

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034630.D
 Acq On : 20 Mar 2023 16:08
 Operator : JC/MD
 Sample : VX0320WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 01:43:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	239329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	420721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198128	56.905	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.800%			
35) Dibromofluoromethane	5.385	113	145577	52.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.820%			
50) Toluene-d8	8.646	98	558450	53.854	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.700%			
62) 4-Bromofluorobenzene	11.079	95	208108	49.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47713	21.385	ug/l	99
3) Chloromethane	1.306	50	68321	19.411	ug/l	99
4) Vinyl Chloride	1.373	62	60761	20.000	ug/l	100
5) Bromomethane	1.599	94	43212	28.191	ug/l	96
6) Chloroethane	1.684	64	40510	23.159	ug/l	99
7) Trichlorofluoromethane	1.885	101	92894	20.350	ug/l	99
8) Diethyl Ether	2.135	74	38924	23.358	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.330	101	50987	19.166	ug/l	98
10) Methyl Iodide	2.452	142	76408	21.876	ug/l	97
11) Tert butyl alcohol	2.952	59	77691	107.153	ug/l	99
12) 1,1-Dichloroethene	2.318	96	50164	19.146	ug/l	98
13) Acrolein	2.233	56	59071	102.986	ug/l	100
14) Allyl chloride	2.666	41	103481	19.482	ug/l	98
15) Acrylonitrile	3.062	53	180327	115.134	ug/l	98
16) Acetone	2.379	43	164621	100.374	ug/l	99
17) Carbon Disulfide	2.513	76	121073	16.421	ug/l	97
18) Methyl Acetate	2.702	43	132497	24.724	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	211250	22.519	ug/l	98
20) Methylene Chloride	2.788	84	68169	21.416	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	57145	20.538	ug/l	98
22) Diisopropyl ether	3.757	45	224433	22.161	ug/l	96
23) Vinyl Acetate	3.720	43	831121	107.832	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112939	20.746	ug/l	98
25) 2-Butanone	4.550	43	260121	110.844	ug/l	99
26) 2,2-Dichloropropane	4.476	77	85148	17.994	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	69894	20.867	ug/l	99
28) Bromochloromethane	4.897	49	64764	25.585	ug/l	99
29) Tetrahydrofuran	5.007	42	170237	117.562	ug/l	100
30) Chloroform	5.092	83	115727	21.686	ug/l	99
31) Cyclohexane	5.470	56	93967	19.244	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	92421	19.564	ug/l	99
36) 1,1-Dichloropropene	5.690	75	79018	18.520	ug/l	99
37) Ethyl Acetate	4.714	43	100599	21.583	ug/l	98
38) Carbon Tetrachloride	5.677	117	74152	17.471	ug/l	95
39) Methylcyclohexane	7.378	83	96825	18.964	ug/l	95
40) Benzene	6.037	78	247246	19.810	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	54395	21.294	ug/l	97
42) 1,2-Dichloroethane	6.086	62	102310	22.304	ug/l	99
43) Isopropyl Acetate	6.342	43	167949	21.270	ug/l	100
44) Trichloroethene	7.122	130	65388	20.163	ug/l	100
45) 1,2-Dichloropropane	7.433	63	70766	21.715	ug/l	98
46) Dibromomethane	7.586	93	50563	22.822	ug/l	96
47) Bromodichloromethane	7.823	83	93190	21.733	ug/l	98
48) Methyl methacrylate	7.689	41	91371	24.060	ug/l	97
49) 1,4-Dioxane	7.659	88	39870	499.846	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	559138	122.066	ug/l	98
52) Toluene	8.720	92	166365	21.530	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	102904	21.302	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	111323	21.300	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	70939	23.132	ug/l	98
56) Ethyl methacrylate	9.116	69	115280	22.895	ug/l	97
57) 1,3-Dichloropropane	9.311	76	126878	23.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	287924	110.959	ug/l	99
59) 2-Hexanone	9.427	43	427921	120.851	ug/l	99
60) Dibromochloromethane	9.518	129	66903	20.801	ug/l	100
61) 1,2-Dibromoethane	9.610	107	75096	22.693	ug/l	99
64) Tetrachloroethene	9.274	164	52647	18.879	ug/l	96
65) Chlorobenzene	10.079	112	181040	19.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	63576	19.165	ug/l	97
67) Ethyl Benzene	10.195	91	309949	19.008	ug/l	97
68) m/p-Xylenes	10.299	106	224222	35.796	ug/l	98
69) o-Xylene	10.640	106	114414	18.201	ug/l	100
70) Styrene	10.658	104	188727	18.609	ug/l	99
71) Bromoform	10.798	173	39525	15.478	ug/l #	99
73) Isopropylbenzene	10.963	105	282898	18.714	ug/l	100
74) N-amyl acetate	10.841	43	150715	20.816	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	106097	21.033	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	86781m	19.323	ug/l	
77) Bromobenzene	11.201	156	71977	19.846	ug/l	98
78) n-propylbenzene	11.304	91	335148	19.197	ug/l	98
79) 2-Chlorotoluene	11.365	91	210352	19.509	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	246427	19.435	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25835	15.563	ug/l	86
82) 4-Chlorotoluene	11.457	91	245251	19.747	ug/l	99
83) tert-Butylbenzene	11.713	119	235166	18.395	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	254410	19.633	ug/l	98
85) sec-Butylbenzene	11.890	105	286429	18.327	ug/l	99
86) p-Isopropyltoluene	12.012	119	245255	18.671	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	131729	18.537	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	137015	19.068	ug/l	98
89) n-Butylbenzene	12.329	91	215337	18.441	ug/l	99
90) Hexachloroethane	12.536	117	36003	14.813	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	138943	20.232	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	22995	20.064	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	81483	18.974	ug/l	98
94) Hexachlorobutadiene	13.725	225	30661	17.722	ug/l	97
95) Naphthalene	13.774	128	314494	21.838	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82787	19.721	ug/l	99

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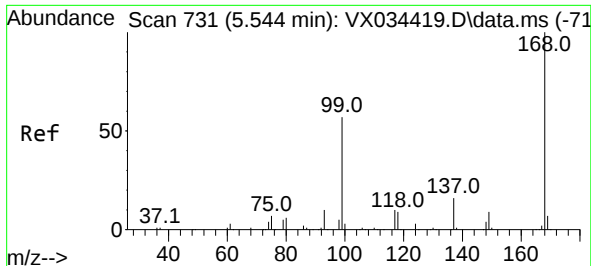
Manual Integrations
APPROVED

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Response via : Initial Calibration

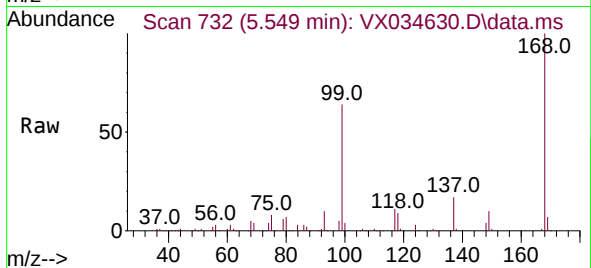
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
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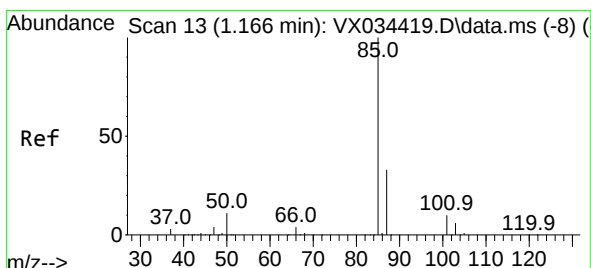
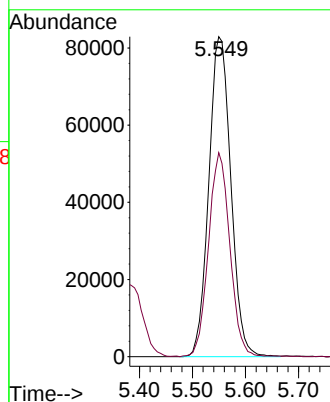
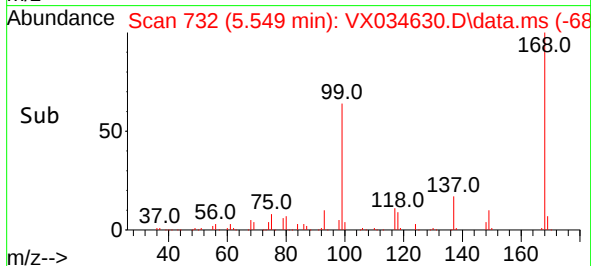
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:168 Resp: 239329
Ion Ratio Lower Upper
168 100
99 63.8 45.7 68.5

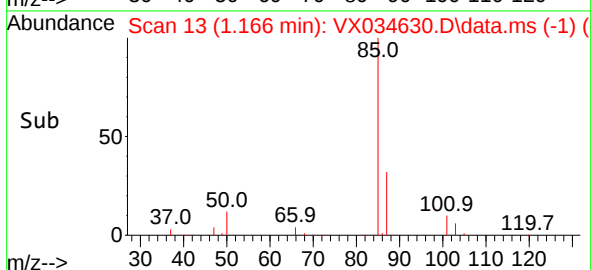
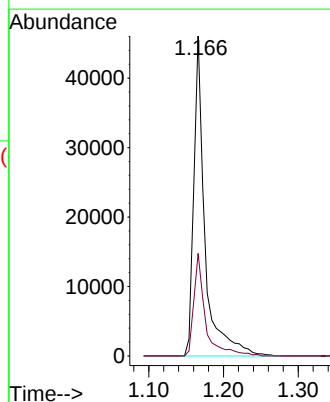
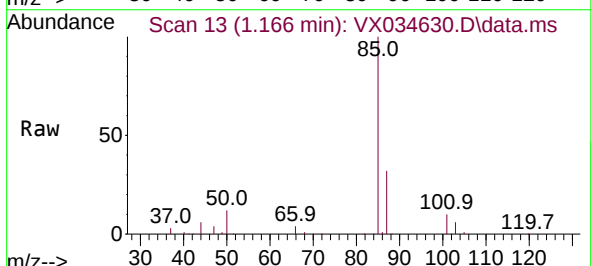
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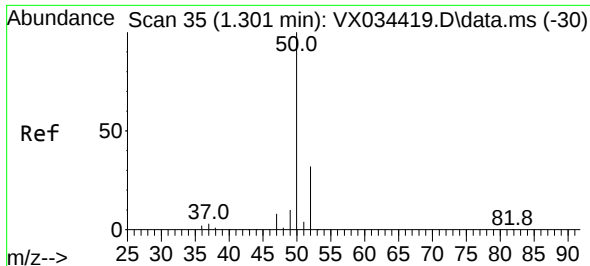
Reviewed By :John Carlone 03/21/2023
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#2
Dichlorodifluoromethane
Concen: 21.385 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 85 Resp: 47713
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.1





