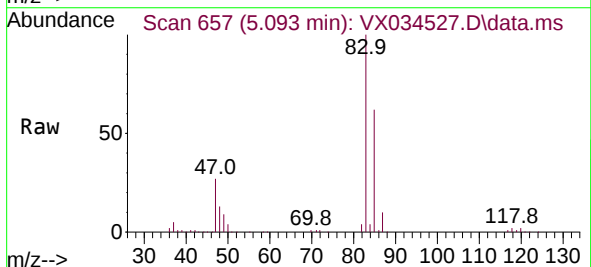
RT: 5.093 min Scan# 657

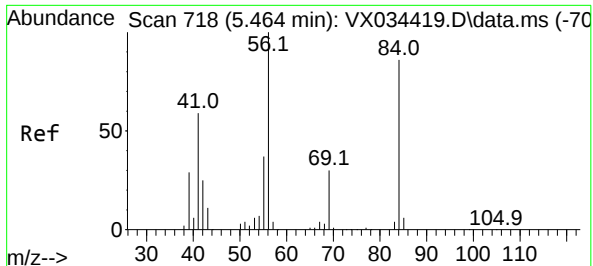
Delta R.T. 0.006 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

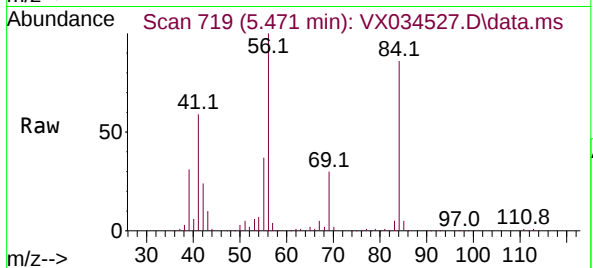
Tgt Ion: 83 Resp: 298725
 Ion Ratio Lower Upper
 83 100
 85 61.8 50.6 76.0





#31
Cyclohexane
Concen: 43.762 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

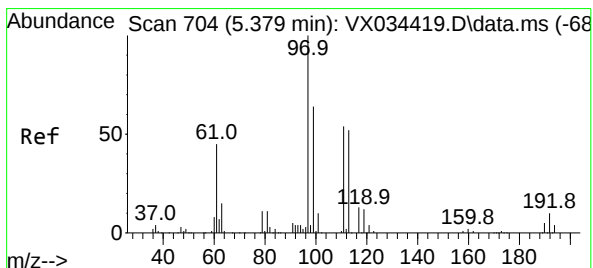
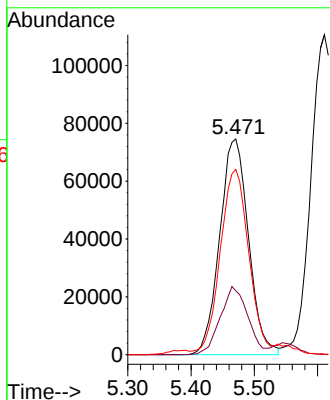
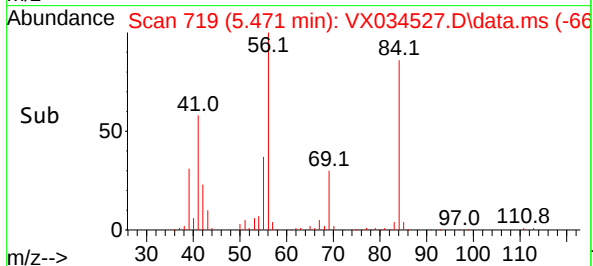
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 56 Resp: 236069
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 84.2 68.5 102.7

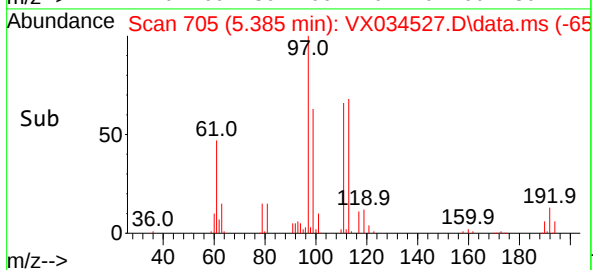
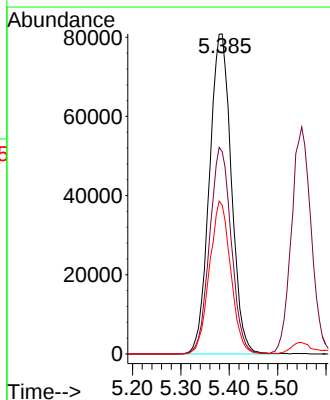
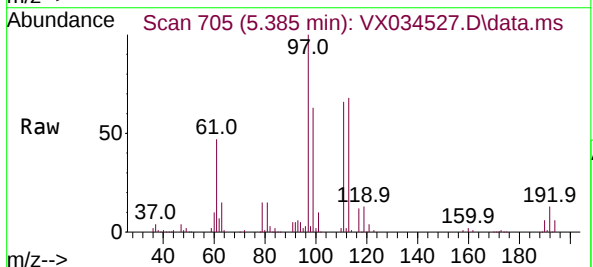
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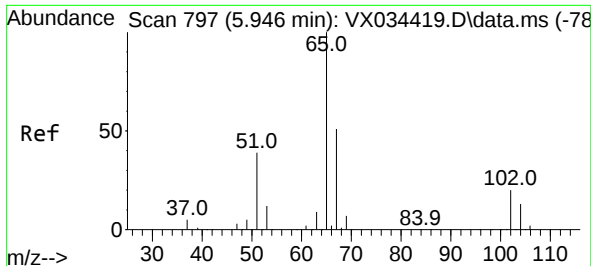
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#32
1,1,1-Trichloroethane
Concen: 48.717 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

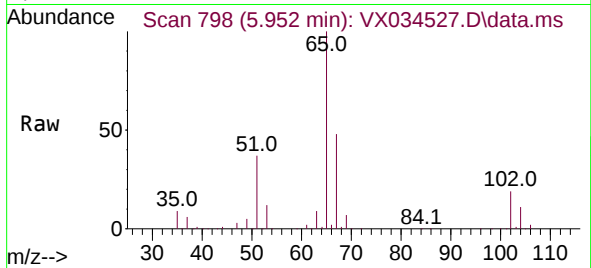
Tgt Ion: 97 Resp: 254246
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 46.4 36.5 54.7





#33
 1,2-Dichloroethane-d4
 Concen: 53.762 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034527.D
 Acq: 15 Mar 2023 22:38

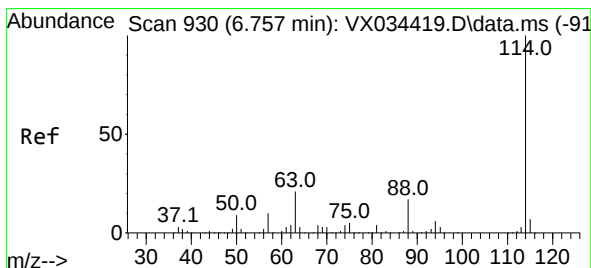
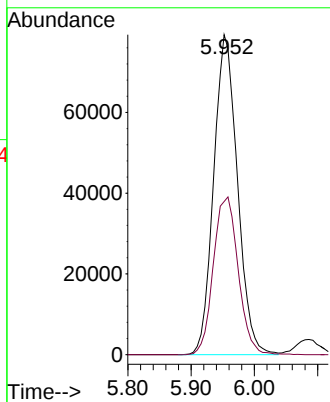
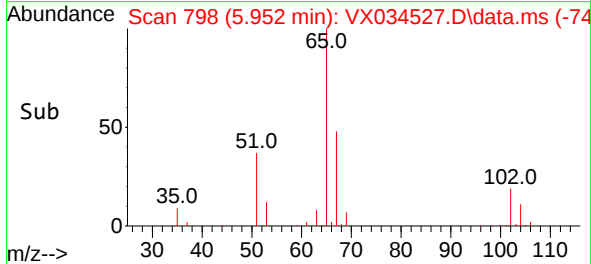
Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20230309MSD



Tgt Ion: 65 Resp: 20678
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0

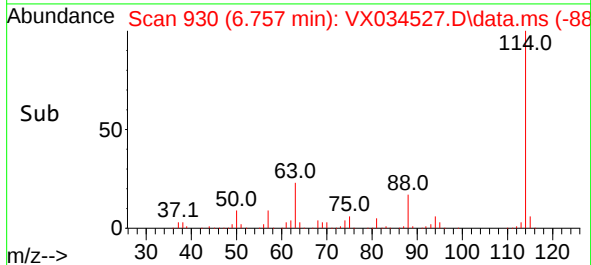
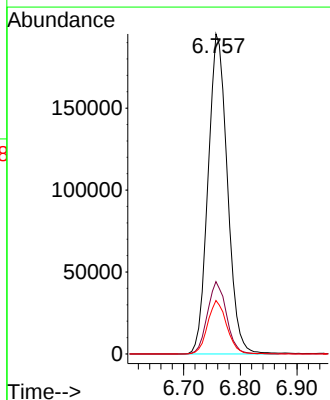
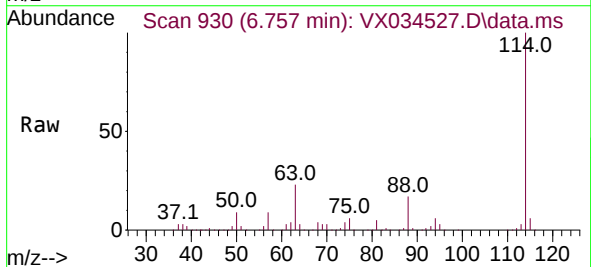
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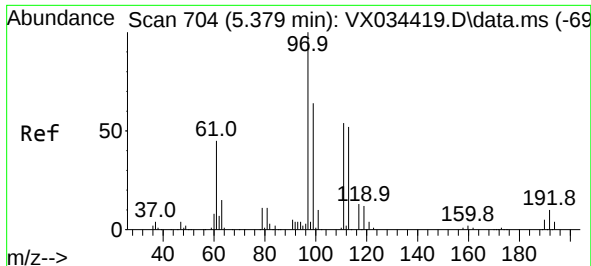
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034527.D
 Acq: 15 Mar 2023 22:38

Tgt Ion:114 Resp: 462360
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.311 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034527.D

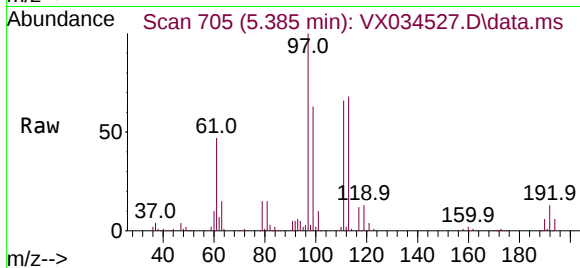
Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD



Tgt Ion: 113 Resp: 156639

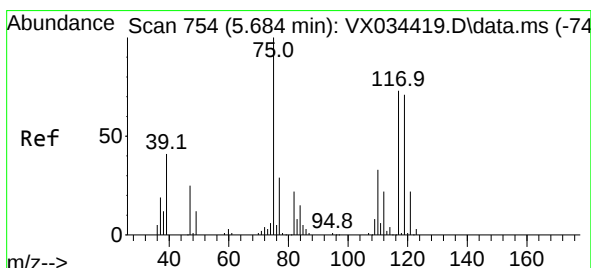
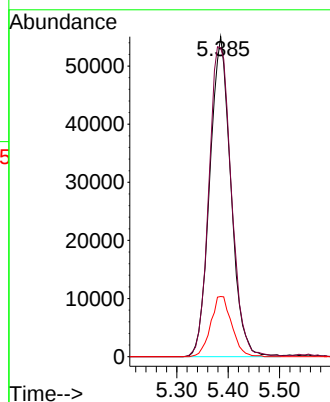
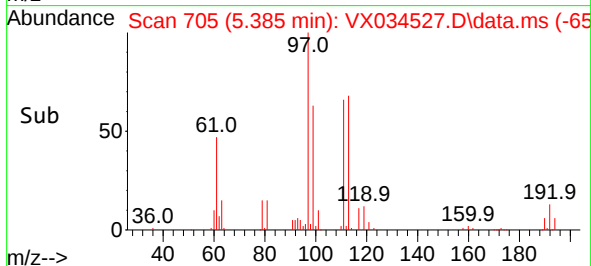
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.7	125.5
192	18.7	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#36

1,1-Dichloropropene

Concen: 43.781 ug/l

RT: 5.690 min Scan# 755

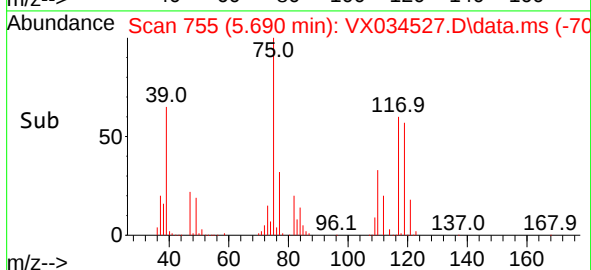
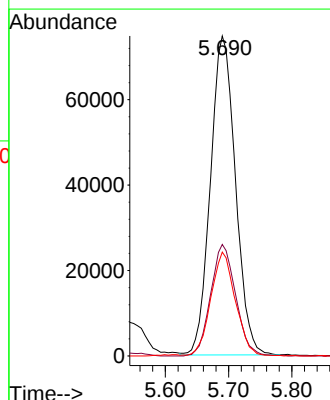
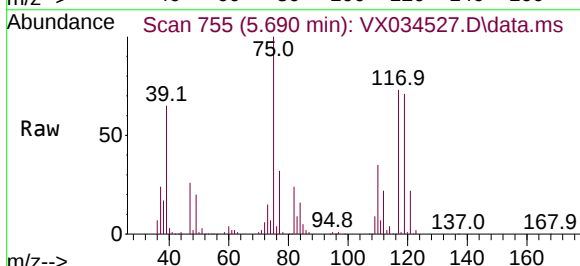
Delta R.T. 0.006 min

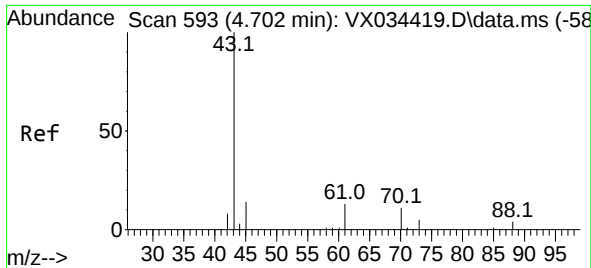
Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Tgt Ion: 75 Resp: 205280

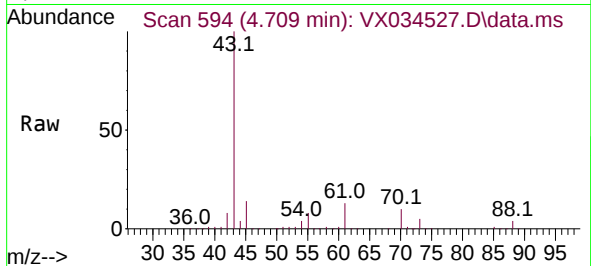
Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.5	52.5
77	32.1	24.3	36.5





#37
Ethyl Acetate
Concen: 49.346 ug/l
RT: 4.709 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

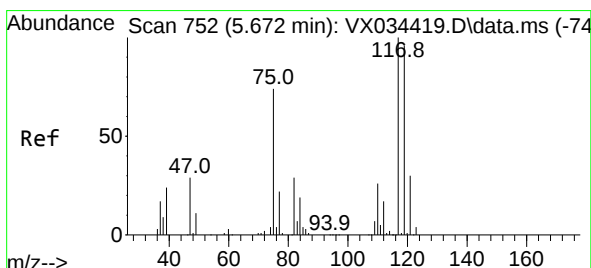
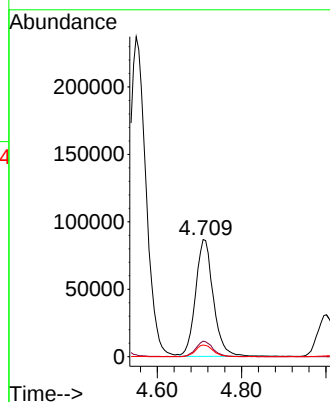
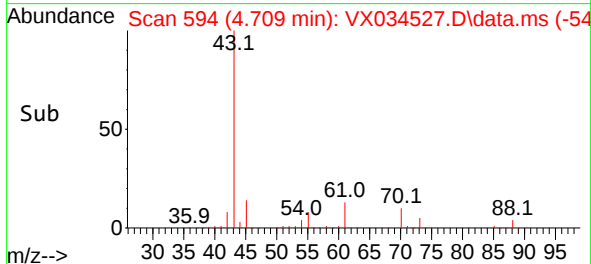
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 43 Resp: 25276
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.4
70 9.9 8.2 12.4

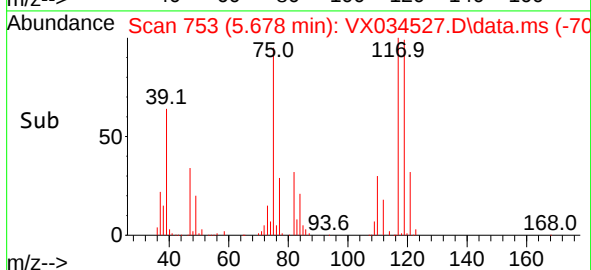
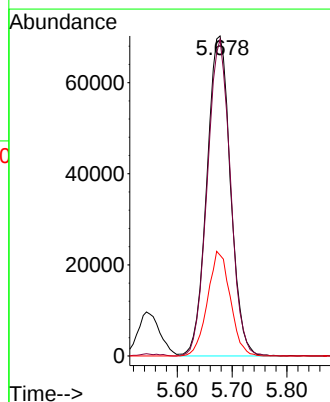
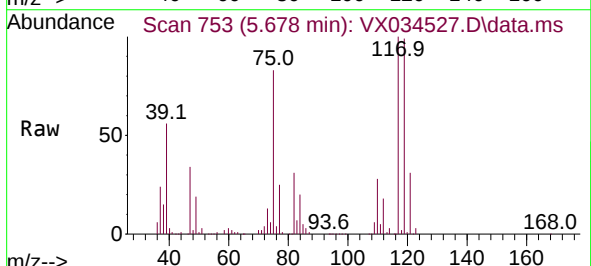
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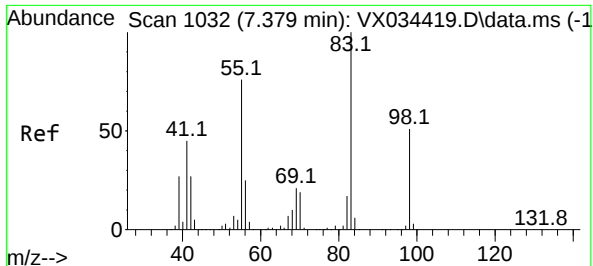
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#38
Carbon Tetrachloride
Concen: 44.994 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Tgt Ion:117 Resp: 209875
Ion Ratio Lower Upper
117 100
119 98.9 76.6 114.8
121 31.5 23.8 35.6