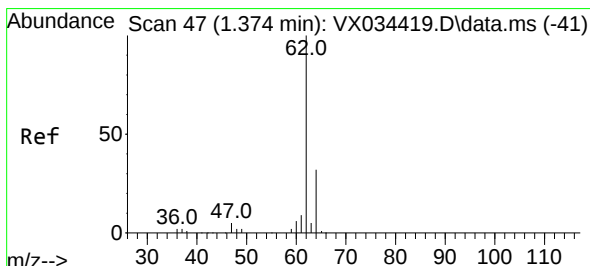
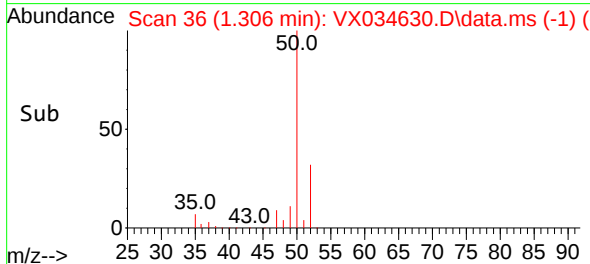
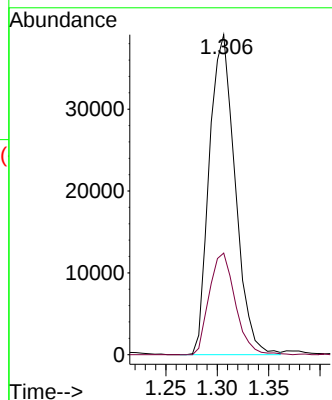
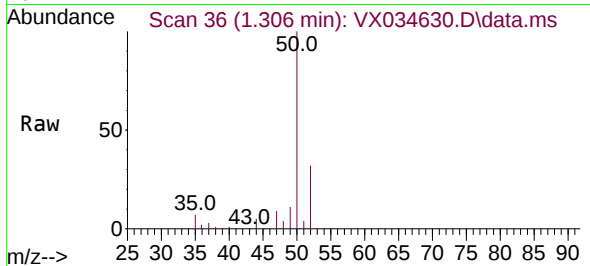
#3
Chloromethane
Concen: 19.411 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.005 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
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Tgt Ion: 50 Resp: 6832
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9

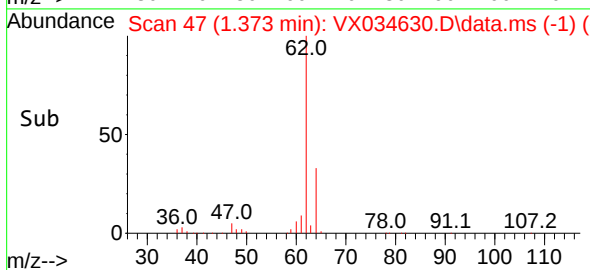
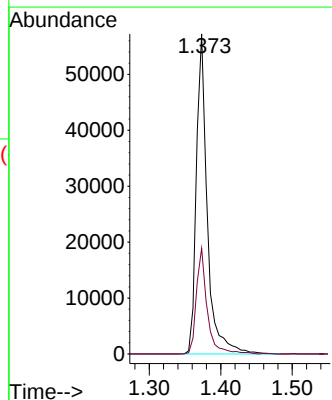
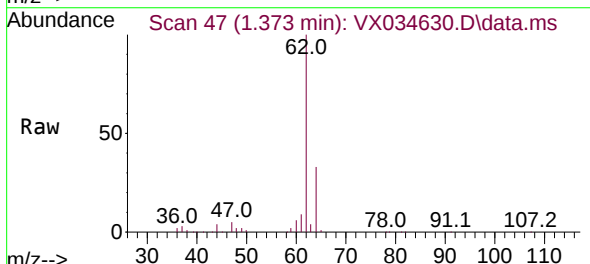
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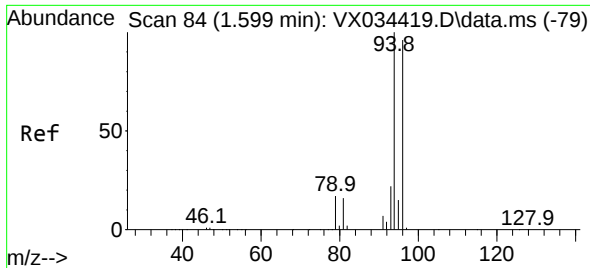
Reviewed By :John Carlone 03/21/2023
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#4
Vinyl Chloride
Concen: 20.000 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

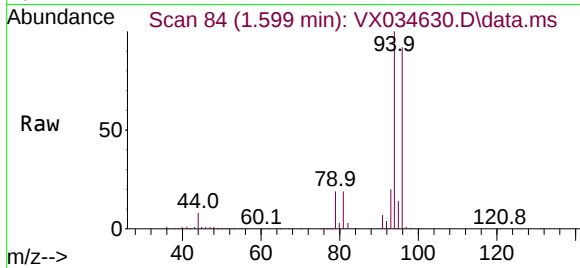
Tgt Ion: 62 Resp: 60761
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6





#5
Bromomethane
Concen: 28.191 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

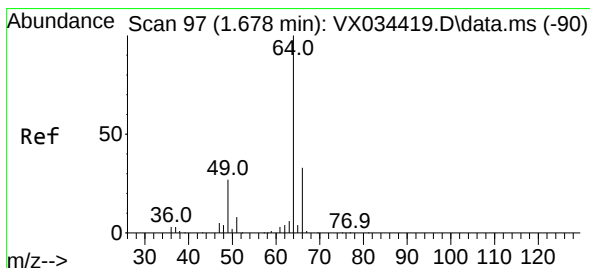
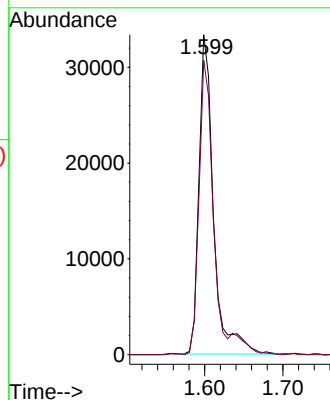
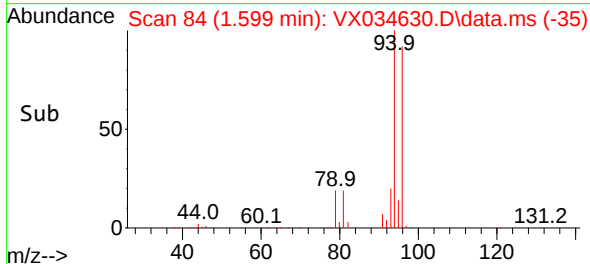
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Tgt Ion: 94 Resp: 4321
Ion Ratio Lower Upper
94 100
96 92.2 77.0 115.6

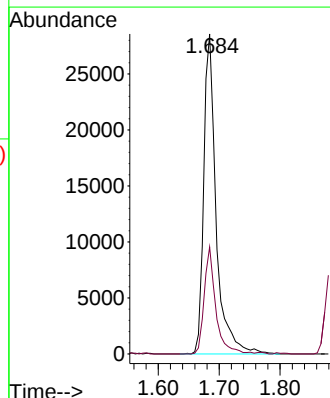
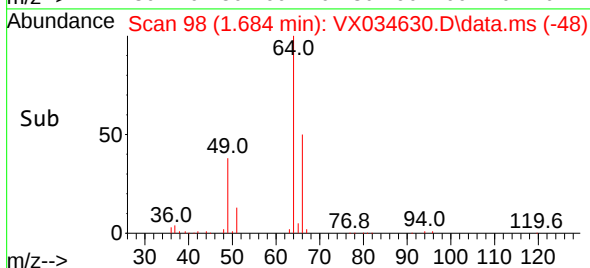
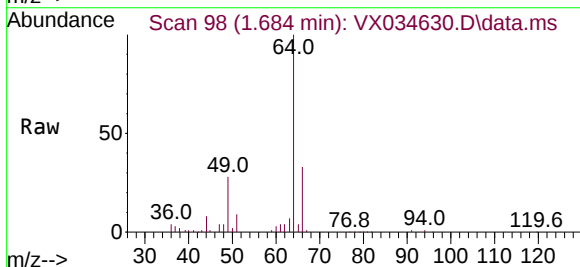
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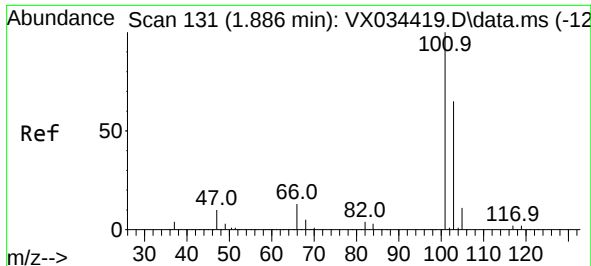
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#6
Chloroethane
Concen: 23.159 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

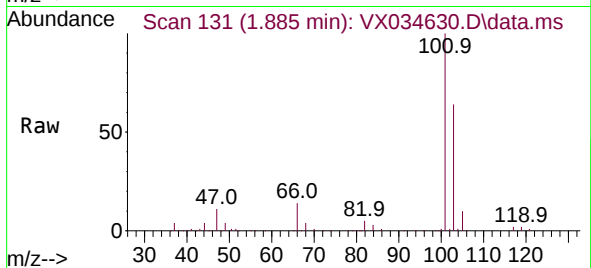
Tgt Ion: 64 Resp: 40510
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.350 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