#39

Methylcyclohexane

Concen: 40.622 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion: 83 Resp: 227938

Ion Ratio Lower Upper

83 100

55 80.0 60.5 90.7

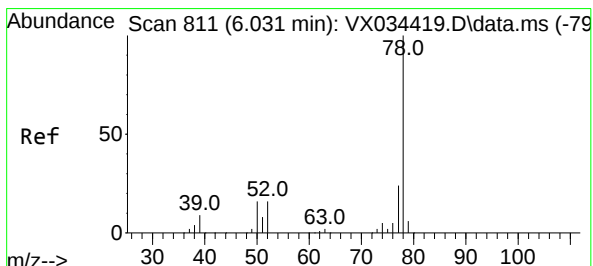
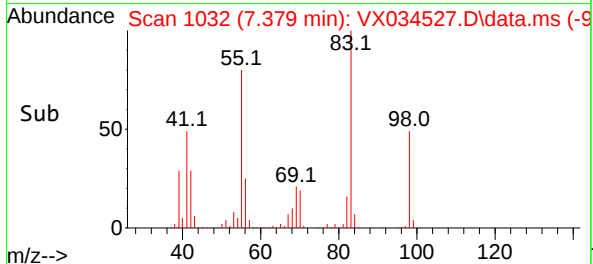
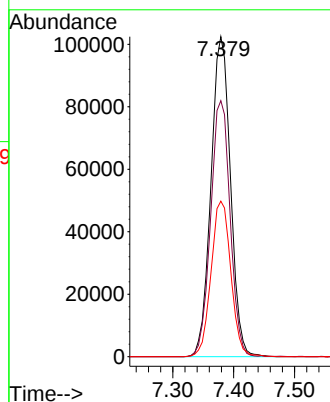
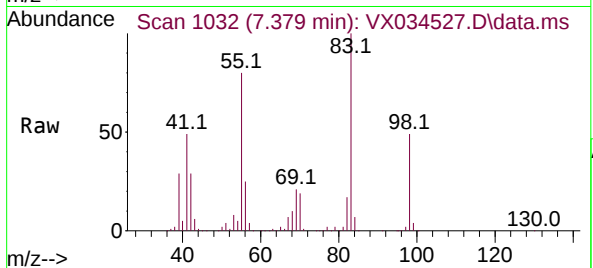
98 48.6 40.4 60.6

Manual Integrations

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Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#40

Benzene

Concen: 45.977 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034527.D

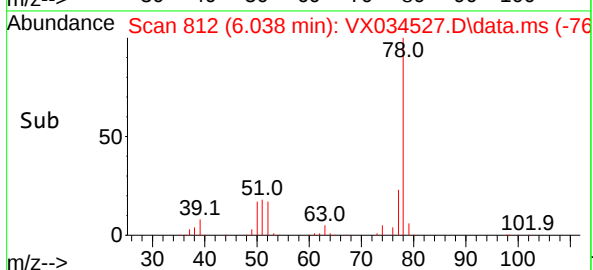
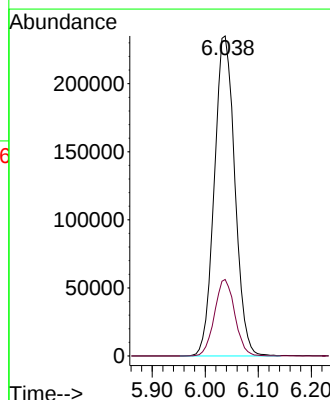
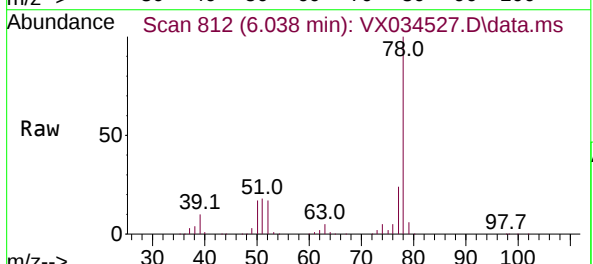
Acq: 15 Mar 2023 22:38

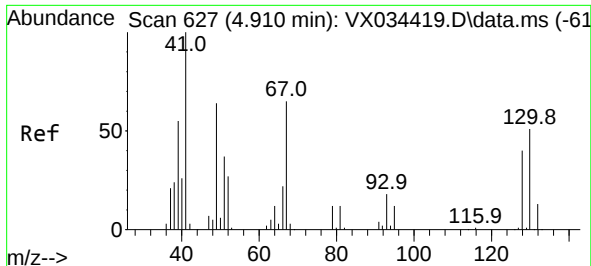
Tgt Ion: 78 Resp: 630641

Ion Ratio Lower Upper

78 100

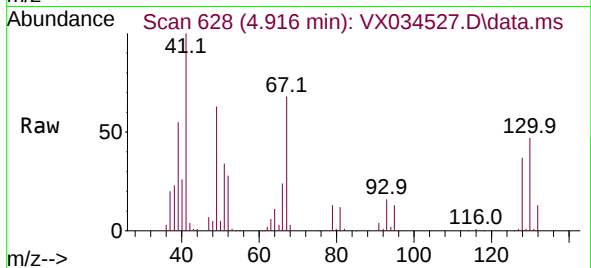
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 50.333 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

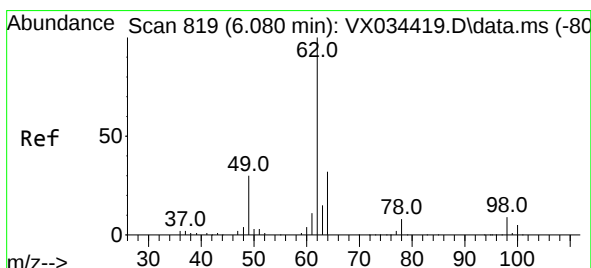
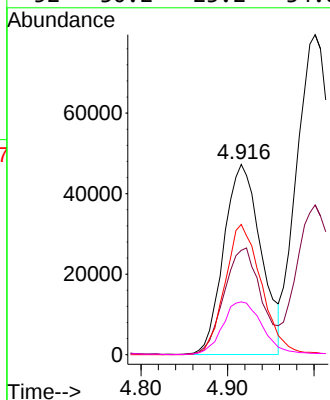
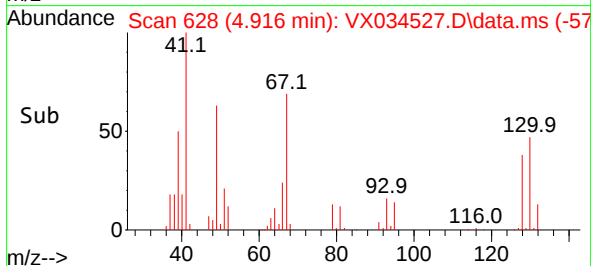
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 41 Resp: 141290
Ion Ratio Lower Upper
41 100
39 56.2 45.0 67.6
67 67.8 55.6 83.4
52 30.2 23.2 34.8

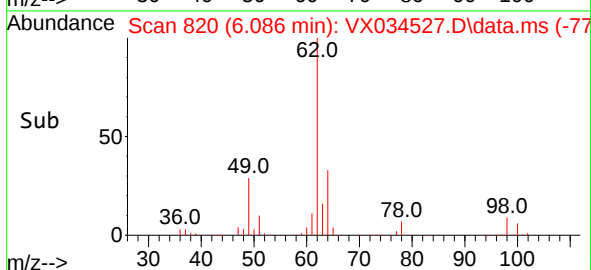
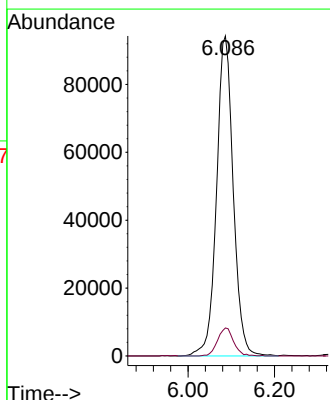
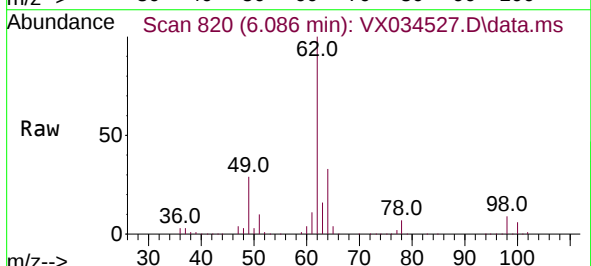
Manual Integrations
APPROVED

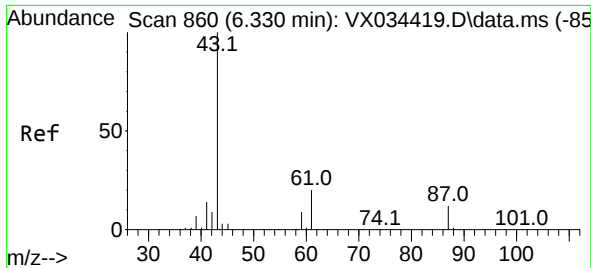
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42
1,2-Dichloroethane
Concen: 50.176 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Tgt Ion: 62 Resp: 252942
Ion Ratio Lower Upper
62 100
98 8.5 0.0 18.0





#43

Isopropyl Acetate

Concen: 48.518 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion: 43 Resp: 421020

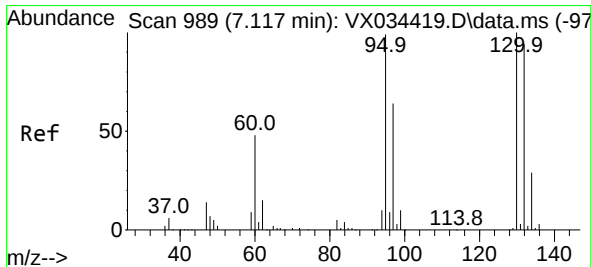
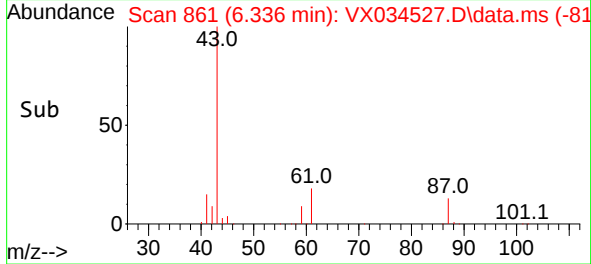
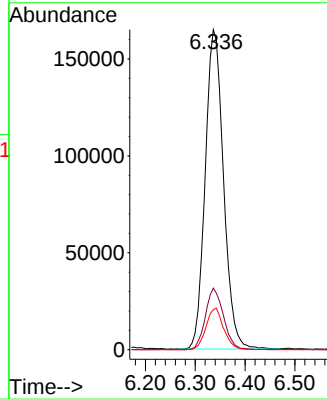
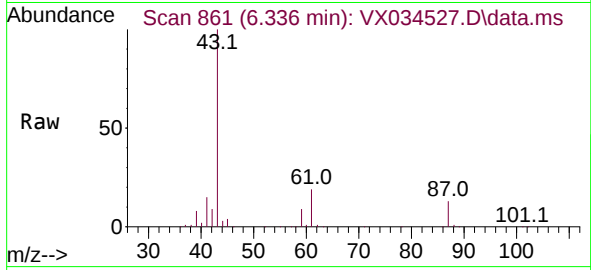
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.5	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#44

Trichloroethene

Concen: 151.209 ug/l

RT: 7.123 min Scan# 990

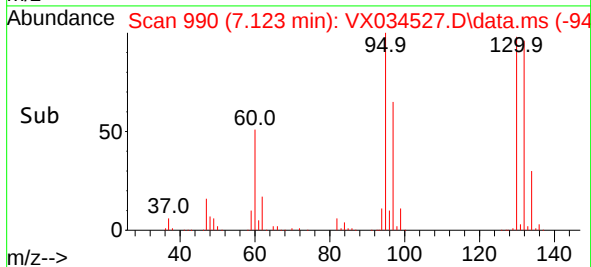
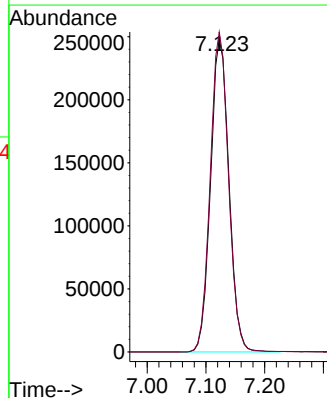
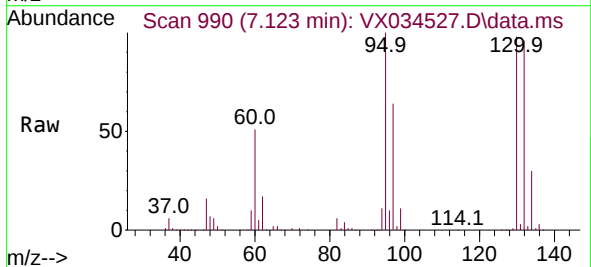
Delta R.T. 0.006 min

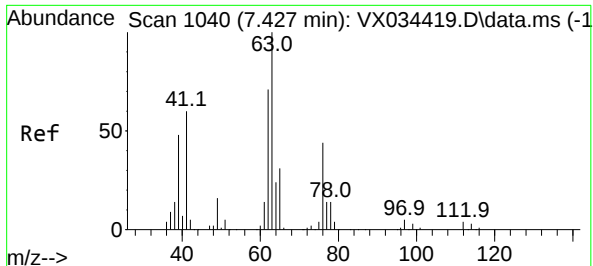
Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Tgt Ion:130 Resp: 538893

Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	198.4





#45

1,2-Dichloropropane

Concen: 46.972 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion: 63 Resp: 16822

Ion Ratio Lower Upper

63 100

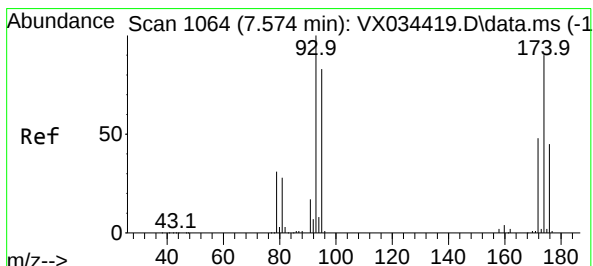
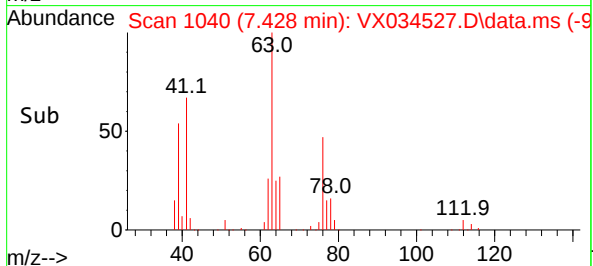
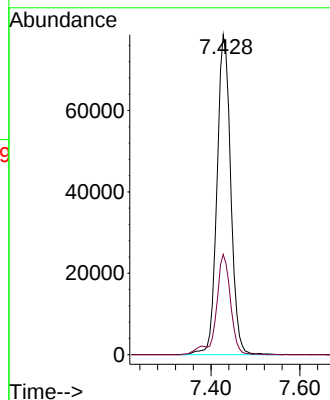
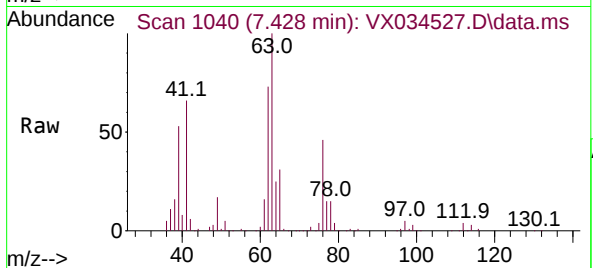
65 31.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#46

Dibromomethane

Concen: 47.378 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

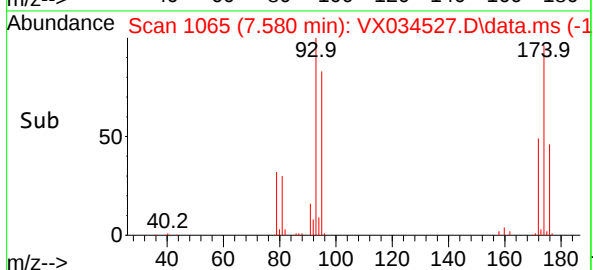
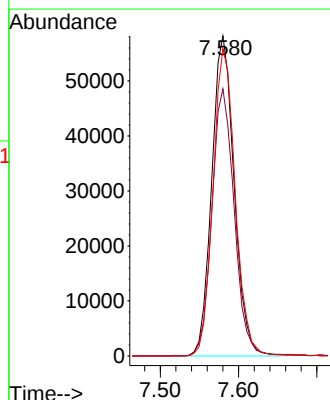
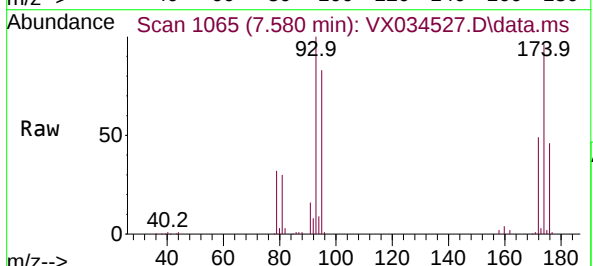
Tgt Ion: 93 Resp: 115358