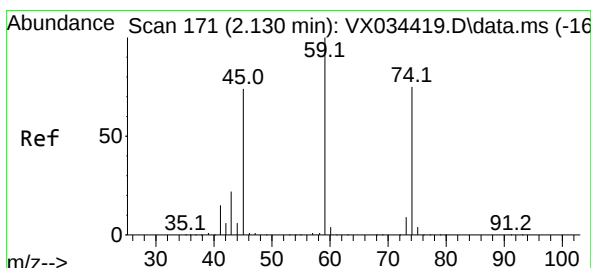
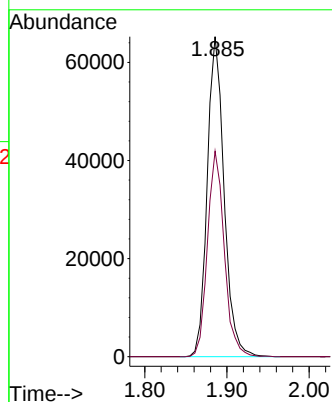
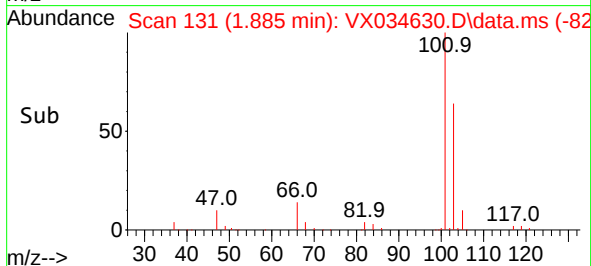
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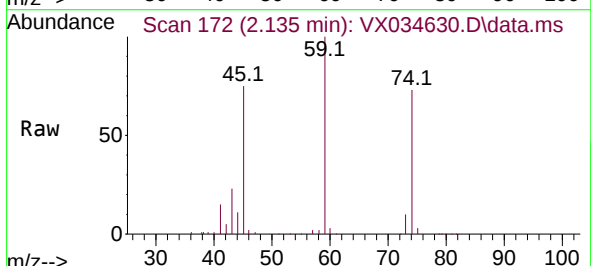
Tgt Ion:101 Resp: 92894
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

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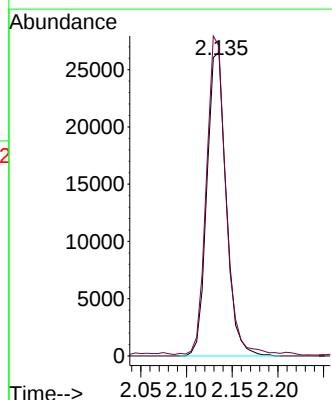
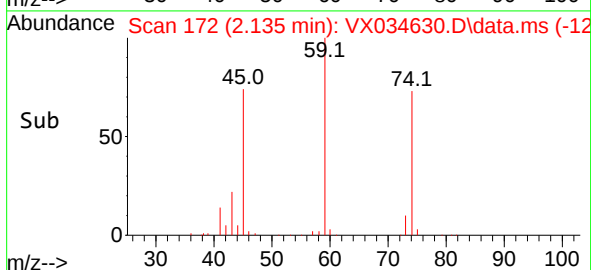
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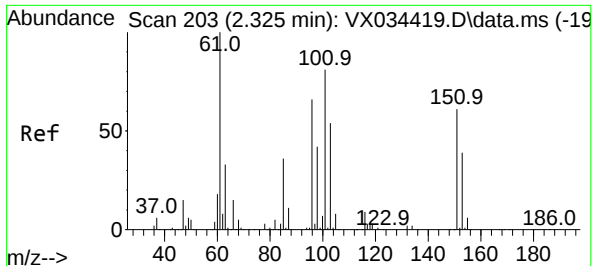


#8
Diethyl Ether
Concen: 23.358 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.005 min
Lab File: VX034630.D
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Tgt Ion: 74 Resp: 38924
Ion Ratio Lower Upper
74 100
45 105.1 49.8 149.3





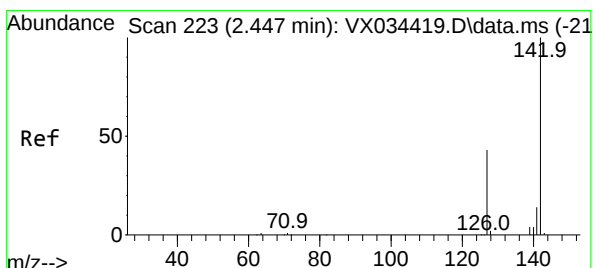
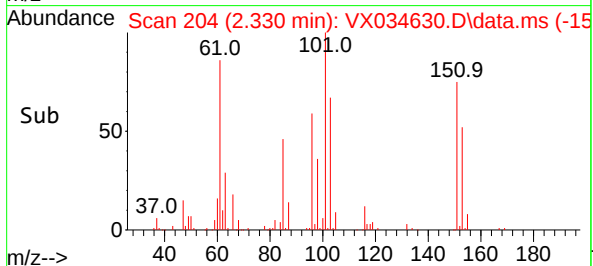
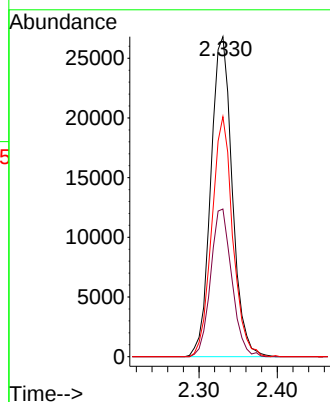
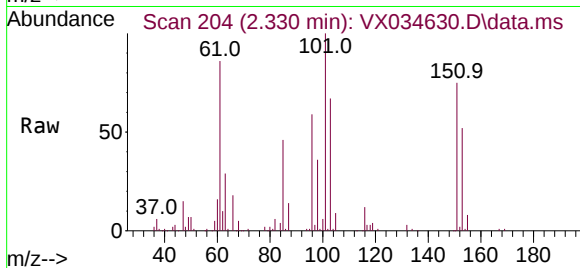
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.166 ug/l
RT: 2.330 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion:101 Resp: 5098
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.2
151 73.4 60.2 90.4

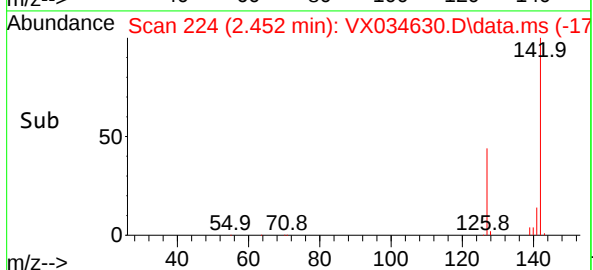
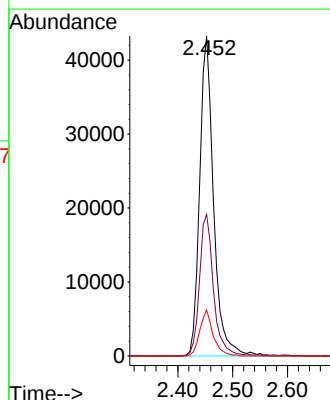
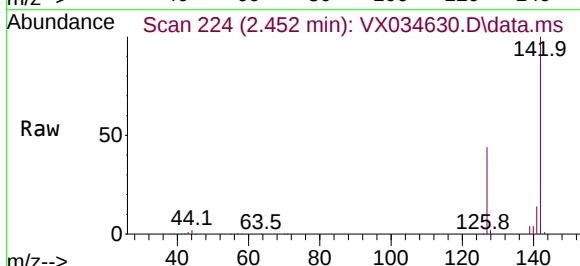
Manual Integrations
APPROVED

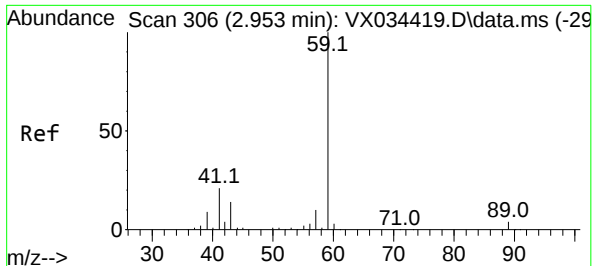
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#10
Methyl Iodide
Concen: 21.876 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion:142 Resp: 76408
Ion Ratio Lower Upper
142 100
127 44.6 34.0 51.0
141 13.7 11.1 16.7





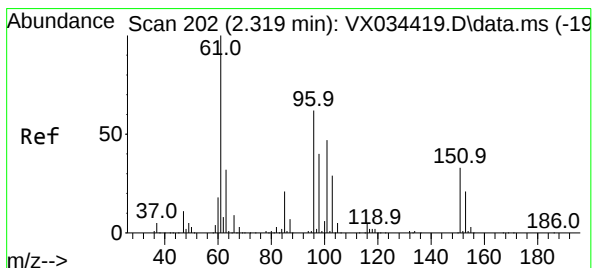
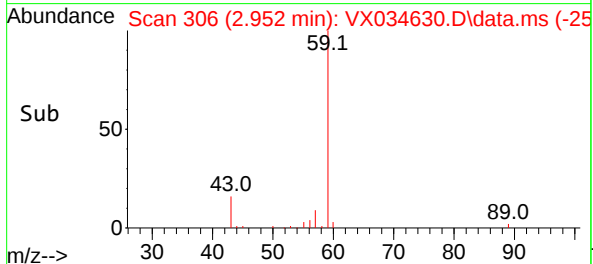
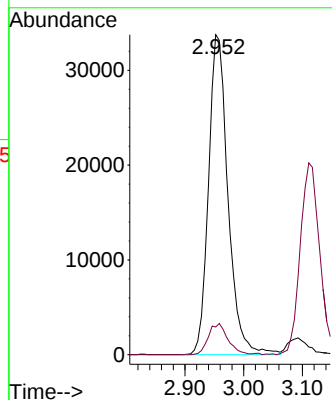
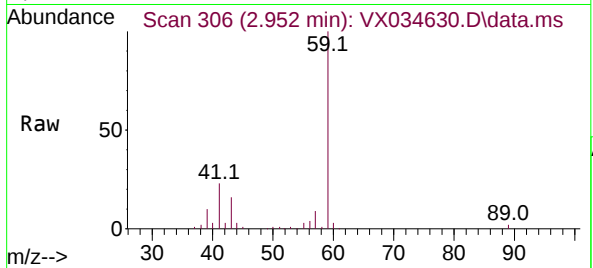
#11
Tert butyl alcohol
Concen: 107.153 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 59 Resp: 7769
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