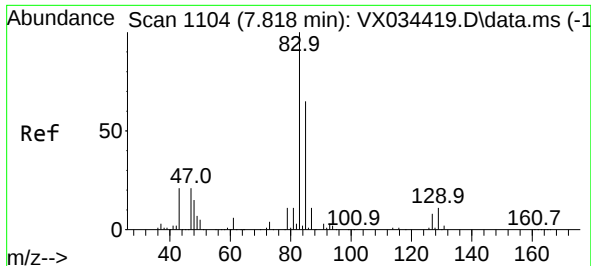
Ion Ratio Lower Upper

93 100

95 83.5 66.9 100.3

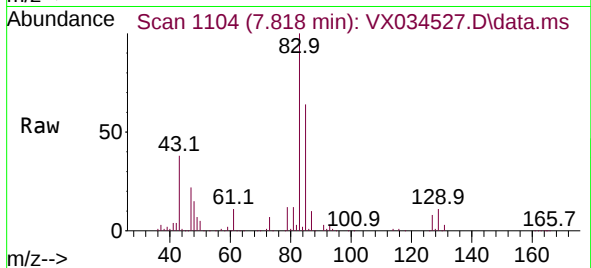
174 95.3 75.4 113.0





#47
Bromodichloromethane
Concen: 48.240 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

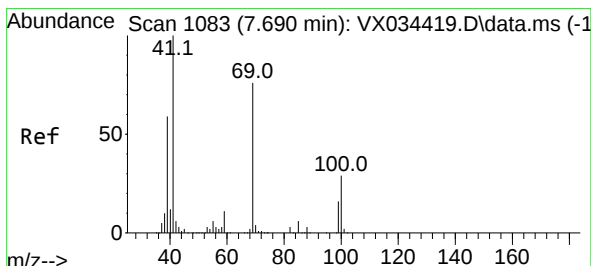
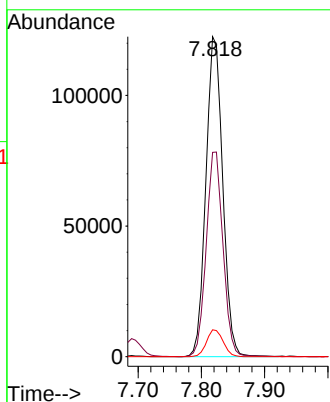
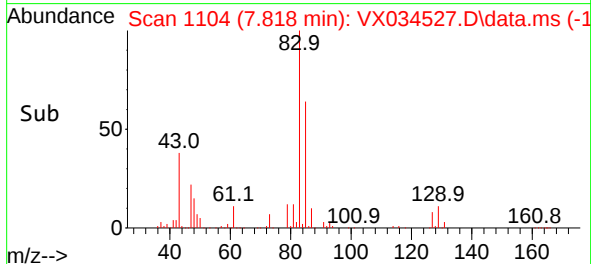
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 83 Resp: 227320
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 8.4 6.6 9.8

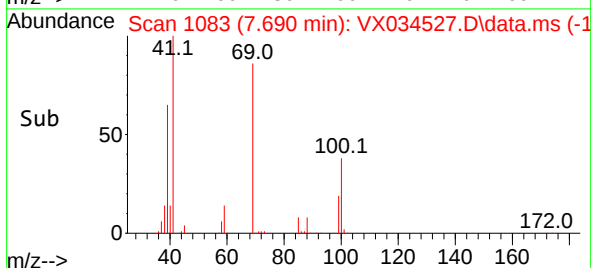
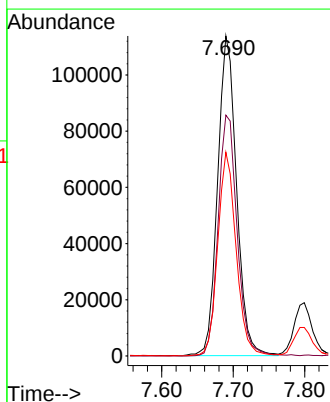
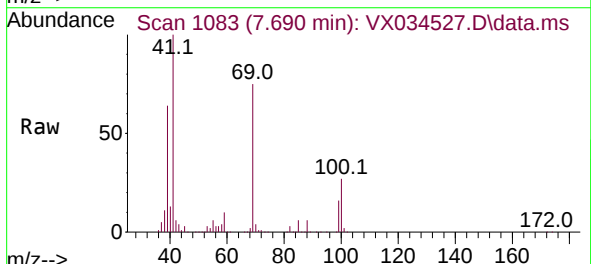
Manual Integrations
APPROVED

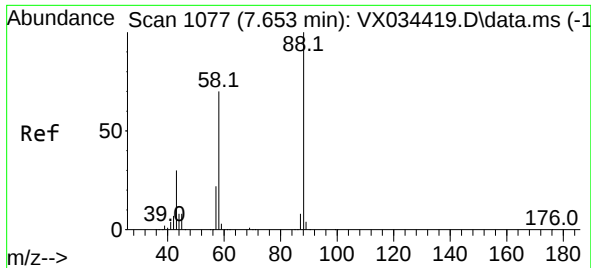
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#48
Methyl methacrylate
Concen: 50.184 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

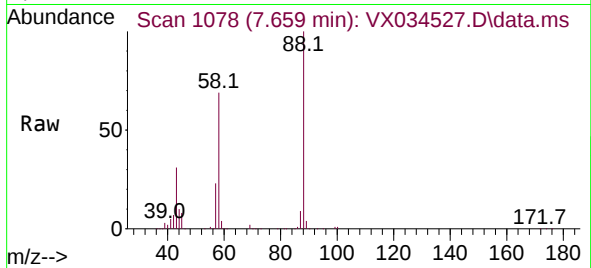
Tgt Ion: 41 Resp: 209442
Ion Ratio Lower Upper
41 100
69 75.9 62.2 93.4
39 61.8 47.7 71.5





#49
1,4-Dioxane
Concen: 1188.345 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

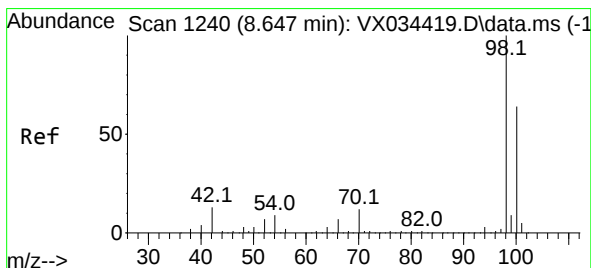
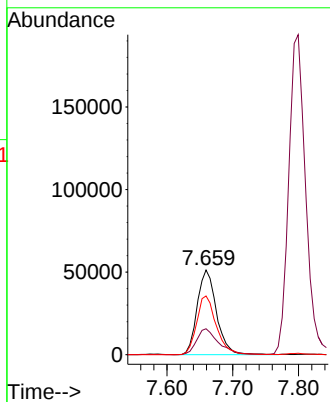
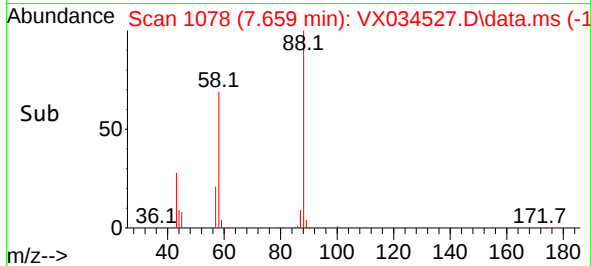
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 88 Resp: 104169
Ion Ratio Lower Upper
88 100
43 35.1 27.7 41.5
58 70.8 56.8 85.2

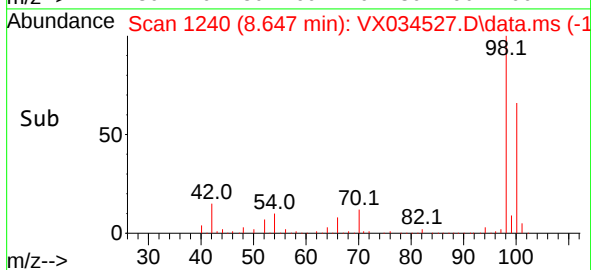
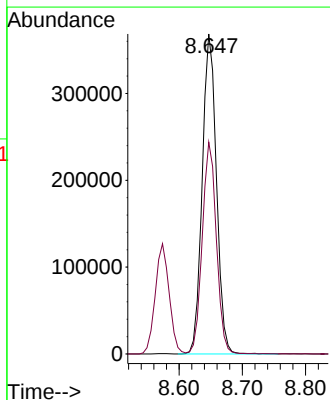
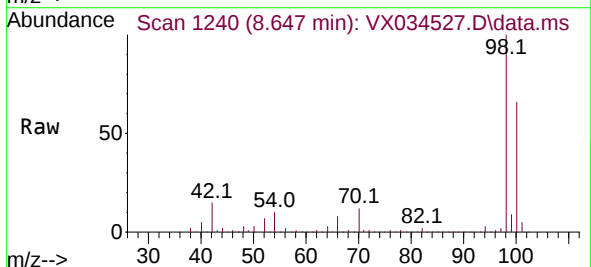
Manual Integrations
APPROVED

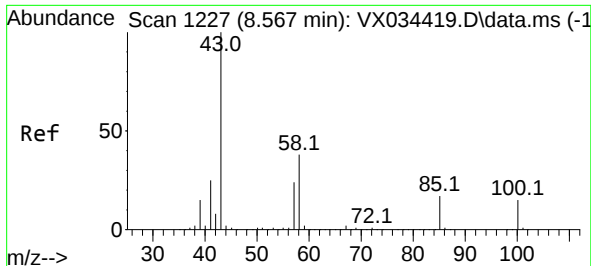
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#50
Toluene-d8
Concen: 50.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Tgt Ion: 98 Resp: 575899
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





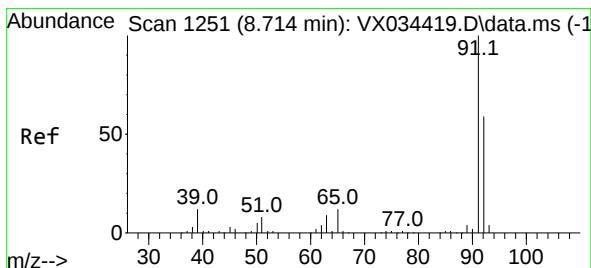
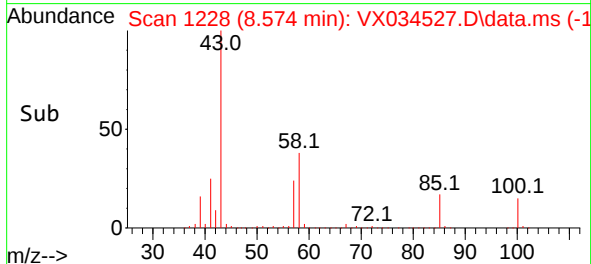
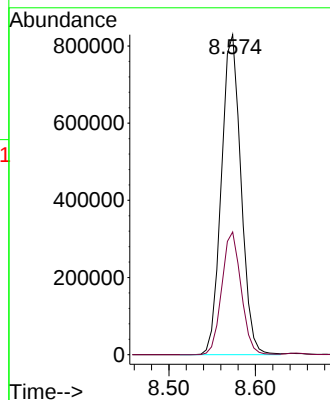
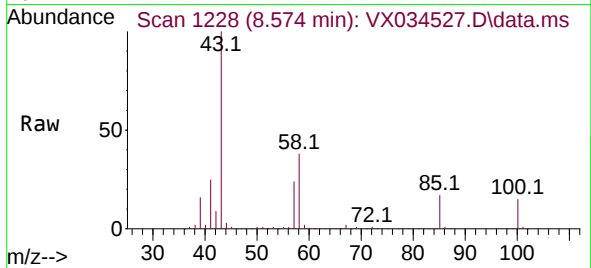
#51
4-Methyl-2-Pentanone
Concen: 258.955 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD

Tgt Ion: 43 Resp: 1303572
Ion Ratio Lower Upper
43 100
58 37.8 30.6 46.0

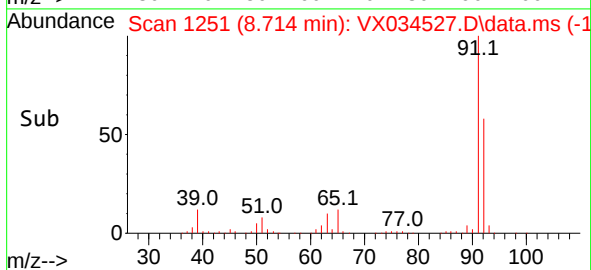
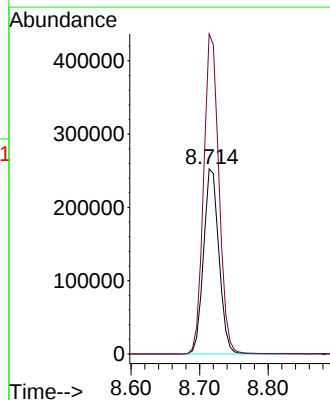
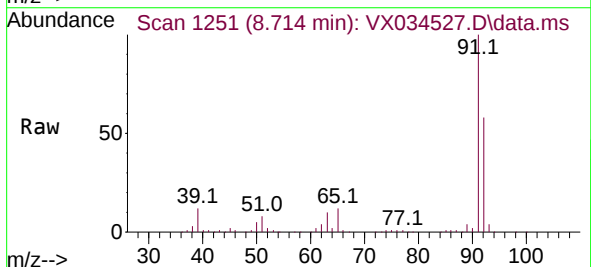
Manual Integrations
APPROVED

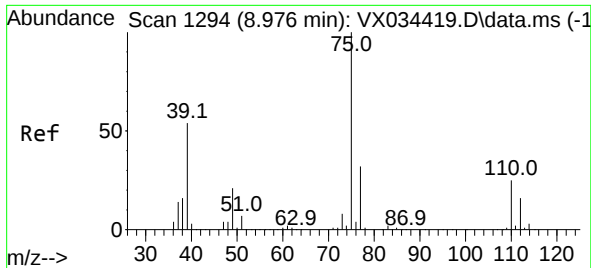
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#52
Toluene
Concen: 46.462 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

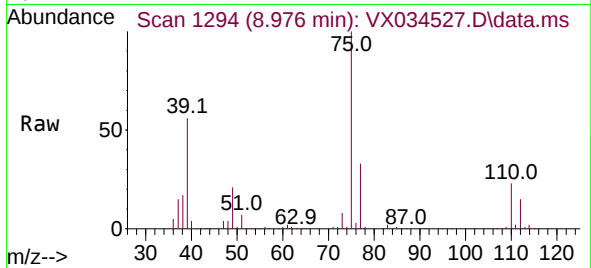
Tgt Ion: 92 Resp: 394552
Ion Ratio Lower Upper
92 100
91 172.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 46.641 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

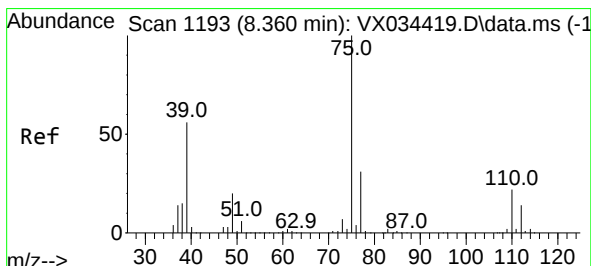
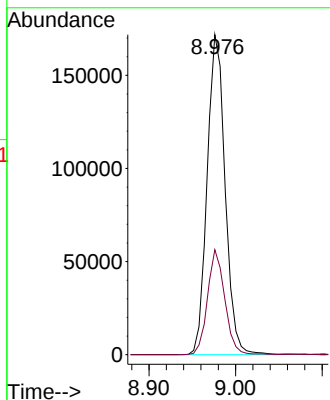
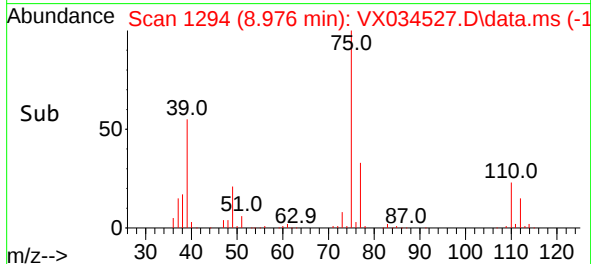
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



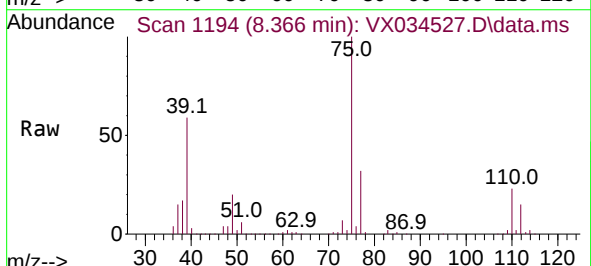
Tgt Ion: 75 Resp: 247614
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

Manual Integrations
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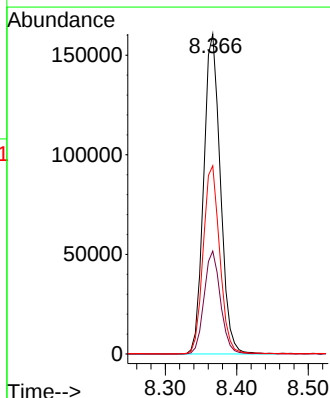
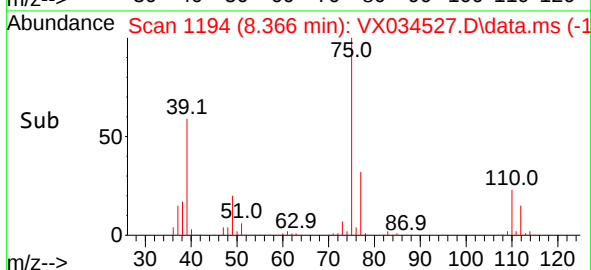
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