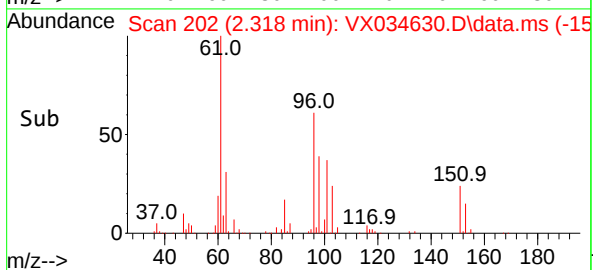
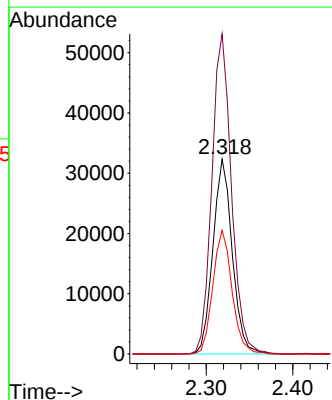
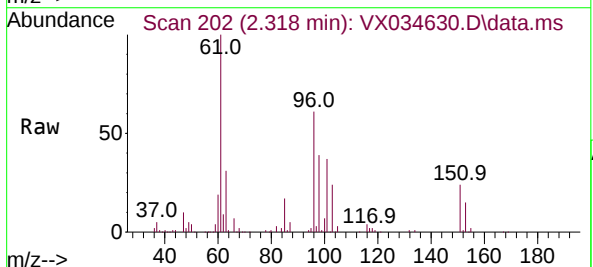
Manual Integrations
APPROVED

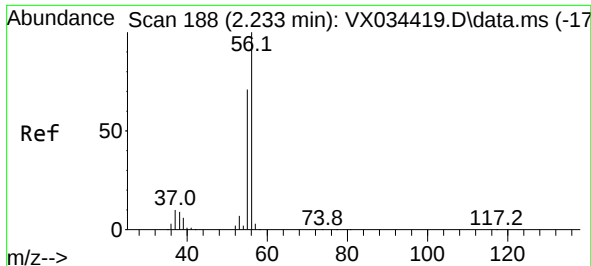
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#12
1,1-Dichloroethene
Concen: 19.146 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 96 Resp: 50164
Ion Ratio Lower Upper
96 100
61 164.3 128.8 193.2
98 63.5 51.4 77.0





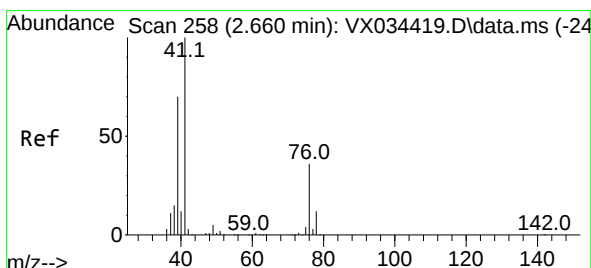
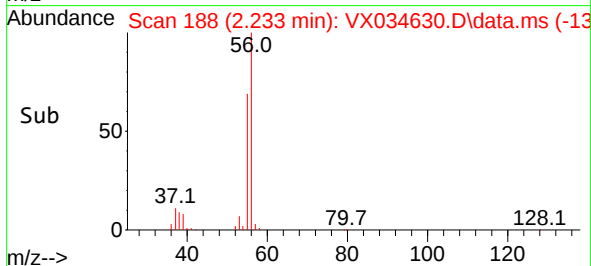
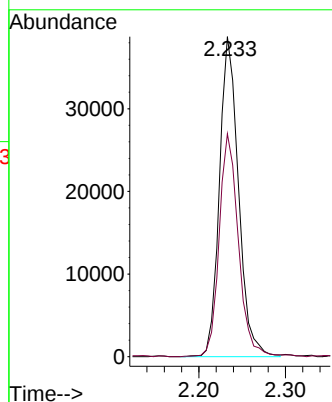
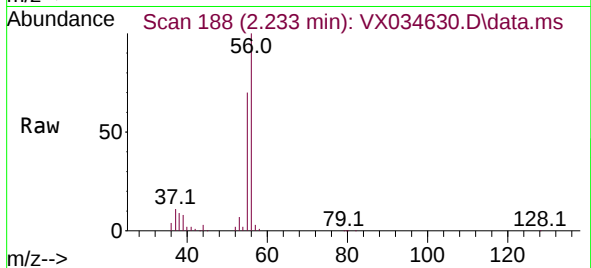
#13
Acrolein
Concen: 102.986 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 56 Resp: 5907
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

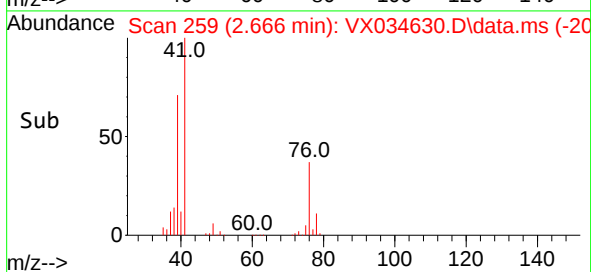
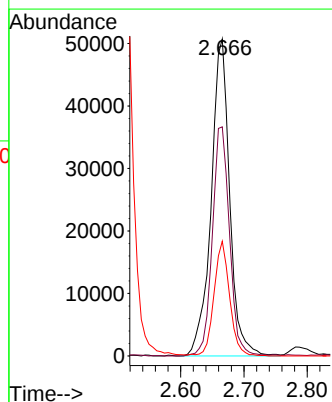
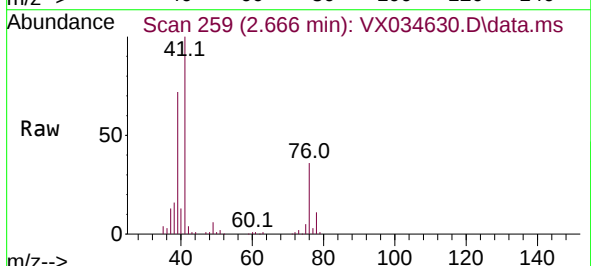
Manual Integrations
APPROVED

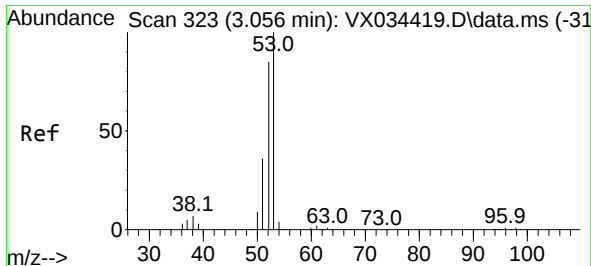
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#14
Allyl chloride
Concen: 19.482 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

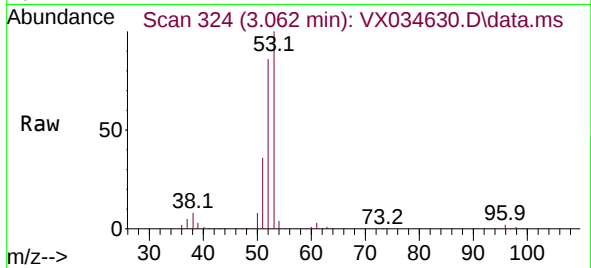
Tgt Ion: 41 Resp: 103481
Ion Ratio Lower Upper
41 100
39 66.9 52.4 78.6
76 30.4 26.0 39.0





#15
Acrylonitrile
Concen: 115.134 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

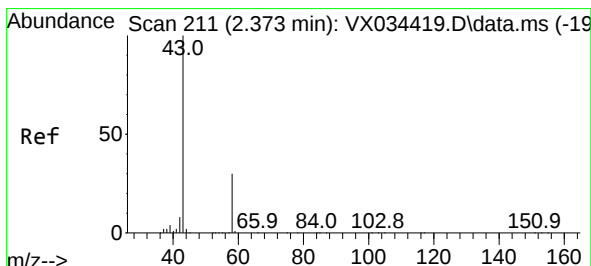
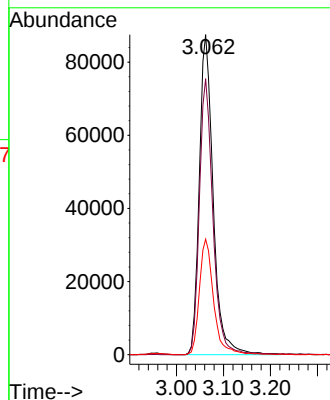
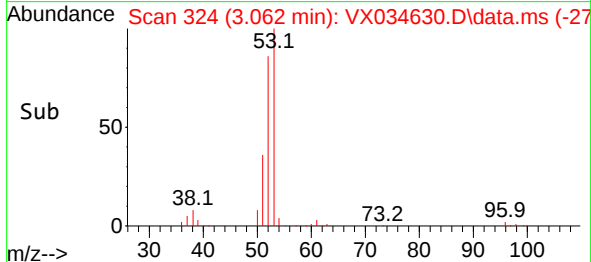
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 53 Resp: 18032
Ion Ratio Lower Upper
53 100
52 84.3 66.2 99.2
51 37.0 28.3 42.5

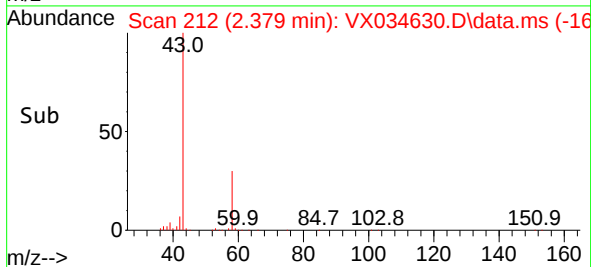
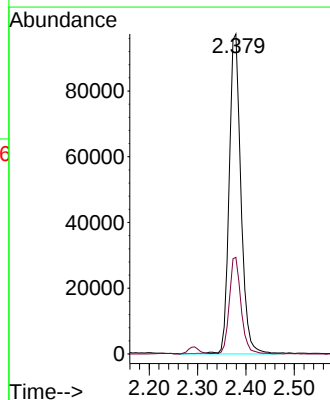
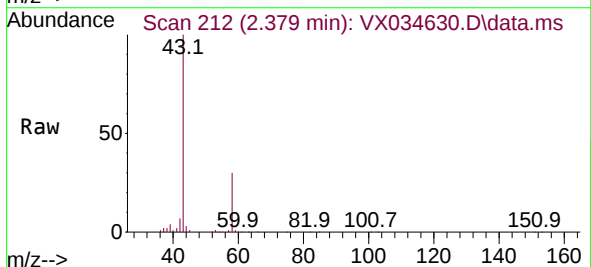
Manual Integrations
APPROVED