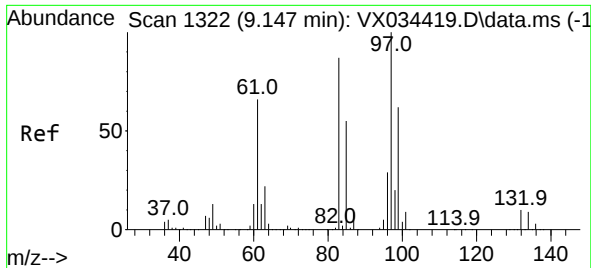


#54
cis-1,3-Dichloropropene
Concen: 45.377 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38



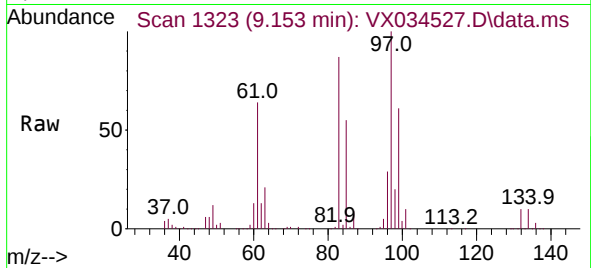
Tgt Ion: 75 Resp: 260633
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 58.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 49.455 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

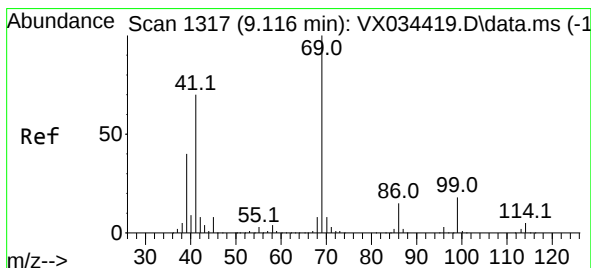
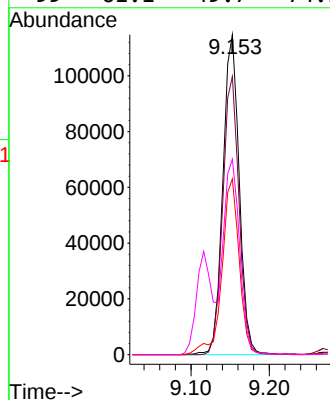
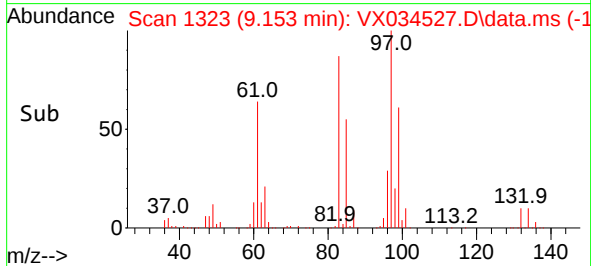
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



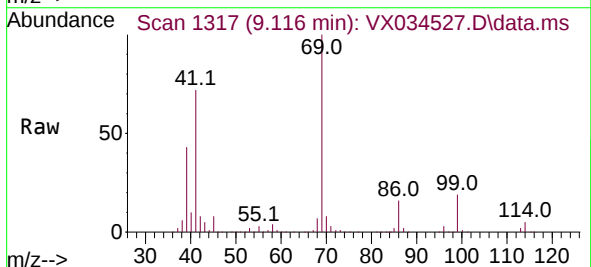
Tgt Ion: 97 Resp: 166672
Ion Ratio Lower Upper
97 100
83 86.9 69.7 104.5
85 54.9 43.7 65.5
99 61.1 49.7 74.5

Manual Integrations
APPROVED

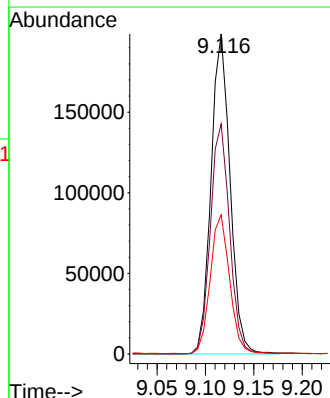
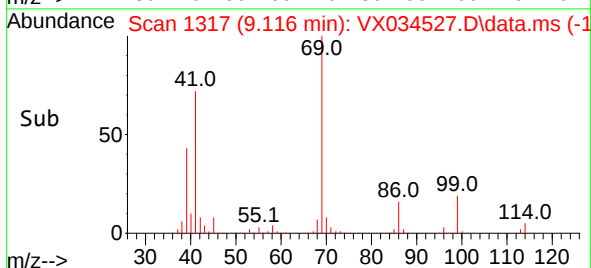
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

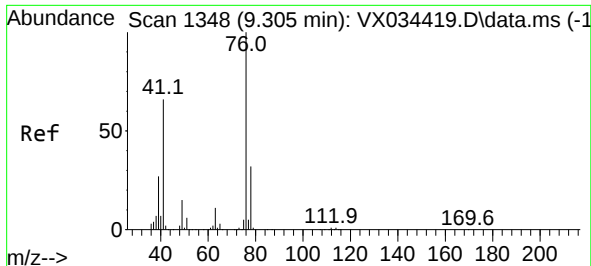


#56
Ethyl methacrylate
Concen: 49.210 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38



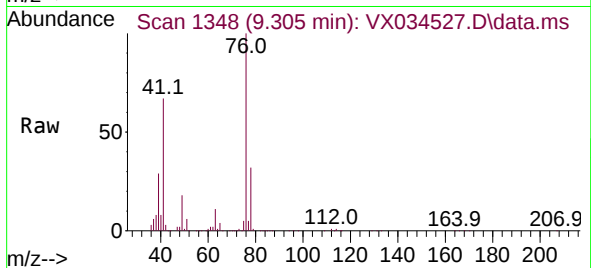
Tgt Ion: 69 Resp: 272299
Ion Ratio Lower Upper
69 100
41 72.6 57.4 86.0
39 43.9 33.7 50.5





#57
1,3-Dichloropropane
Concen: 48.060 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

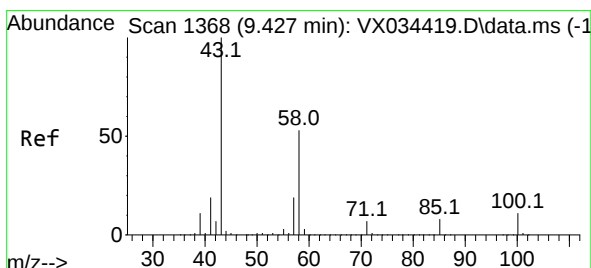
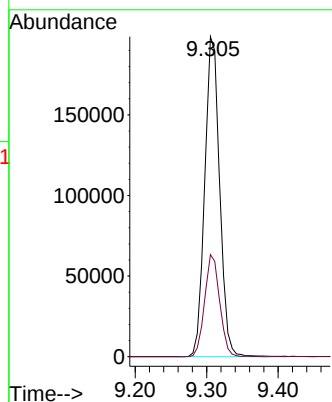
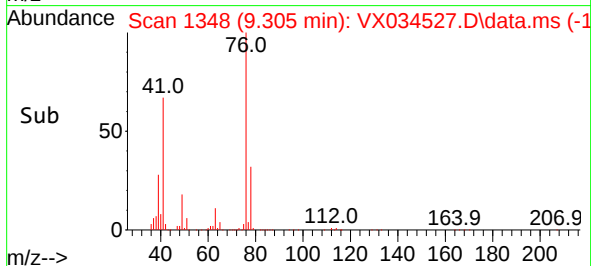
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 76 Resp: 287860
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

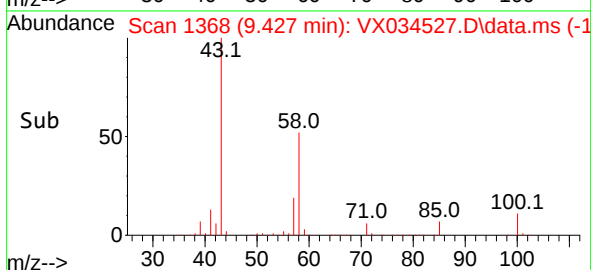
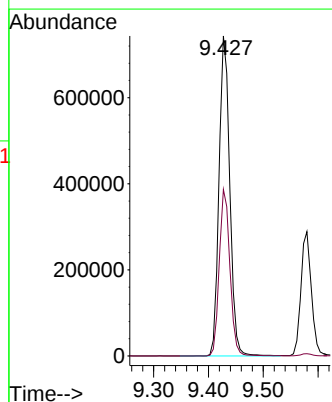
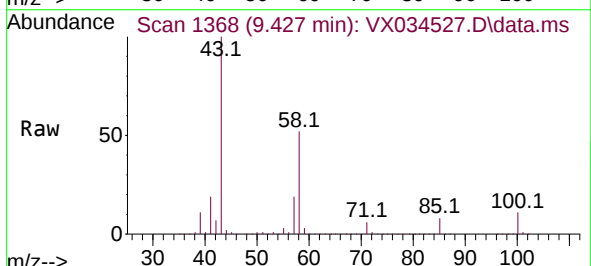
Manual Integrations
APPROVED

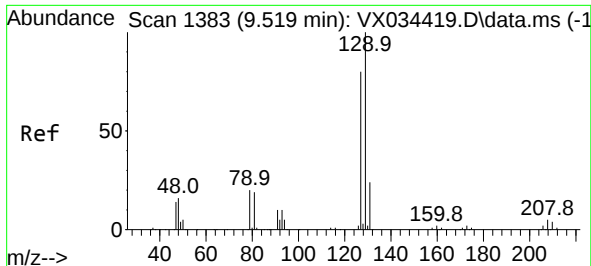
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#59
2-Hexanone
Concen: 260.525 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Tgt Ion: 43 Resp: 1013792
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.9





#60

Dibromochloromethane

Concen: 48.156 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion:129 Resp: 17021

Ion Ratio Lower Upper

129 100

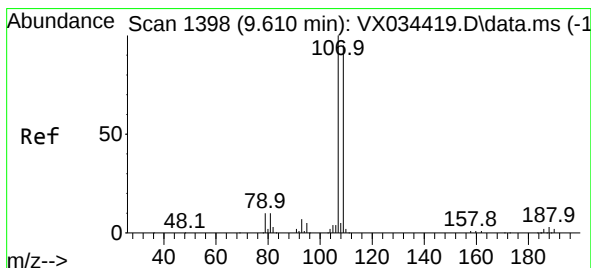
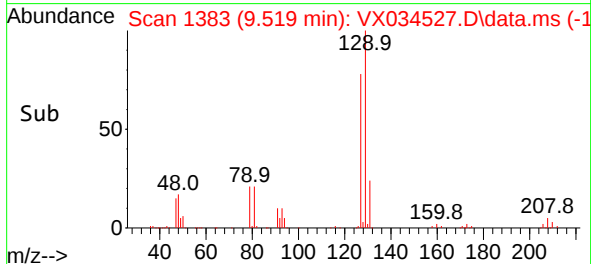
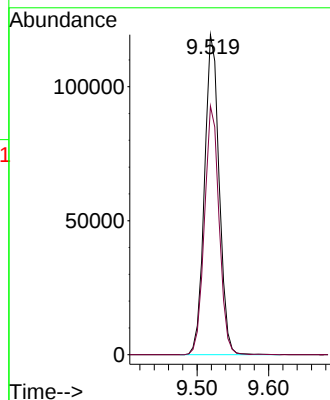
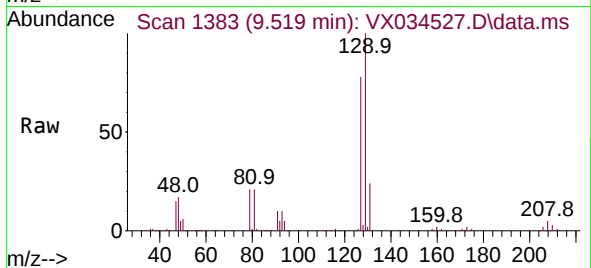
127 77.5 39.0 117.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#61

1,2-Dibromoethane

Concen: 47.935 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034527.D

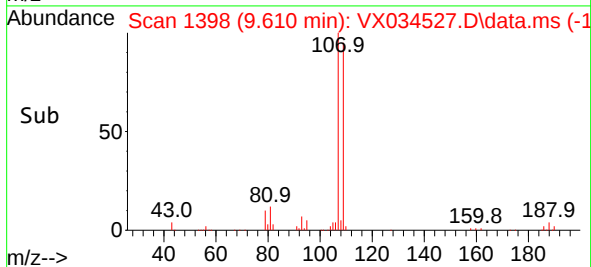
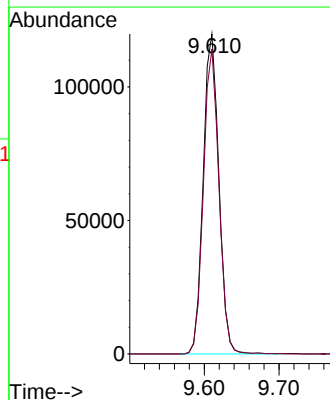
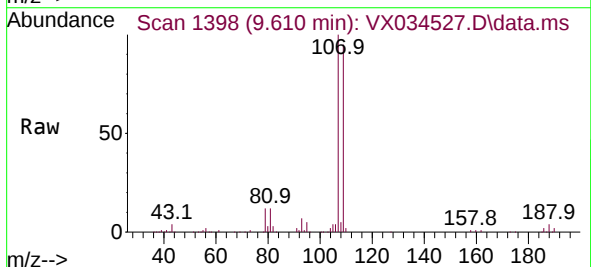
Acq: 15 Mar 2023 22:38

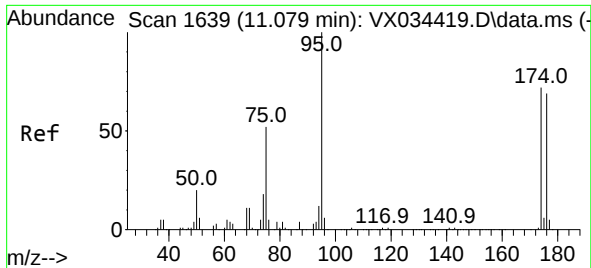
Tgt Ion:107 Resp: 174328

Ion Ratio Lower Upper

107 100

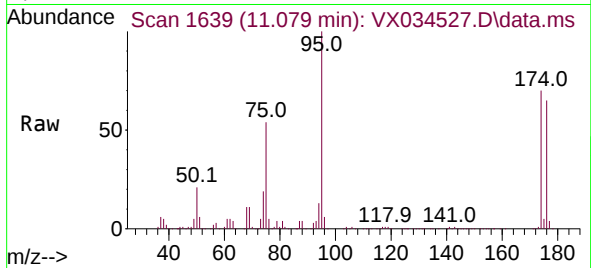
109 94.4 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 50.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

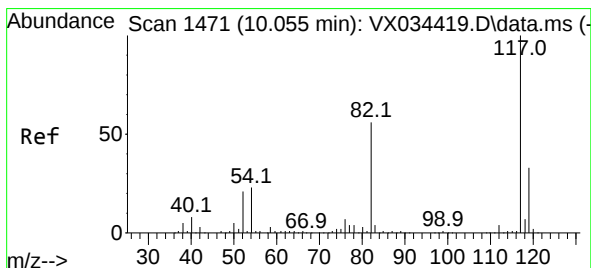
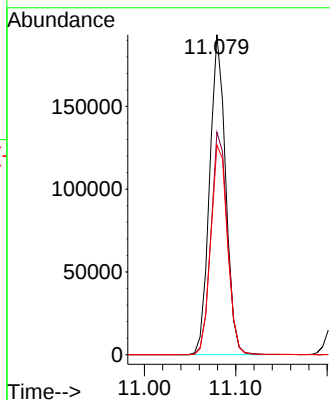
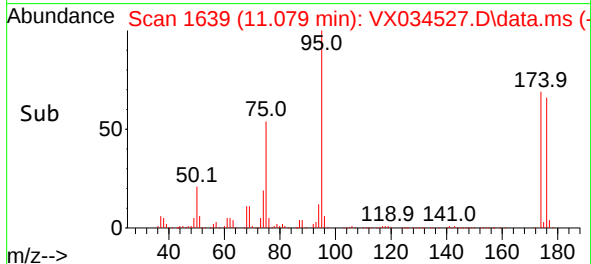
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



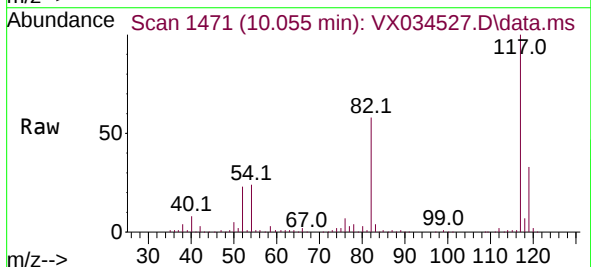
Tgt Ion: 95 Resp: 234390
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.4
176 68.6 0.0 140.6

Manual Integrations
APPROVED

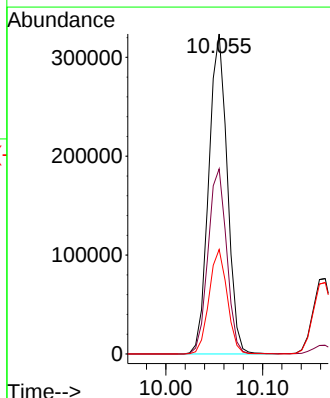
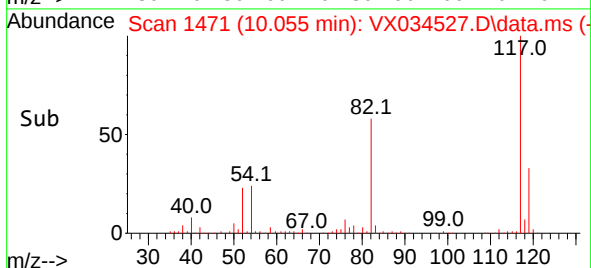
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