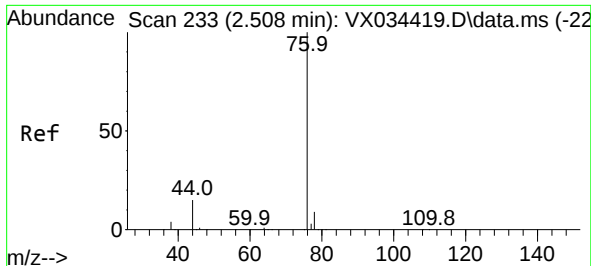
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#16
Acetone
Concen: 100.374 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 43 Resp: 164621
Ion Ratio Lower Upper
43 100
58 30.2 24.7 37.1





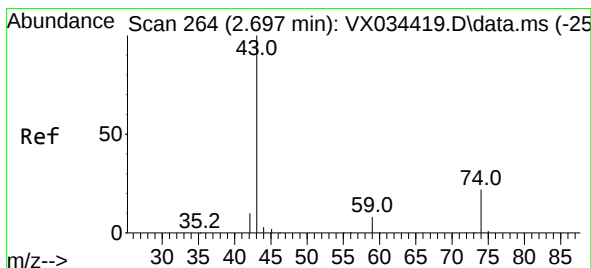
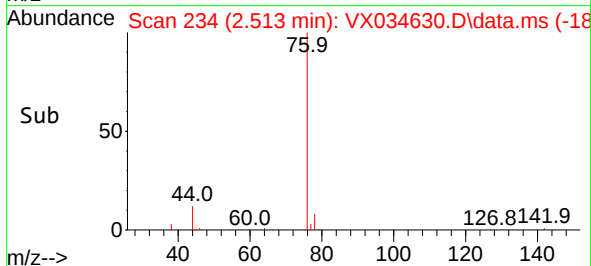
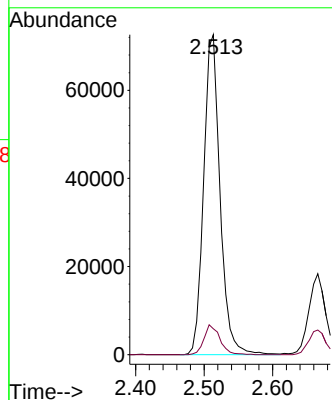
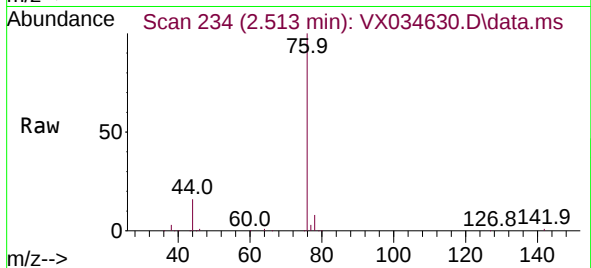
#17
Carbon Disulfide
Concen: 16.421 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 76 Resp: 12107
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

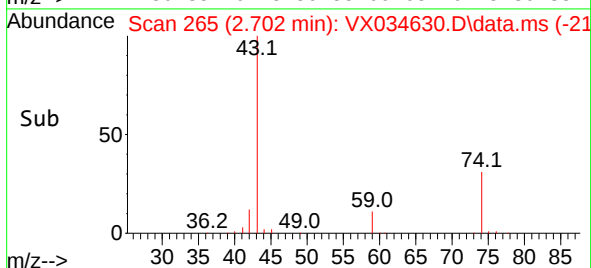
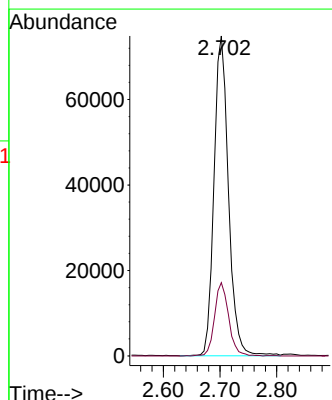
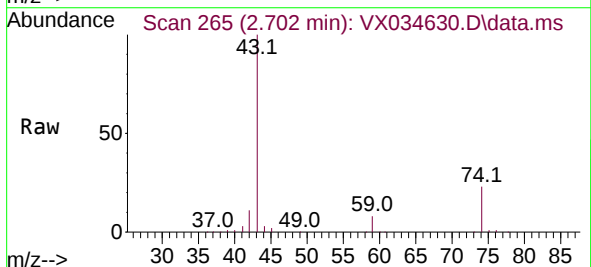
Manual Integrations
APPROVED

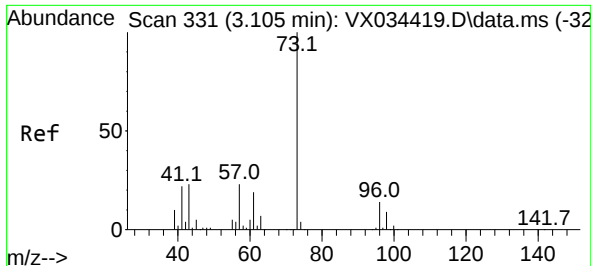
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#18
Methyl Acetate
Concen: 24.724 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 43 Resp: 132497
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5





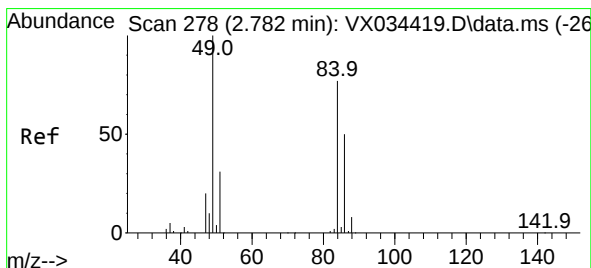
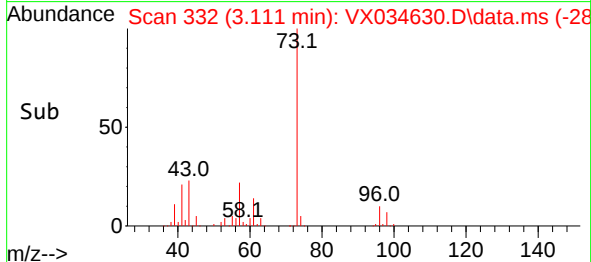
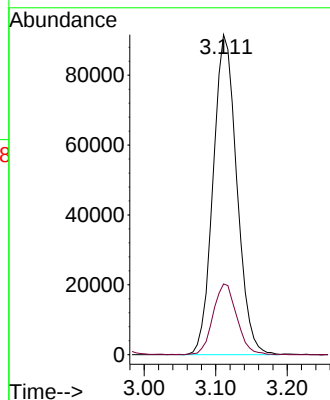
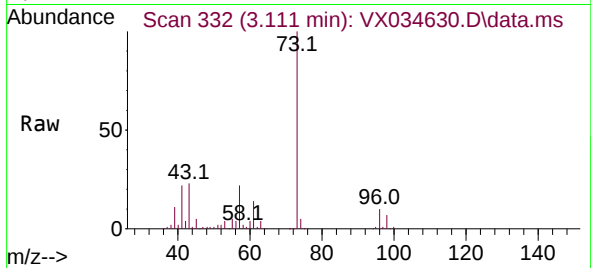
#19
Methyl tert-butyl Ether
Concen: 22.519 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 73 Resp: 211250
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7

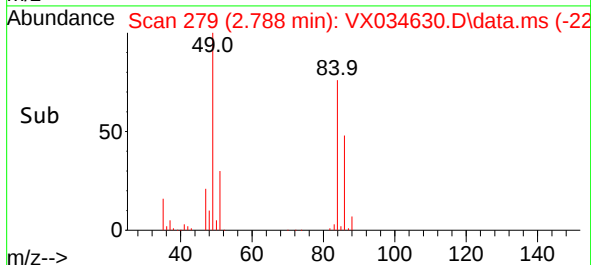
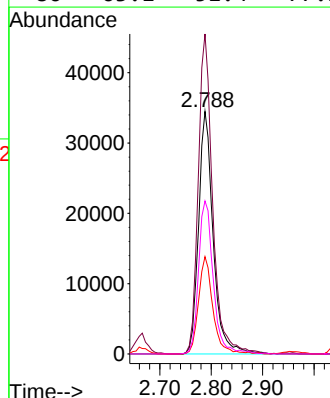
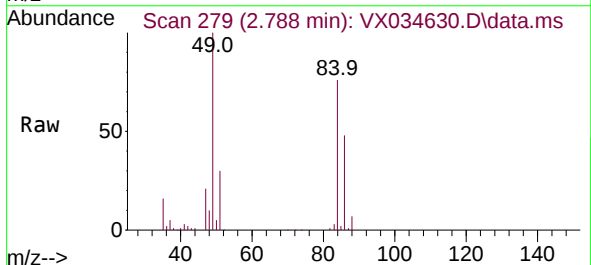
Manual Integrations
APPROVED

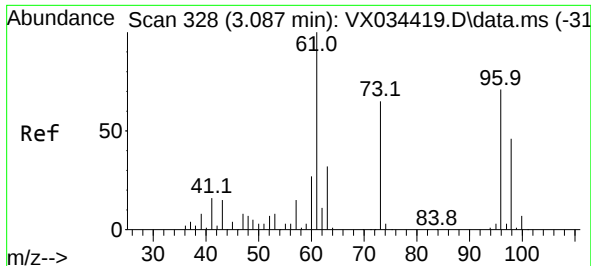
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#20
Methylene Chloride
Concen: 21.416 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

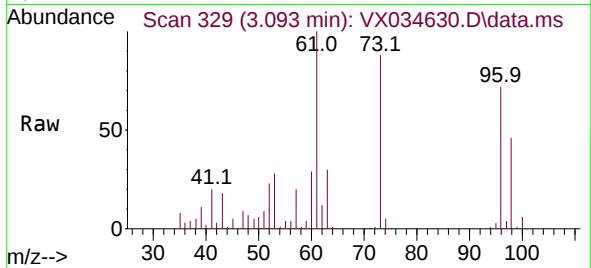
Tgt Ion: 84 Resp: 68169
Ion Ratio Lower Upper
84 100
49 132.0 103.8 155.8
51 40.1 31.8 47.8
86 63.1 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 20.538 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

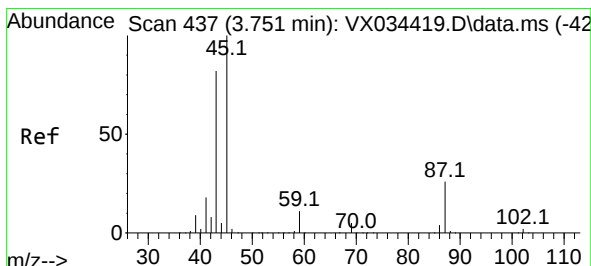
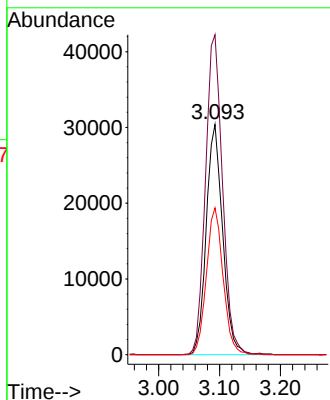
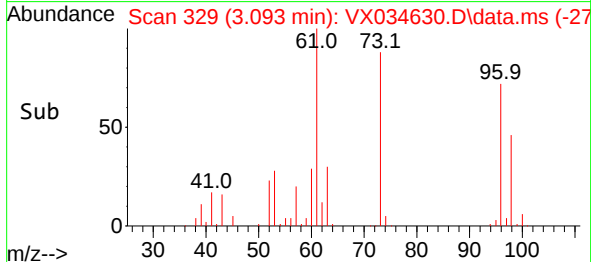
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



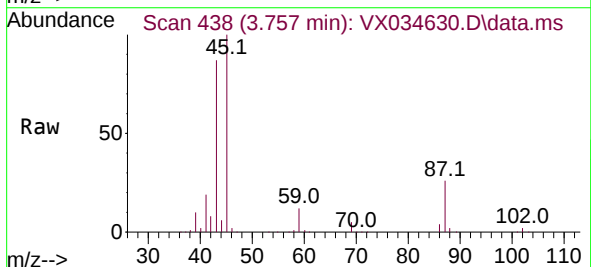
Tgt Ion: 96 Resp: 5714
Ion Ratio Lower Upper
96 100
61 139.0 113.0 169.6
98 63.8 52.1 78.1

Manual Integrations
APPROVED

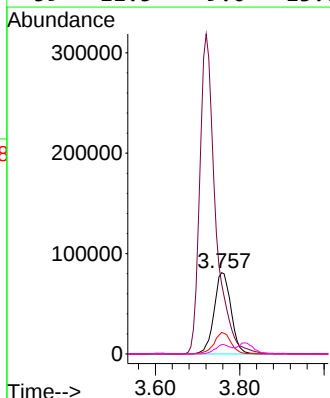
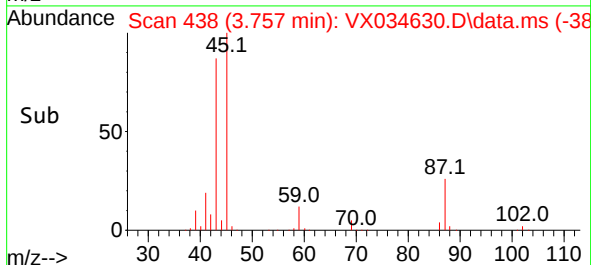
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

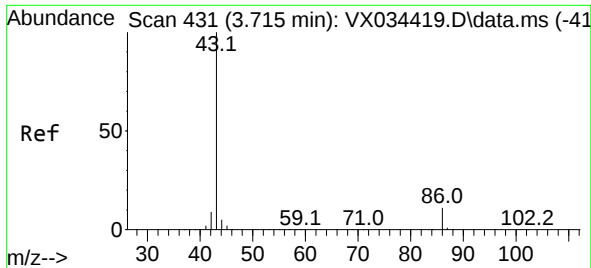


#22
Diisopropyl ether
Concen: 22.161 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08



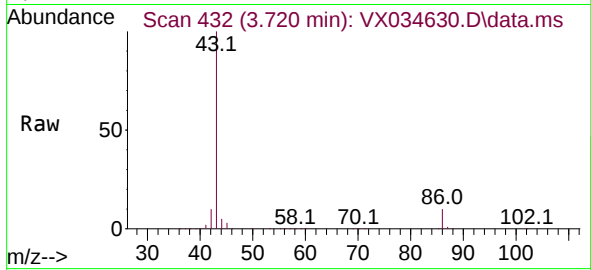
Tgt Ion: 45 Resp: 224433
Ion Ratio Lower Upper
45 100
43 86.6 65.4 98.2
87 26.4 20.6 31.0
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 107.832 ug/l
 RT: 3.720 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX034630.D
 Acq: 20 Mar 2023 16:08

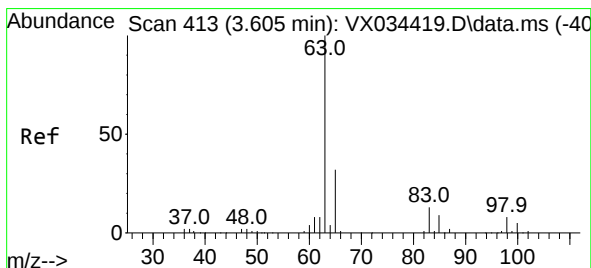
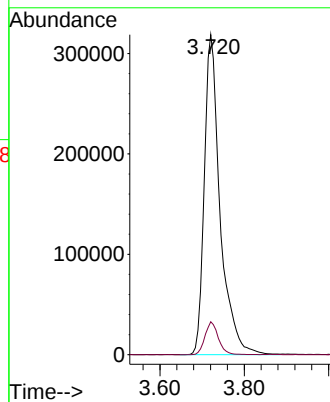
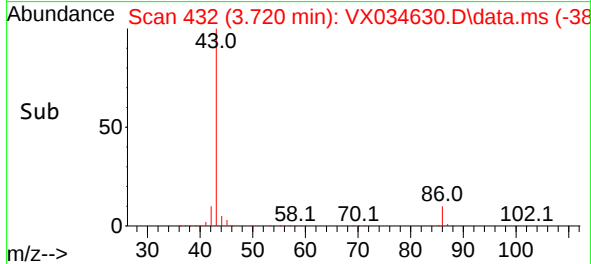
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01



Tgt Ion: 43 Resp: 83112
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

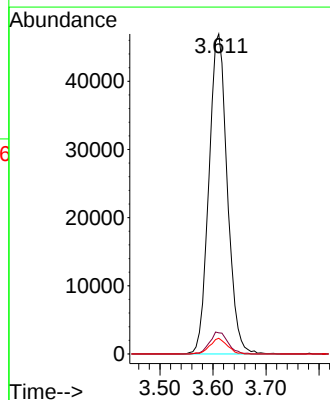
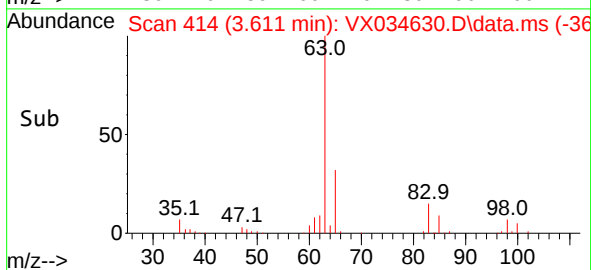
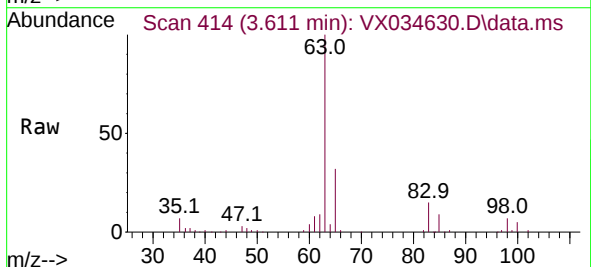
Manual Integrations
 APPROVED

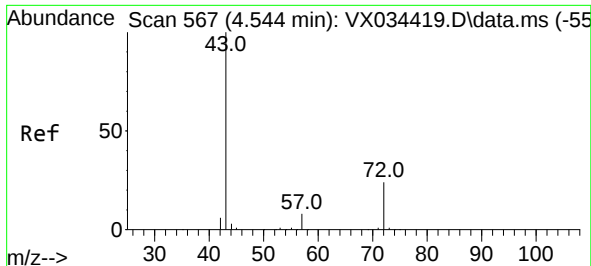
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#24
 1,1-Dichloroethane
 Concen: 20.746 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034630.D
 Acq: 20 Mar 2023 16:08

Tgt Ion: 63 Resp: 112939
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.2
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 110.844 ug/l

RT: 4.550 min Scan# 50

Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 43 Resp: 26012

Ion Ratio Lower Upper

43 100

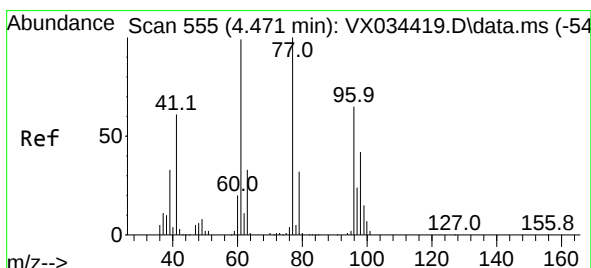
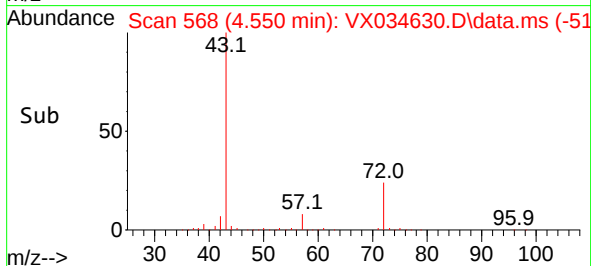
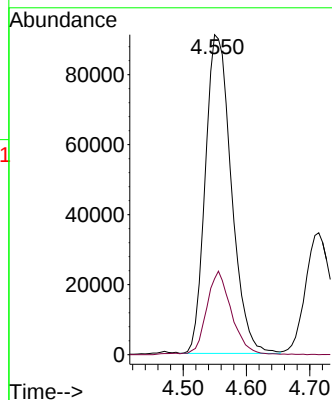
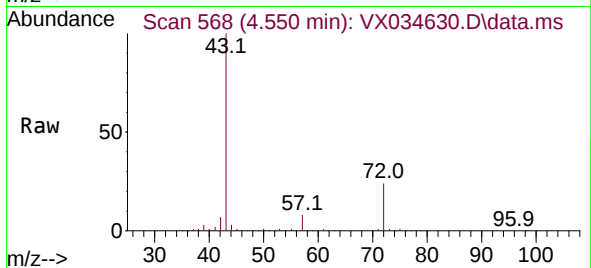
72 23.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#26