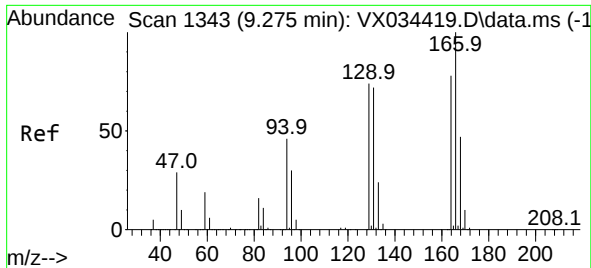


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38



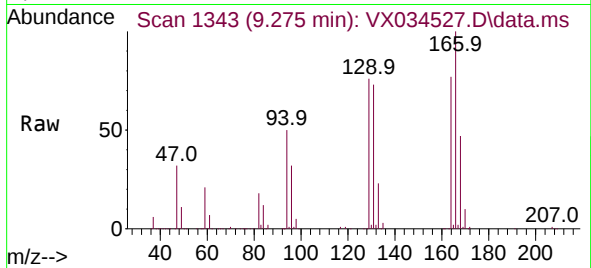
Tgt Ion:117 Resp: 430307
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.6 26.0 39.0





#64
Tetrachloroethene
Concen: 42.457 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

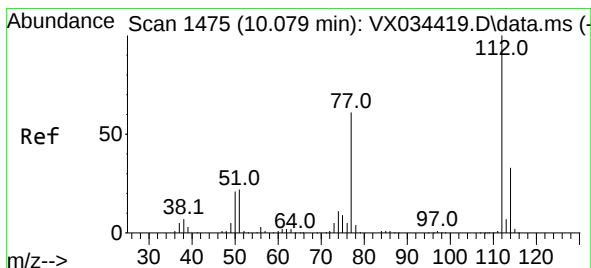
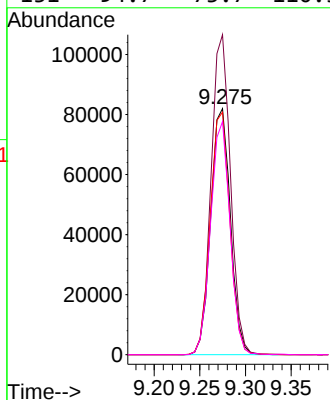
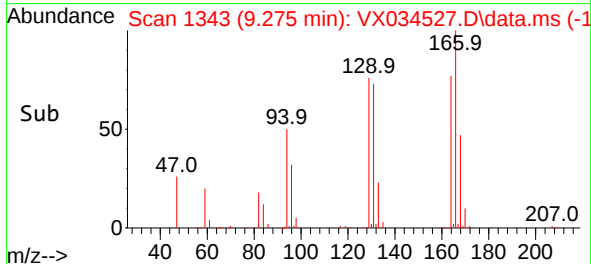
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion:164 Resp: 122724
Ion Ratio Lower Upper
164 100
166 130.0 102.7 154.1
129 98.5 75.6 113.4
131 94.7 73.7 110.5

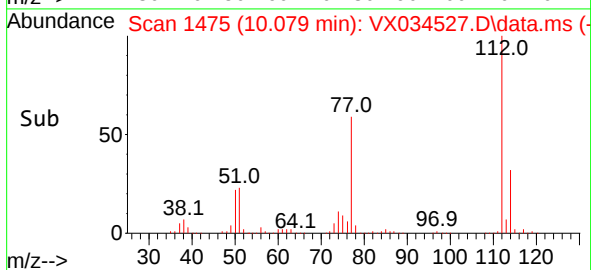
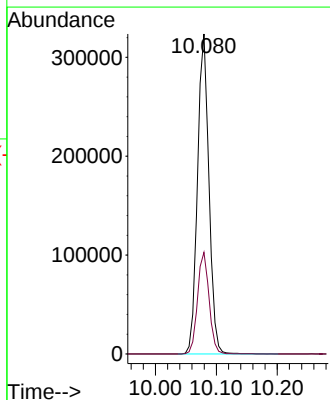
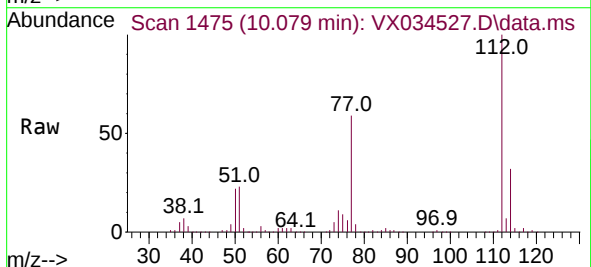
Manual Integrations
APPROVED

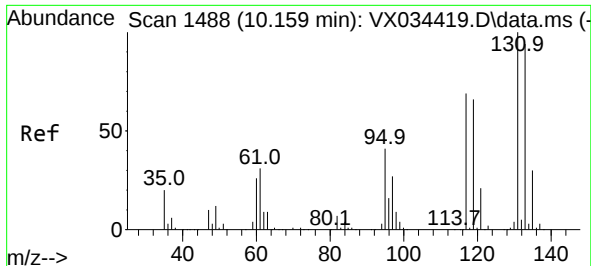
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#65
Chlorobenzene
Concen: 44.577 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

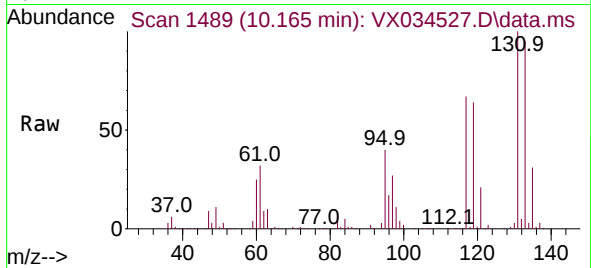
Tgt Ion:112 Resp: 420866
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2





#66
1,1,1,2-Tetrachloroethane
Concen: 45.548 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

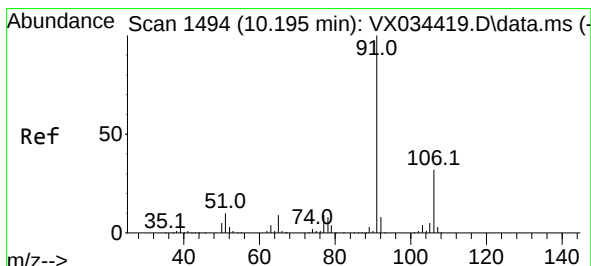
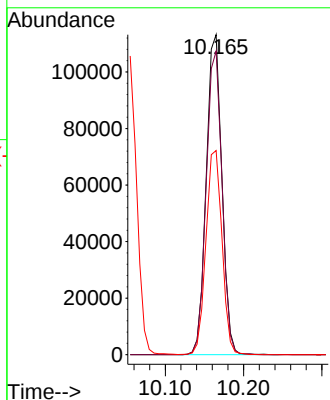
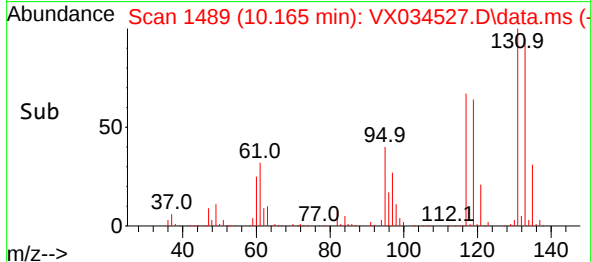
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion:131 Resp: 15662
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 65.6 32.6 98.0

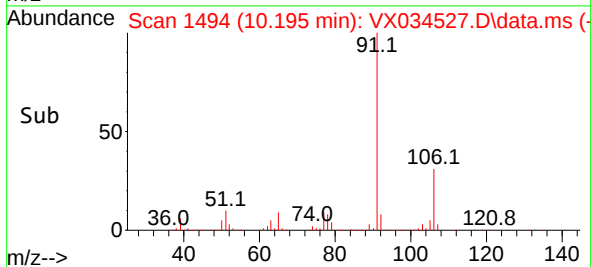
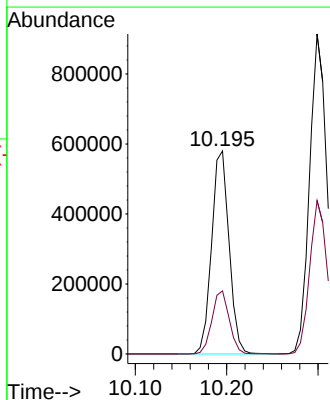
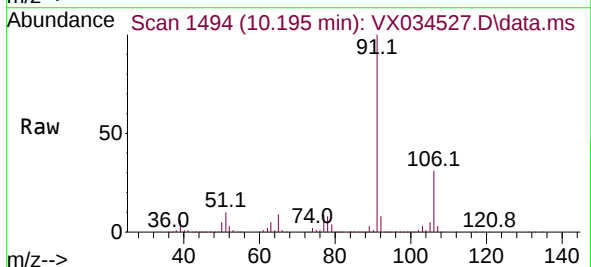
Manual Integrations
APPROVED

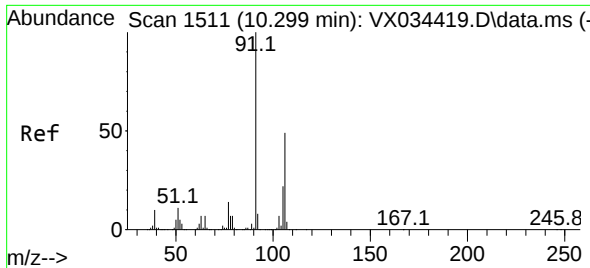
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#67
Ethyl Benzene
Concen: 45.461 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

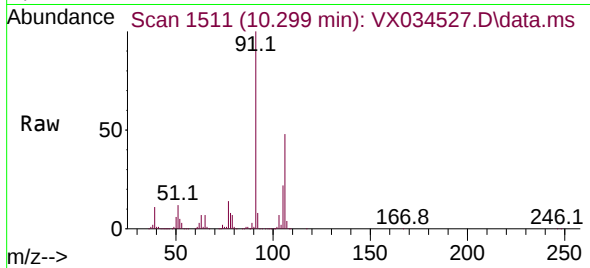
Tgt Ion: 91 Resp: 768377
Ion Ratio Lower Upper
91 100
106 31.1 25.6 38.4





#68
m/p-Xylenes
Concen: 89.721 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

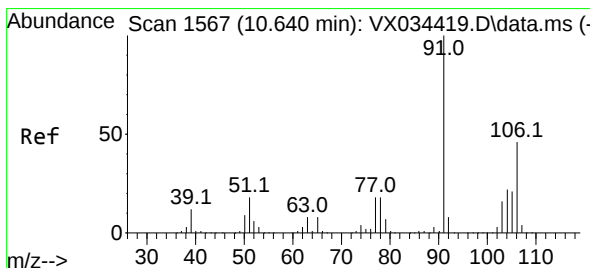
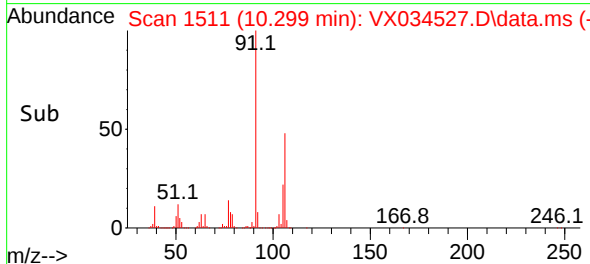
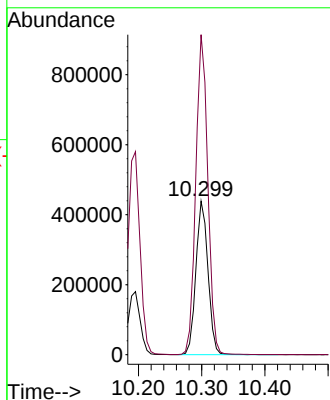
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion:106 Resp: 582540
Ion Ratio Lower Upper
106 100
91 207.8 164.0 246.0

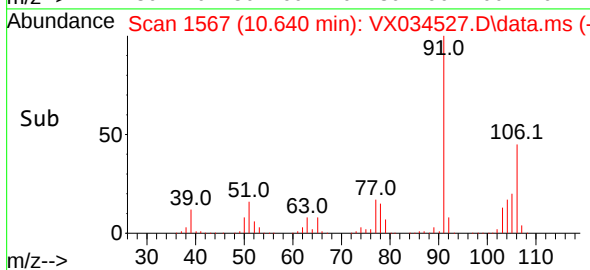
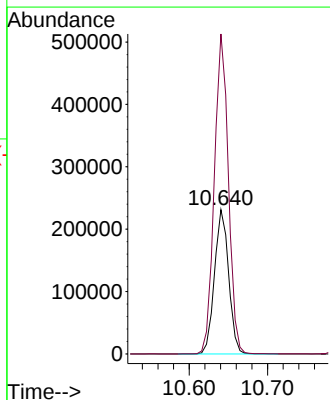
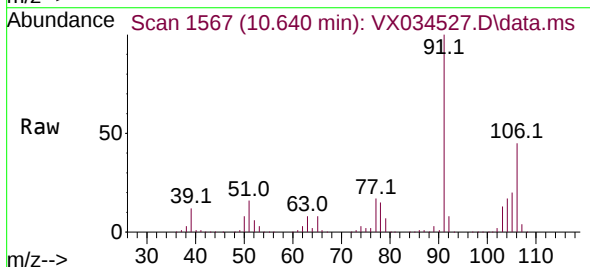
Manual Integrations
APPROVED

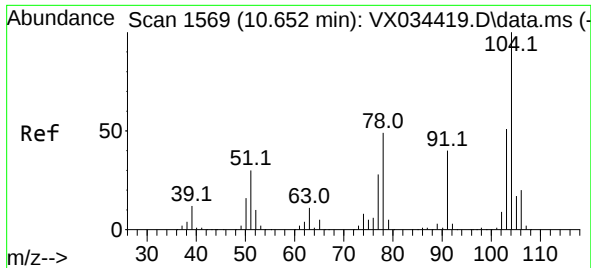
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#69
o-Xylene
Concen: 44.665 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

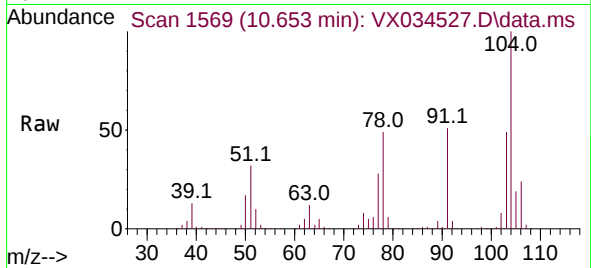
Tgt Ion:106 Resp: 291030
Ion Ratio Lower Upper
106 100
91 219.8 108.5 325.3





#70
Styrene
Concen: 46.803 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

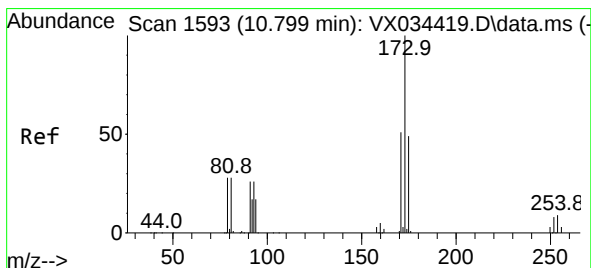
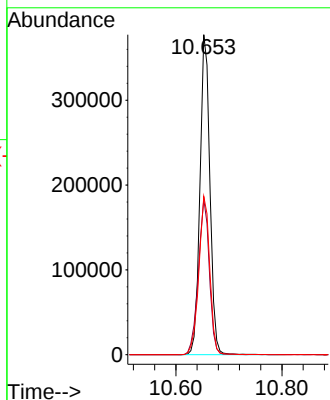
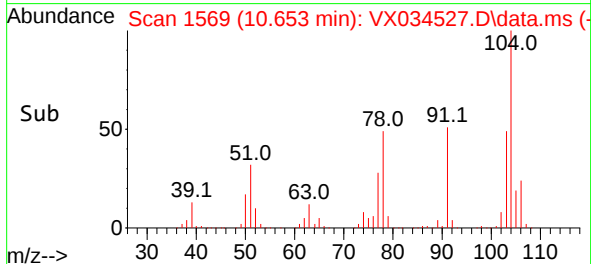
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion:104 Resp: 492018
Ion Ratio Lower Upper
104 100
78 53.9 43.4 65.2
103 54.4 44.2 66.2

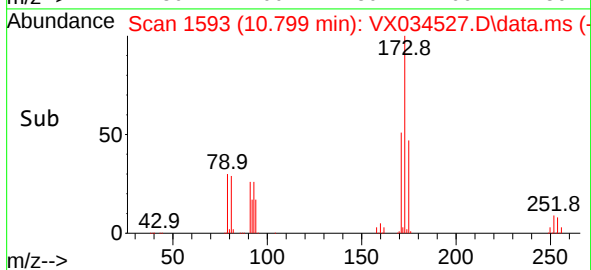
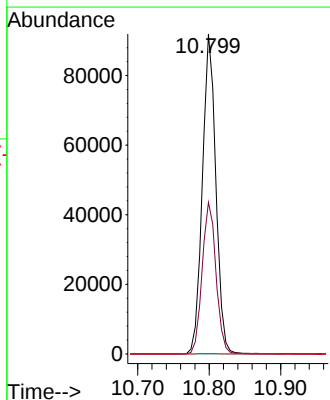
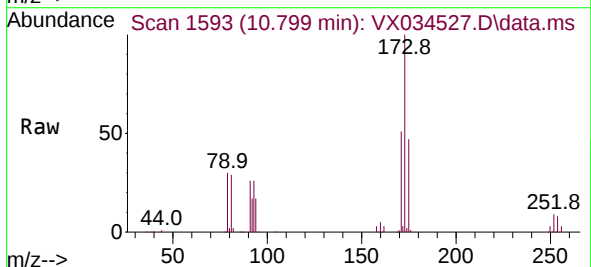
Manual Integrations
APPROVED

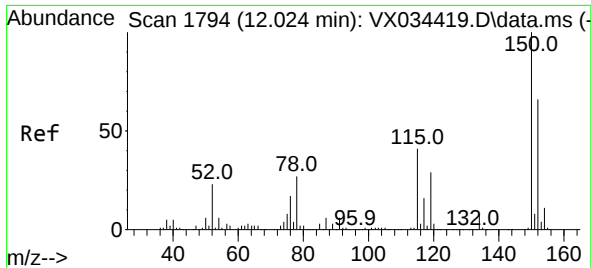
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#71
Bromoform
Concen: 45.434 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

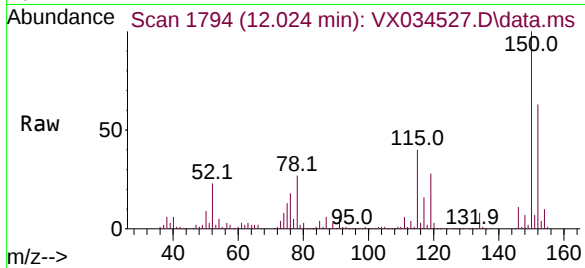
Tgt Ion:173 Resp: 120259
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.1 0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

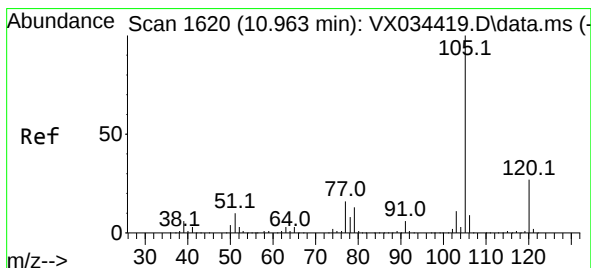
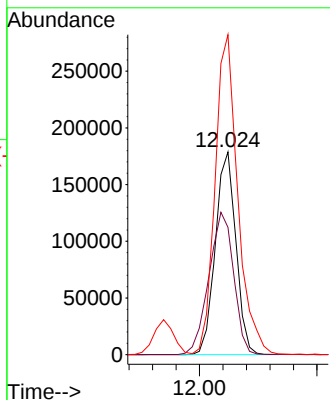
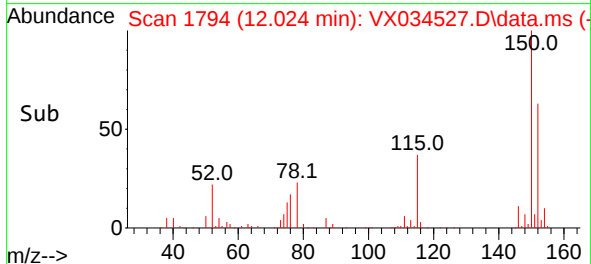
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



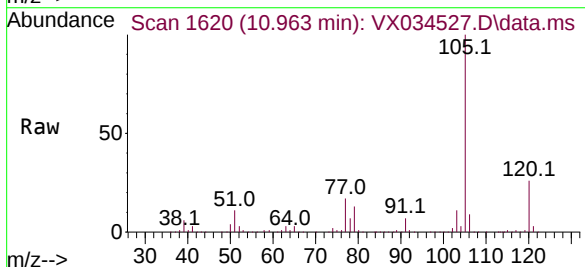
Tgt Ion:152 Resp: 217295
Ion Ratio Lower Upper
152 100
115 85.0 45.0 135.0
150 174.0 0.0 352.4

Manual Integrations
APPROVED

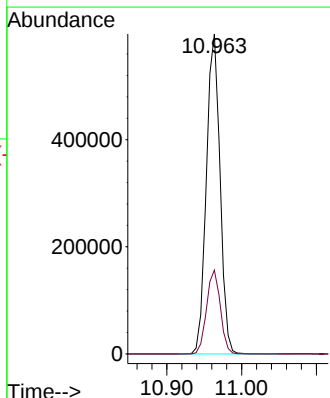
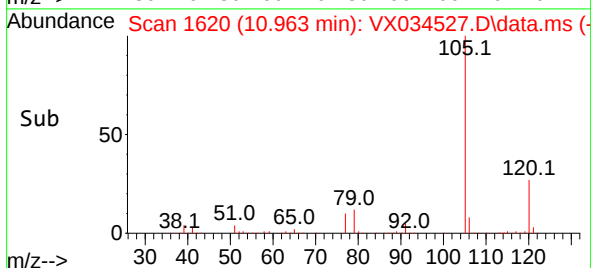
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

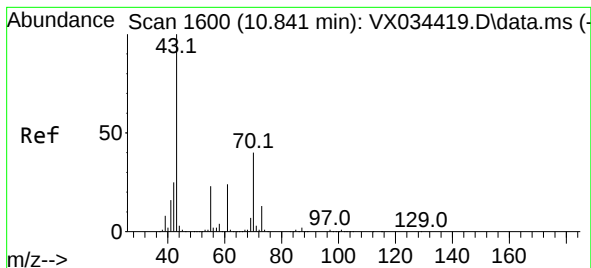


#73
Isopropylbenzene
Concen: 45.014 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38



Tgt Ion:105 Resp: 755995
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9





#74

N-amy1 acetate

Concen: 48.675 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034527.D

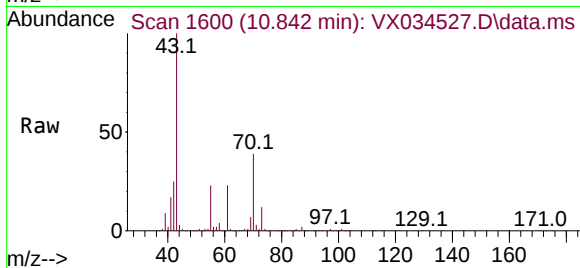
Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD



Tgt Ion: 43 Resp: 391549

Ion Ratio Lower Upper

43 100

70 40.3 32.1 48.1

55 22.8 18.3 27.5

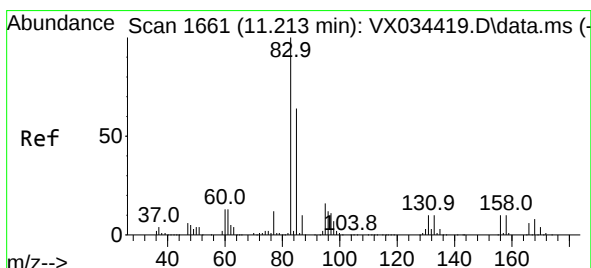
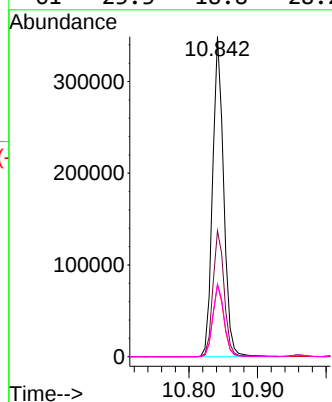
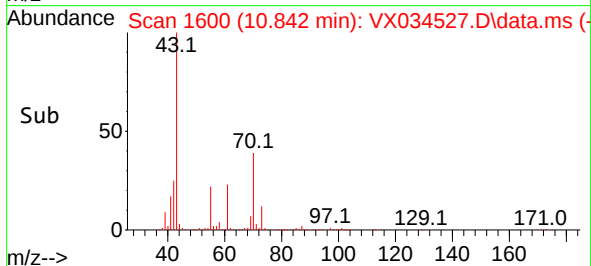
61 23.3 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 48.290 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

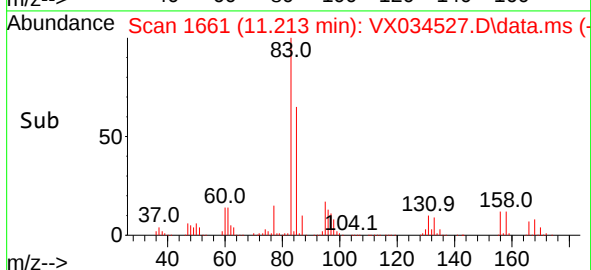
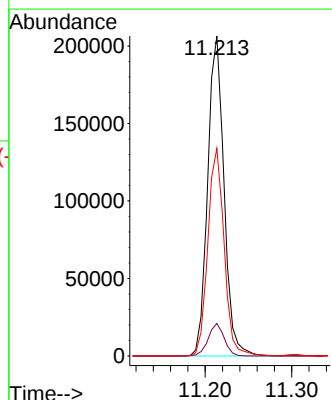
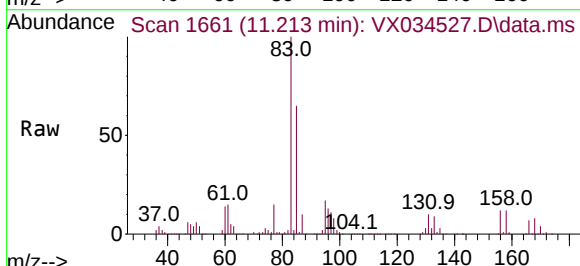
Tgt Ion: 83 Resp: 270629

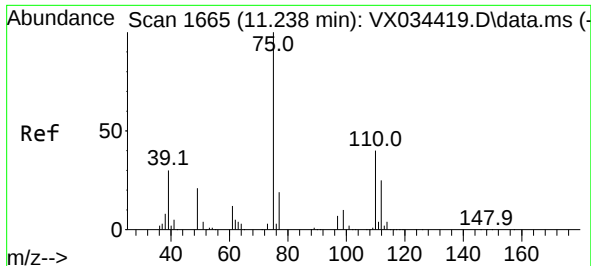
Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.3

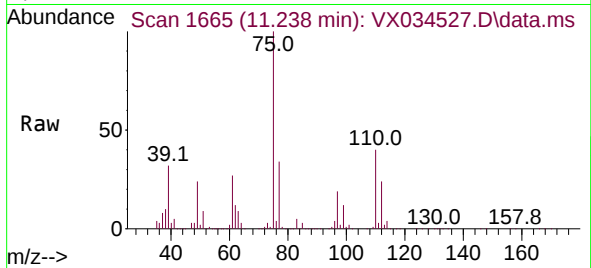
85 64.6 32.0 96.0





#76
1,2,3-Trichloropropane
Concen: 44.993 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

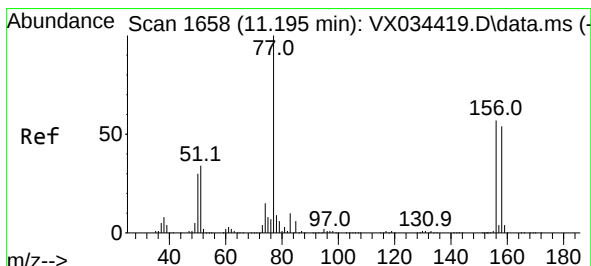
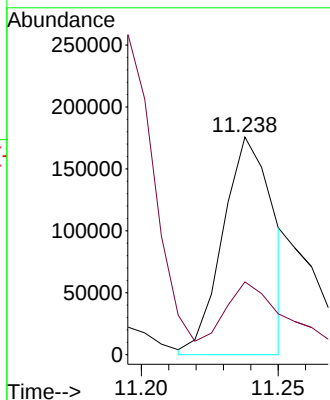
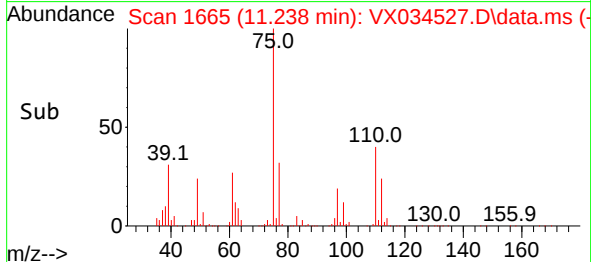
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



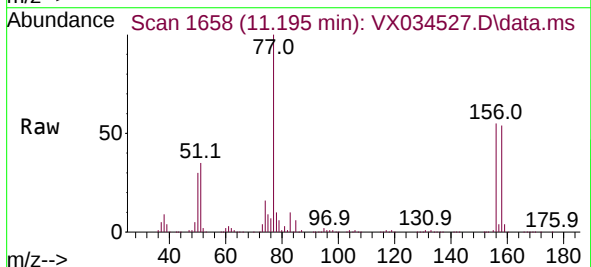
Tgt Ion: 75 Resp: 224489
Ion Ratio Lower Upper
75 100
77 43.0 21.6 64.8

Manual Integrations
APPROVED

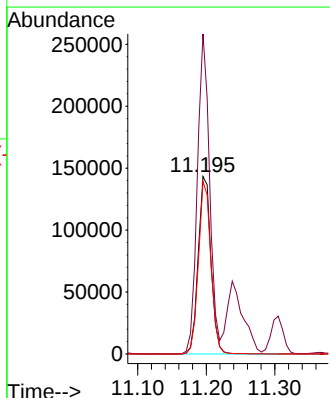
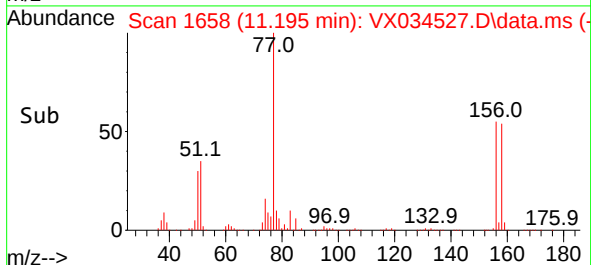
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

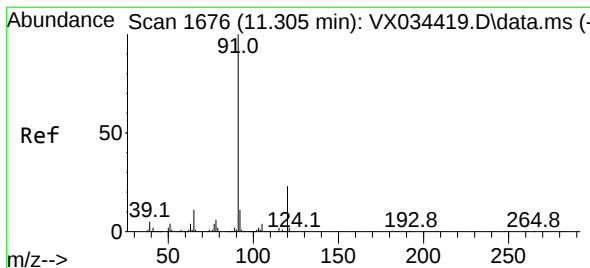


#77
Bromobenzene
Concen: 46.125 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38



Tgt Ion:156 Resp: 185856
Ion Ratio Lower Upper
156 100
77 172.9 86.7 259.9
158 94.9 48.0 144.0





#78

n-propylbenzene

Concen: 45.688 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion: 91 Resp: 88616

Ion Ratio Lower Upper

91 100

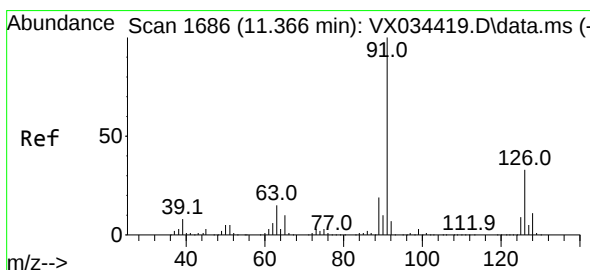
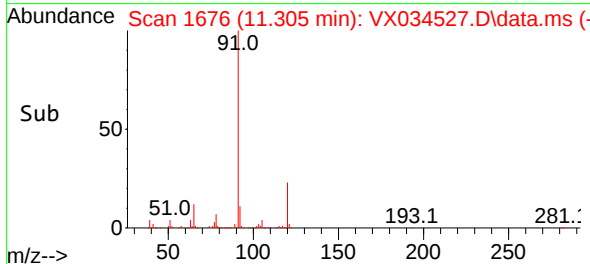
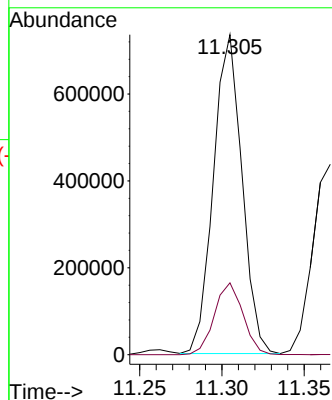
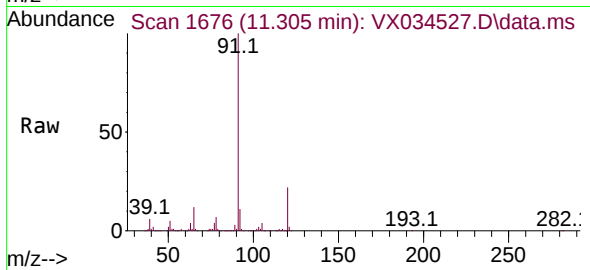
120 22.6 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#79

2-Chlorotoluene

Concen: 45.847 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX034527.D

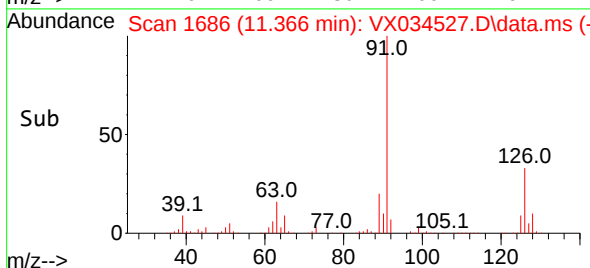
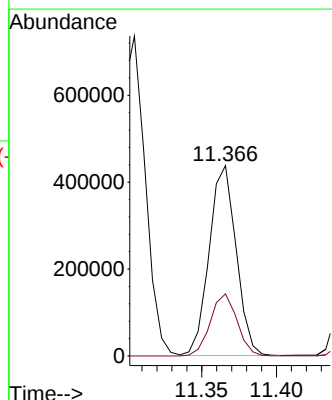
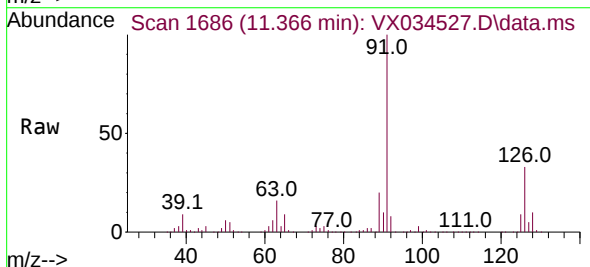
Acq: 15 Mar 2023 22:38

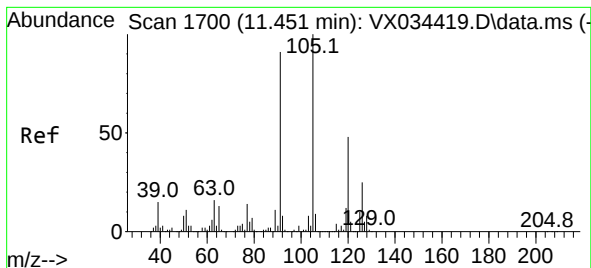
Tgt Ion: 91 Resp: 549193

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 46.079 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion:105 Resp: 649100