2,2-Dichloropropane

Concen: 17.994 ug/l

RT: 4.476 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX034630.D

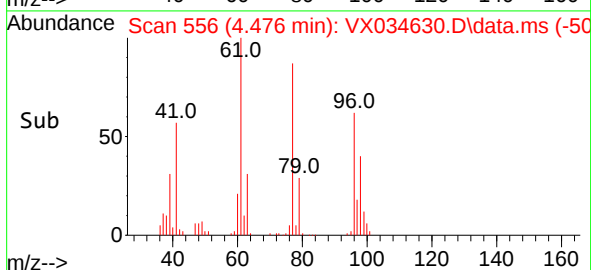
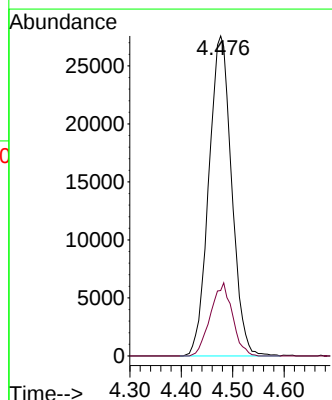
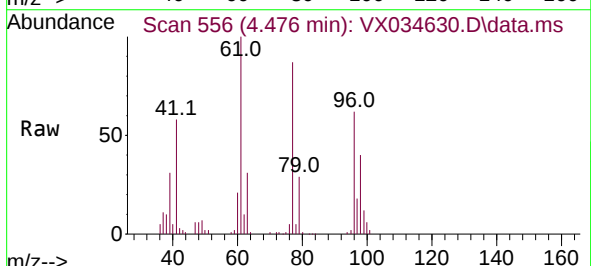
Acq: 20 Mar 2023 16:08

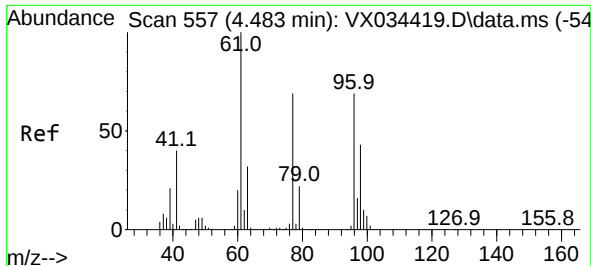
Tgt Ion: 77 Resp: 85148

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.867 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 96 Resp: 69894

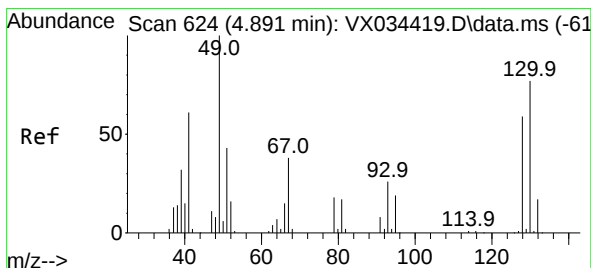
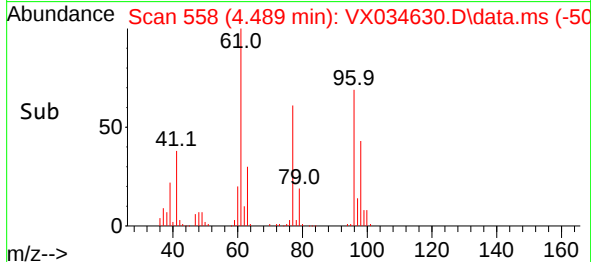
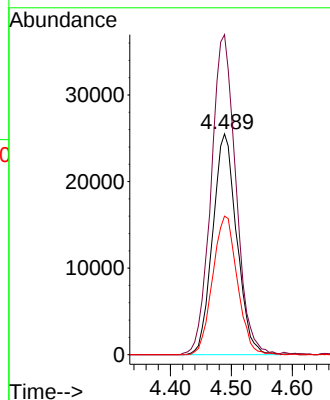
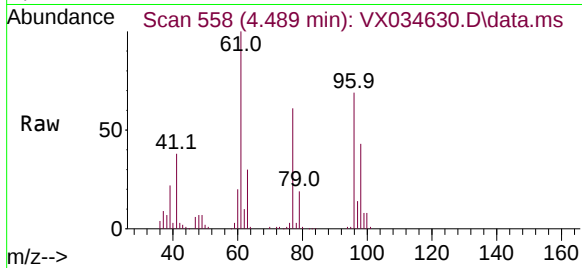
Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	300.4
98	64.4	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#28

Bromochloromethane

Concen: 25.585 ug/l

RT: 4.897 min Scan# 625

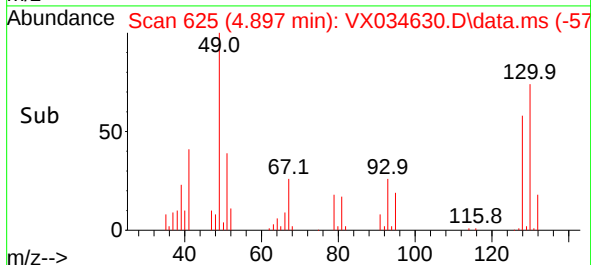
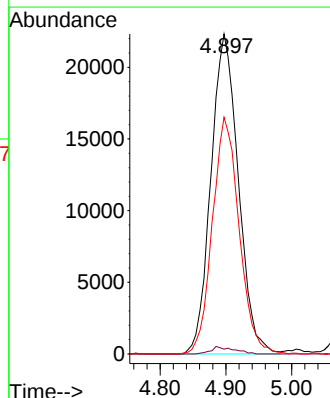
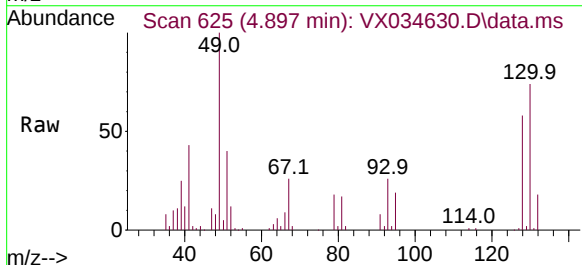
Delta R.T. 0.006 min

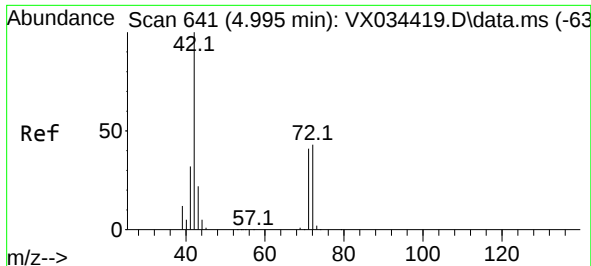
Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Tgt Ion: 49 Resp: 64764

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	72.0	58.2	87.2





#29

Tetrahydrofuran

Concen: 117.562 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 42 Resp: 17023

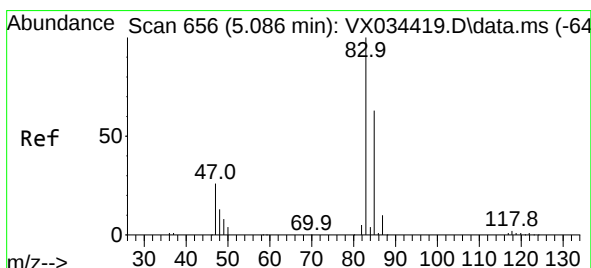
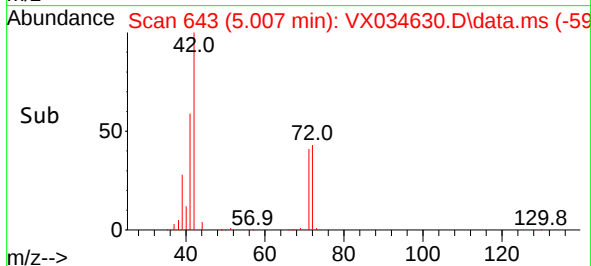
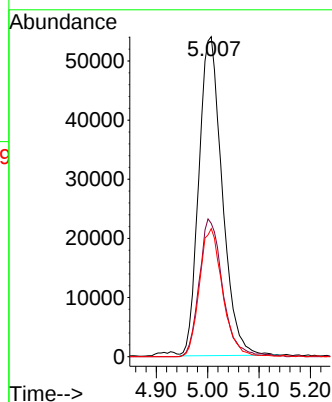
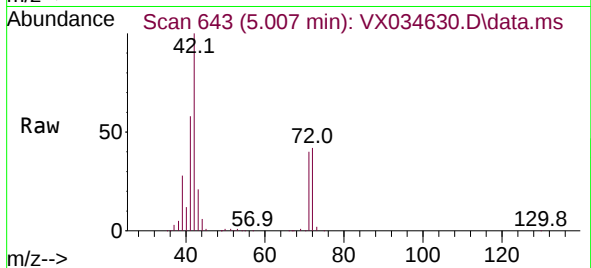
Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.5	51.7
71	39.9	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#30

Chloroform

Concen: 21.686 ug/l

RT: 5.092 min Scan# 657

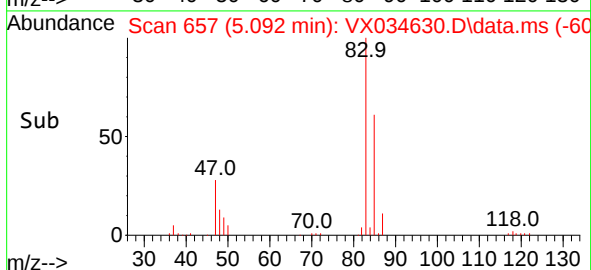
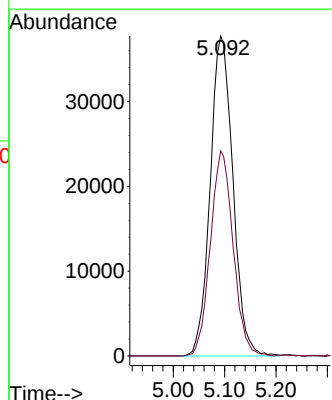
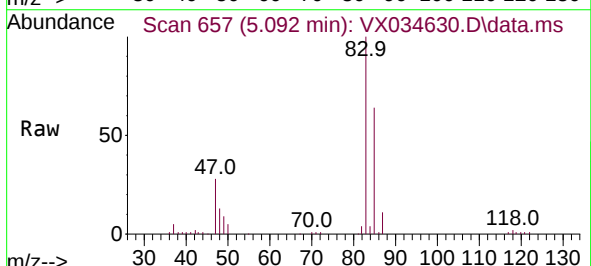
Delta R.T. 0.006 min