Ion Ratio Lower Upper

105 100

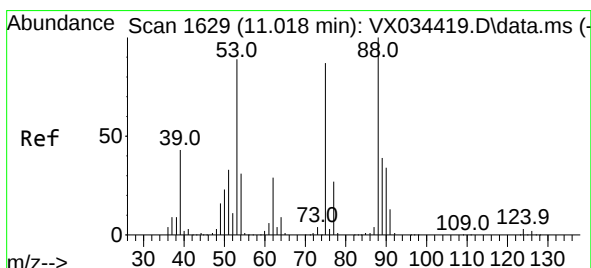
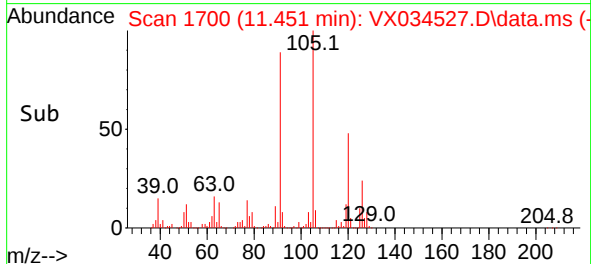
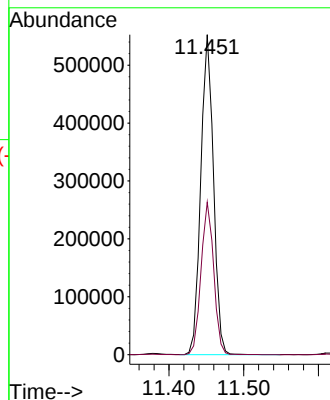
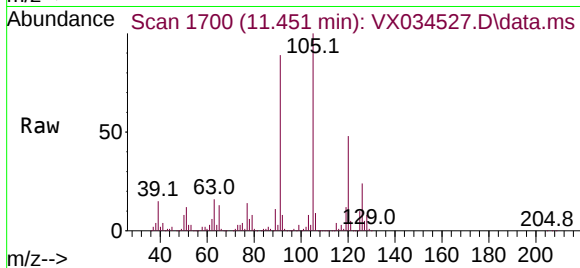
120 47.6 23.7 71.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 41.269 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

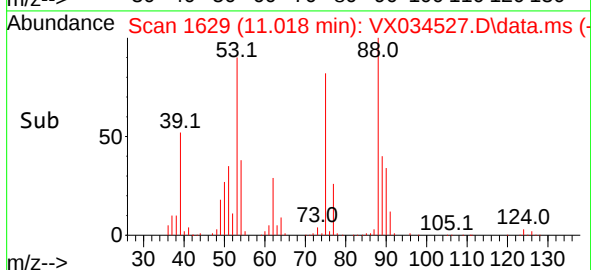
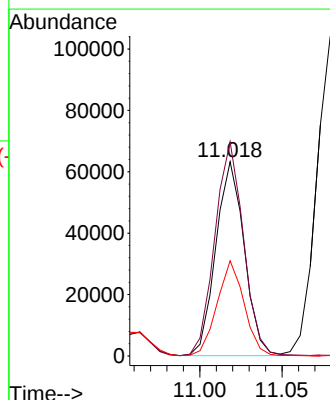
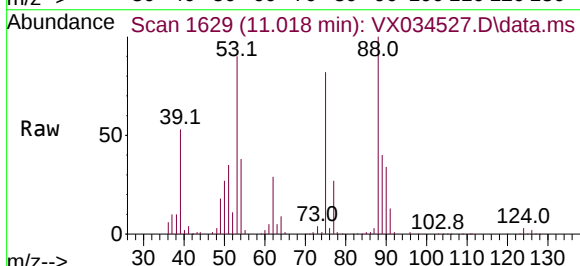
Tgt Ion: 75 Resp: 76114

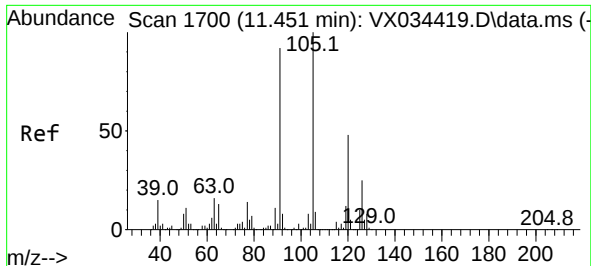
Ion Ratio Lower Upper

75 100

53 110.7 82.6 124.0

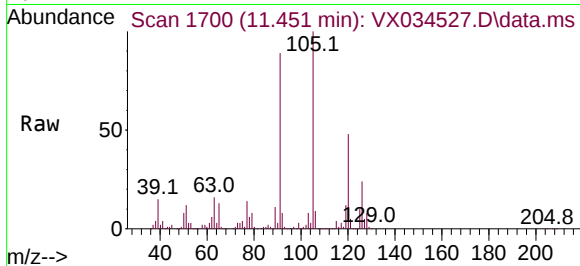
89 46.9 36.9 55.3





#82
4-Chlorotoluene
Concen: 46.620 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

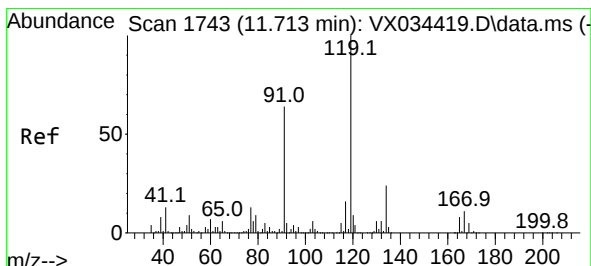
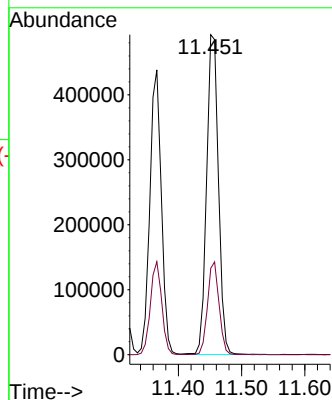
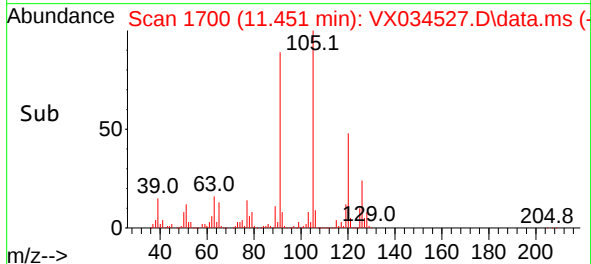
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



Tgt Ion: 91 Resp: 64325
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6

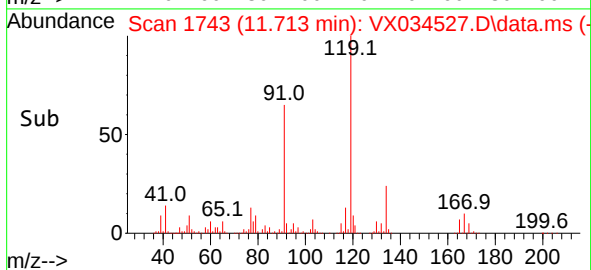
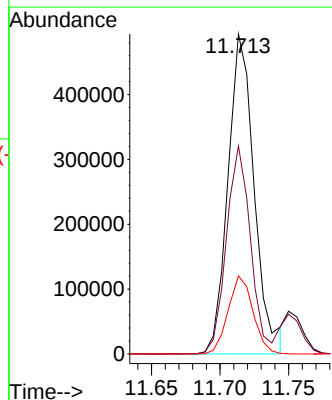
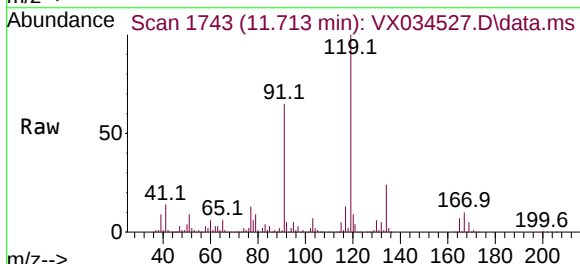
Manual Integrations
APPROVED

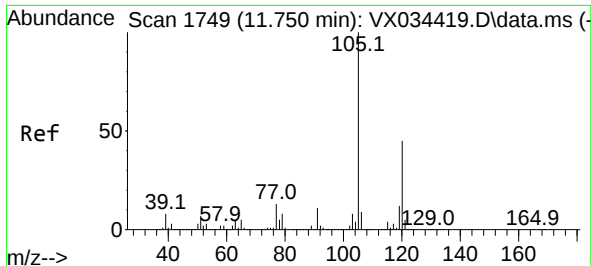
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#83
tert-Butylbenzene
Concen: 46.197 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

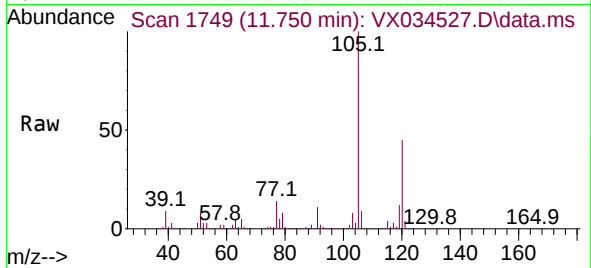
Tgt Ion:119 Resp: 656139
Ion Ratio Lower Upper
119 100
91 59.7 30.6 92.0
134 23.2 11.8 35.4





#84
1,2,4-Trimethylbenzene
Concen: 45.378 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

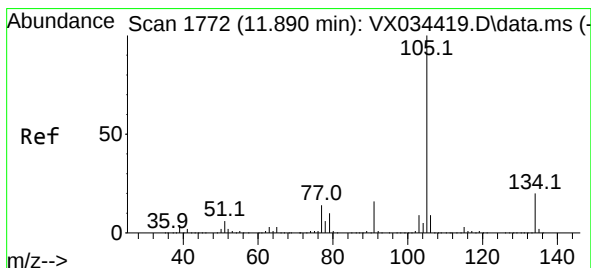
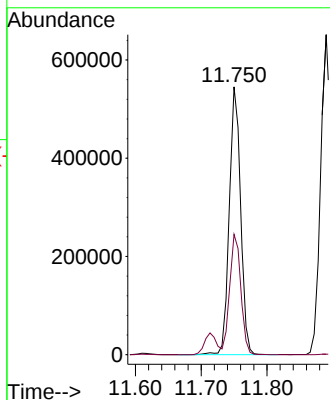
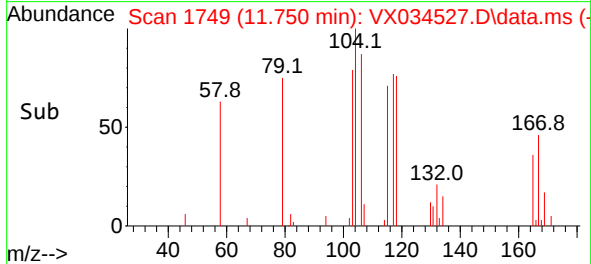
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



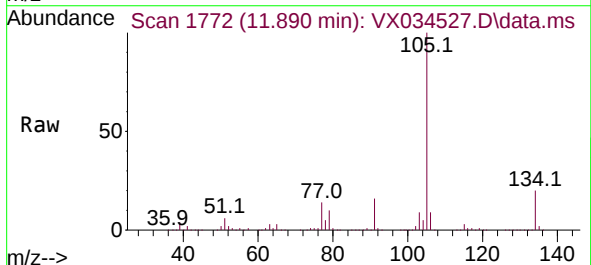
Tgt Ion:105 Resp: 653294
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0

Manual Integrations
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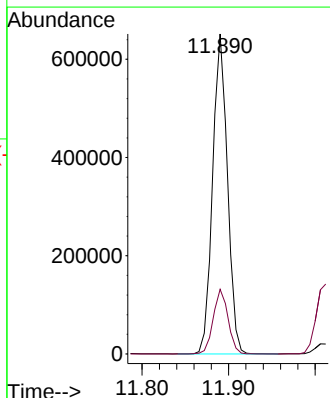
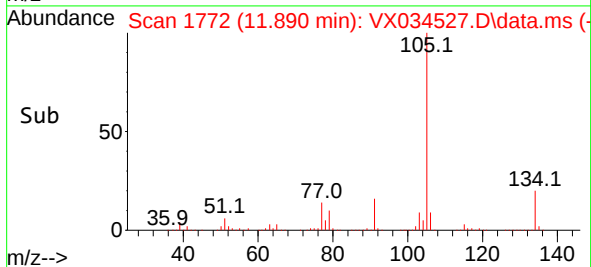
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

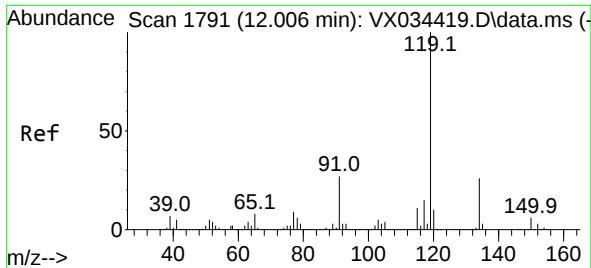


#85
sec-Butylbenzene
Concen: 44.557 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38



Tgt Ion:105 Resp: 773668
Ion Ratio Lower Upper
105 100
134 20.2 10.2 30.4





#86

p-Isopropyltoluene

Concen: 45.000 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

Tgt Ion:119 Resp: 656698

Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

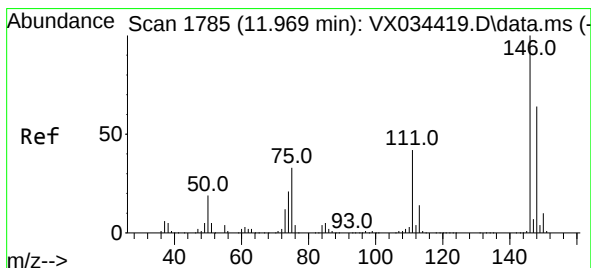
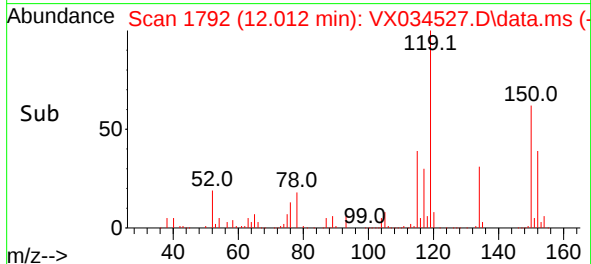
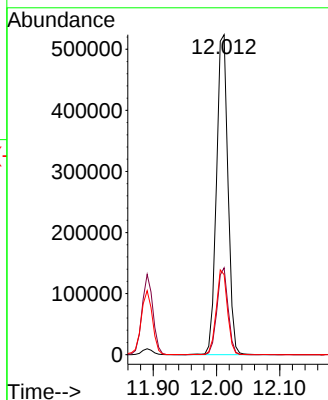
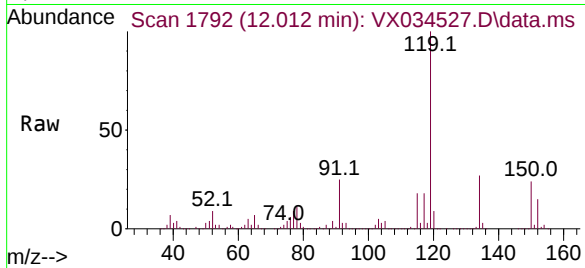
91 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#87

1,3-Dichlorobenzene

Concen: 44.272 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

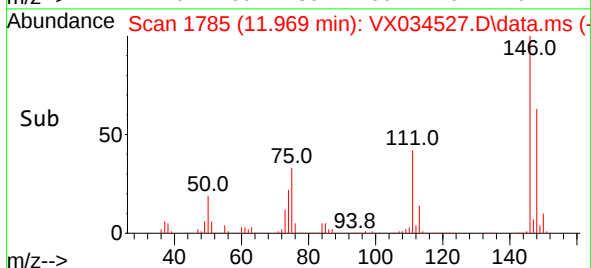
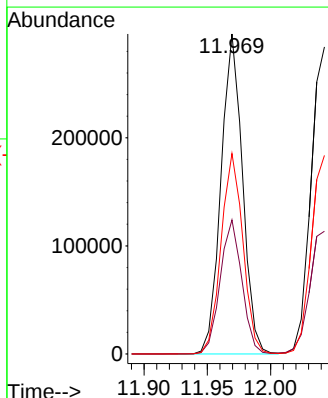
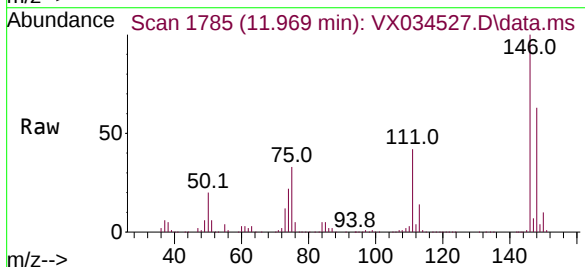
Tgt Ion:146 Resp: 349527

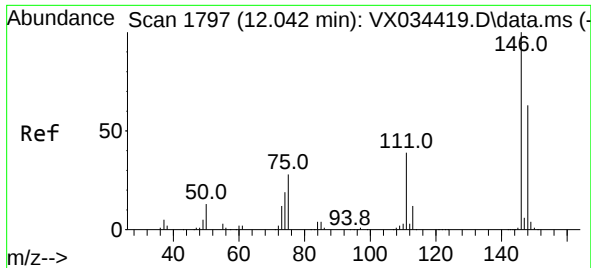
Ion Ratio Lower Upper

146 100

111 42.3 20.9 62.8

148 63.6 31.6 95.0





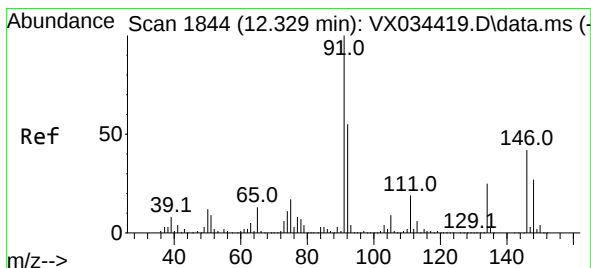
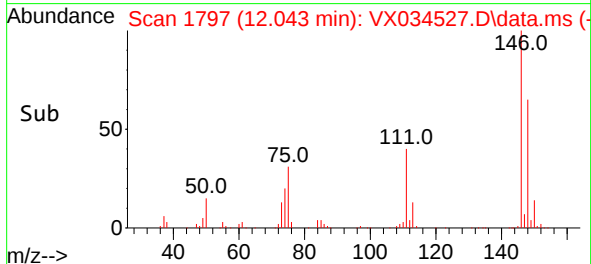
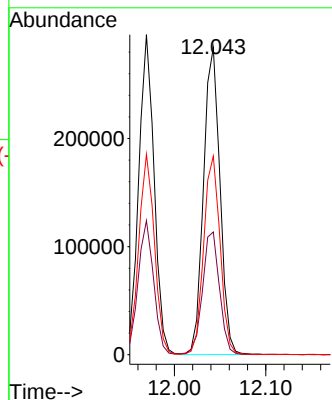
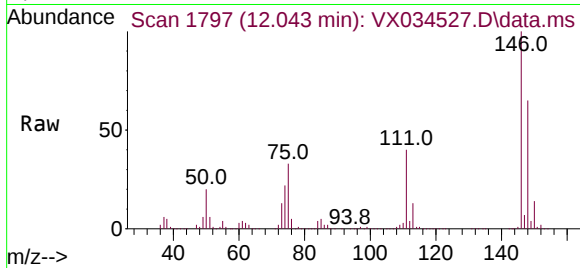
#88
1,4-Dichlorobenzene
Concen: 44.499 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD

Tgt Ion:146 Resp: 355230
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.9
148 64.2 31.8 95.4

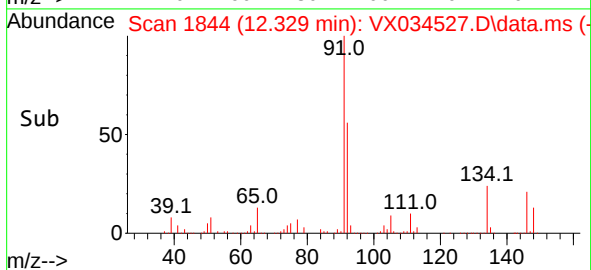
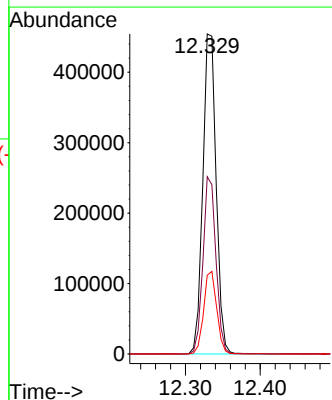
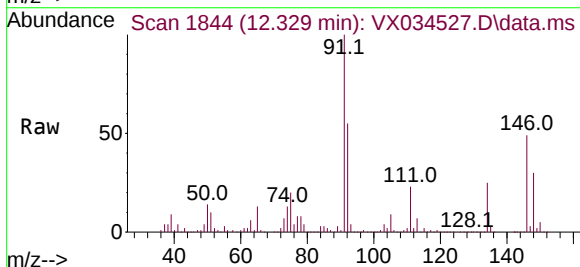
Manual Integrations
APPROVED

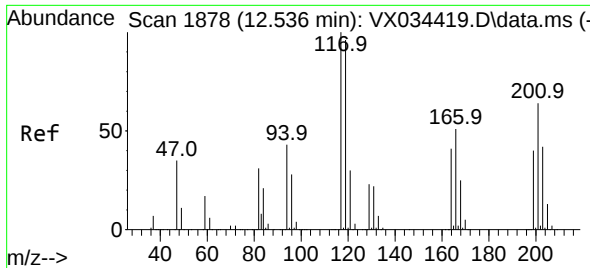
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#89
n-Butylbenzene
Concen: 43.456 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Tgt Ion: 91 Resp: 563766
Ion Ratio Lower Upper
91 100
92 54.0 27.7 83.0
134 25.2 13.0 38.9





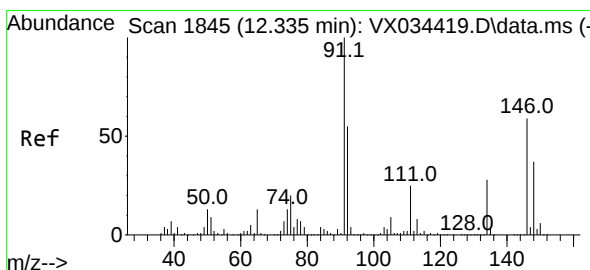
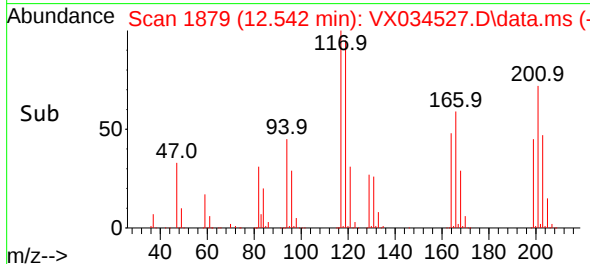
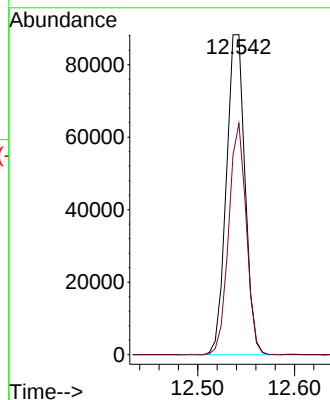
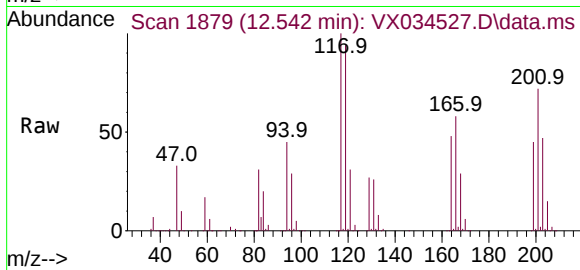
#90
Hexachloroethane
Concen: 43.718 ug/l
RT: 12.542 min Scan# 11805
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD

Tgt Ion:117 Resp: 11805
Ion Ratio Lower Upper
117 100
201 68.3 34.4 103.1

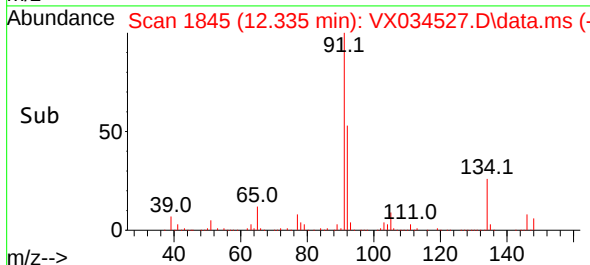
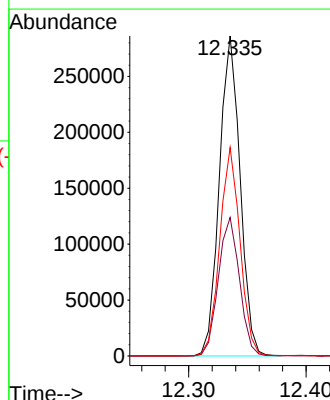
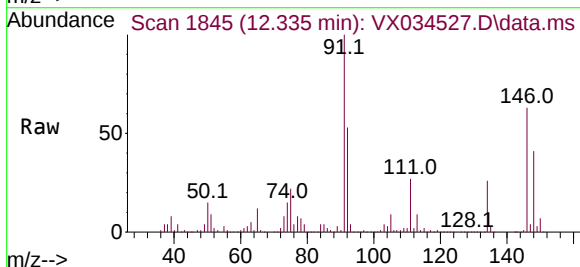
Manual Integrations
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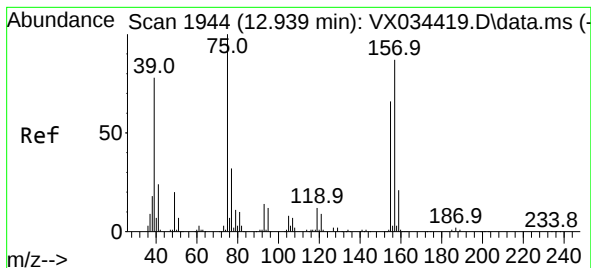
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#91
1,2-Dichlorobenzene
Concen: 46.106 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

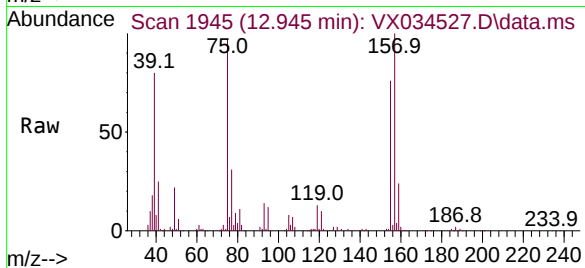
Tgt Ion:146 Resp: 351779
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 63.9 32.0 96.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 49.335 ug/l
RT: 12.945 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38

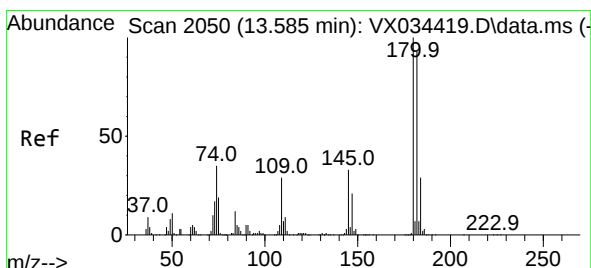
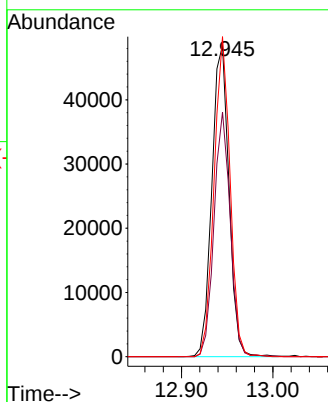
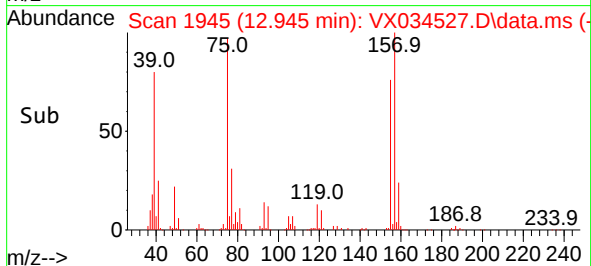
Instrument :
MSVOA_X
ClientSampleId :
RE115D2-20230309MSD



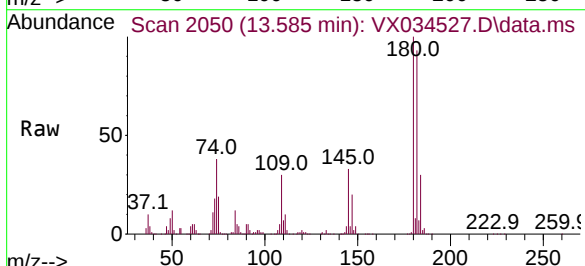
Tgt Ion: 75 Resp: 62818
Ion Ratio Lower Upper
75 100
155 74.7 38.4 115.1
157 96.1 49.9 149.7

Manual Integrations
APPROVED

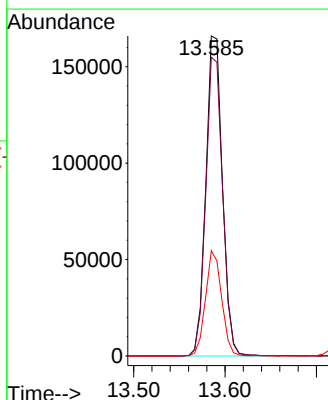
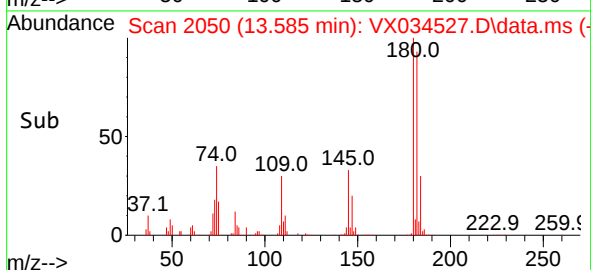
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

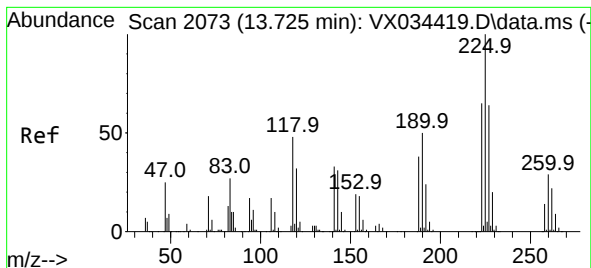


#93
1,2,4-Trichlorobenzene
Concen: 43.934 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034527.D
Acq: 15 Mar 2023 22:38



Tgt Ion:180 Resp: 209620
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 32.0 15.9 47.7





#94

Hexachlorobutadiene

Concen: 40.487 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

RE115D2-20230309MSD

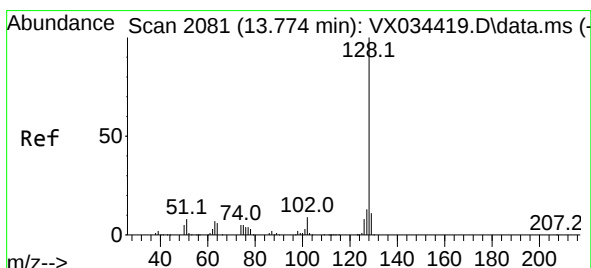
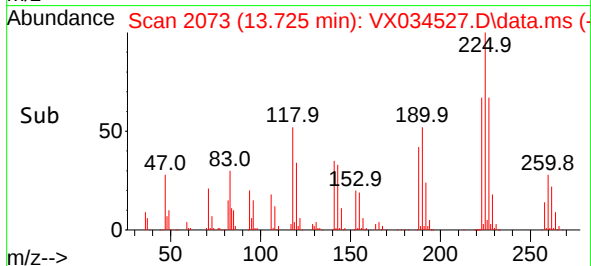
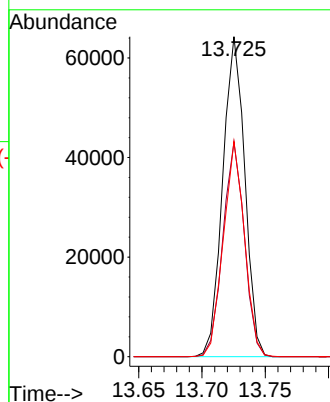
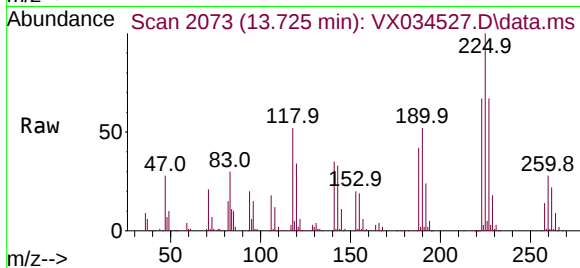
Tgt Ion:	225	Resp:	7782
Ion Ratio	Lower	Upper	
225	100		
223	65.1	32.1	96.5
227	64.6	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#95

Naphthalene

Concen: 46.857 ug/l

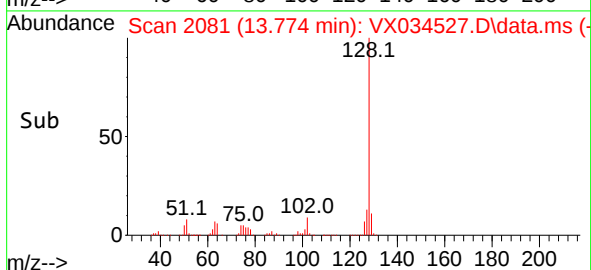
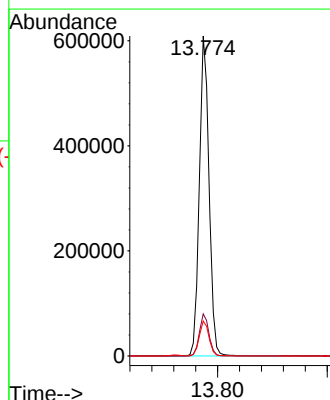
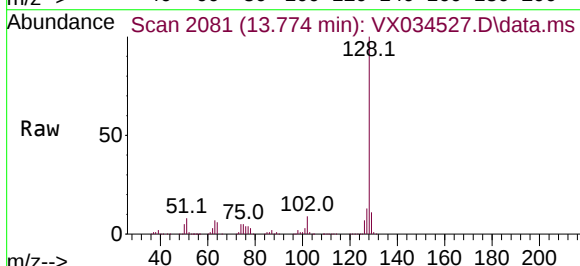
RT: 13.774 min Scan# 2081

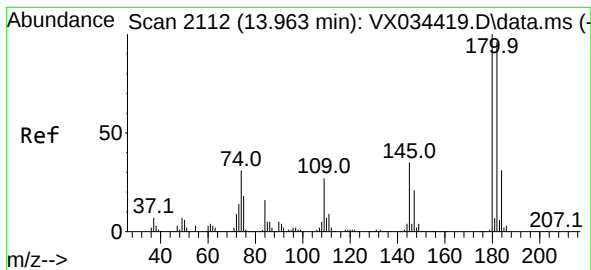
Delta R.T. 0.000 min

Lab File: VX034527.D

Acq: 15 Mar 2023 22:38

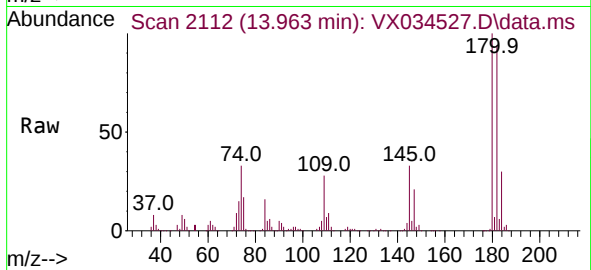
Tgt Ion:	128	Resp:	749685
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 44.432 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034527.D
 Acq: 15 Mar 2023 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D2-20230309MSD



Tgt Ion:180 Resp: 207220
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.0 144.2
 145 34.1 17.7 53.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