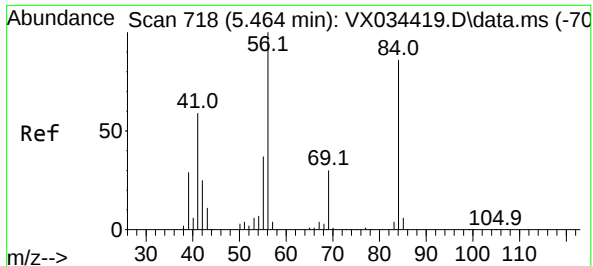
Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Tgt Ion: 83 Resp: 115727

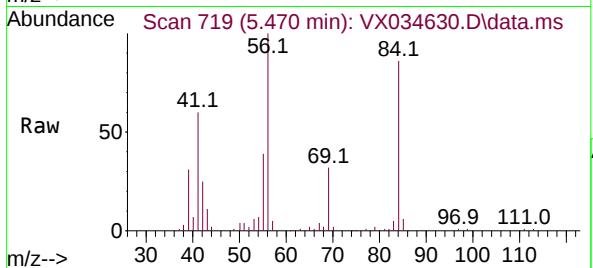
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.6	76.0





#31
Cyclohexane
Concen: 19.244 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

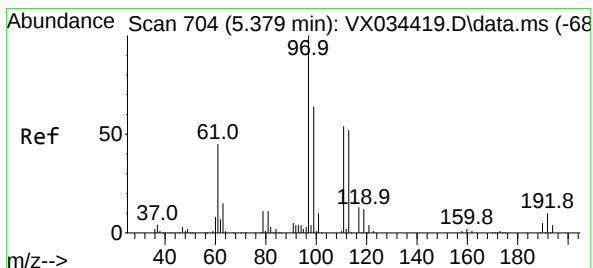
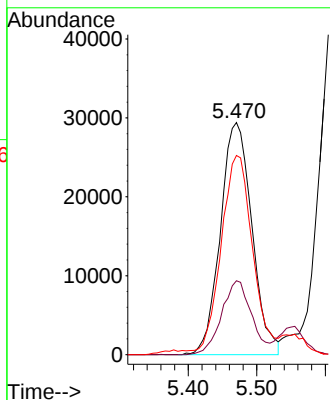
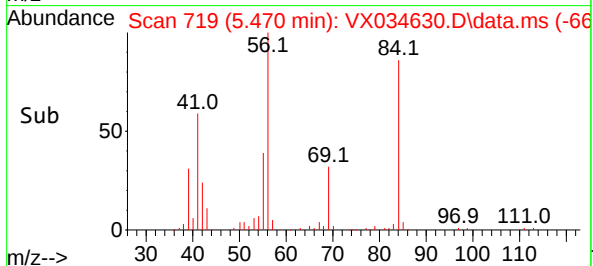
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 56 Resp: 9396
Ion Ratio Lower Upper
56 100
69 31.8 23.7 35.5
84 84.2 68.5 102.7

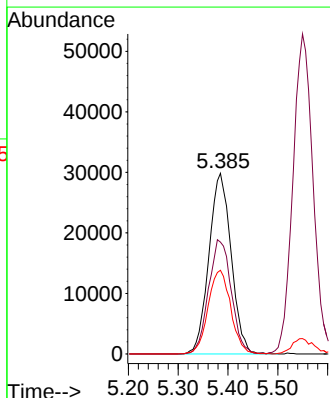
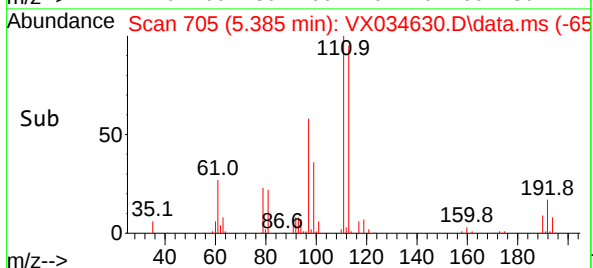
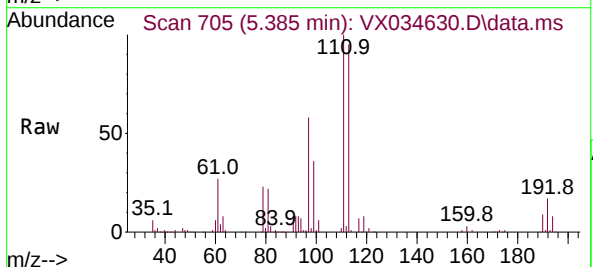
Manual Integrations
APPROVED

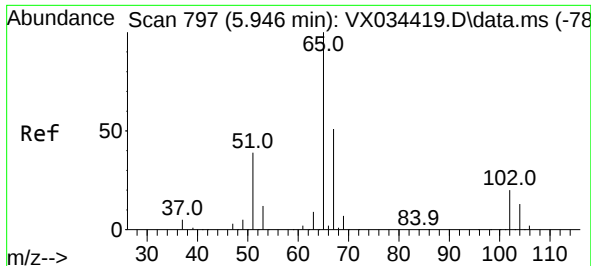
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#32
1,1,1-Trichloroethane
Concen: 19.564 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 97 Resp: 92421
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 47.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 56.905 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 65 Resp: 198128

Ion Ratio Lower Upper

65 100

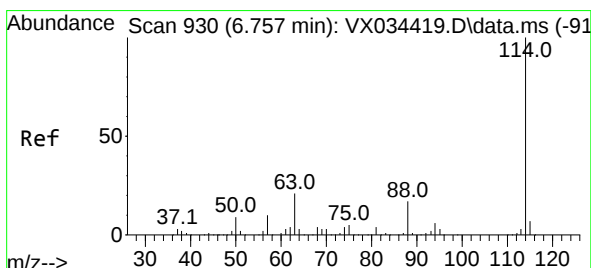
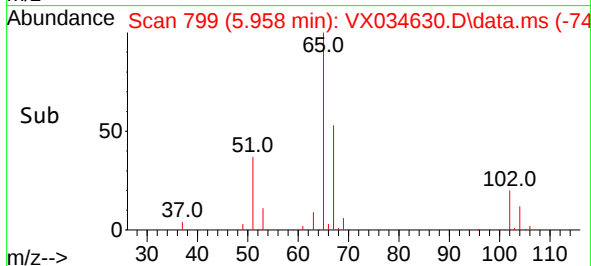
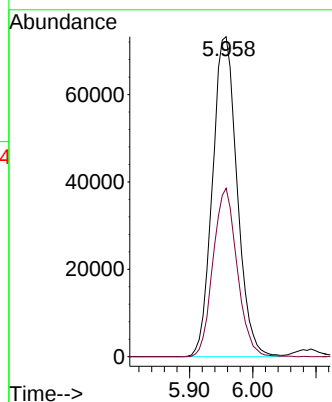
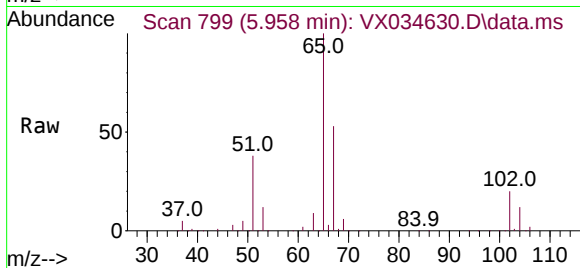
67 51.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

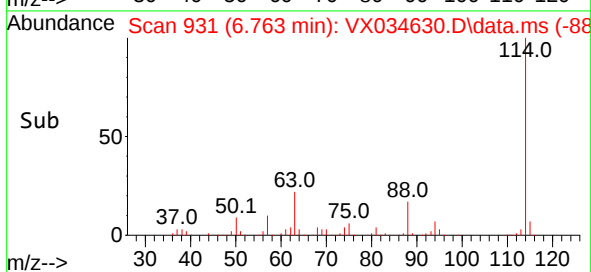
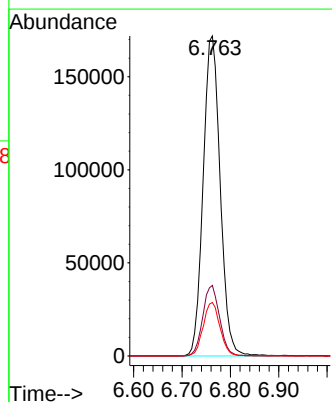
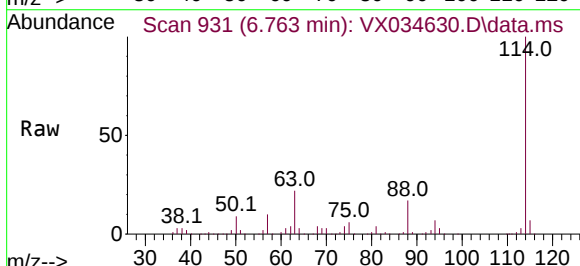
Tgt Ion:114 Resp: 420721

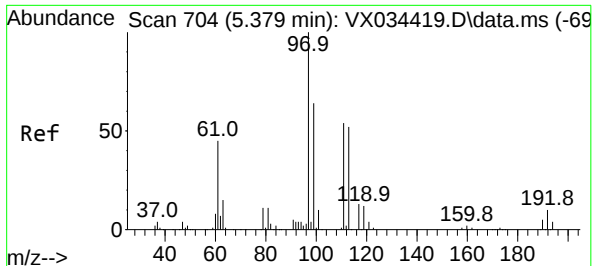
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.407 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion:113 Resp: 14557

Ion Ratio Lower Upper

113 100

111 102.5 83.7 125.5

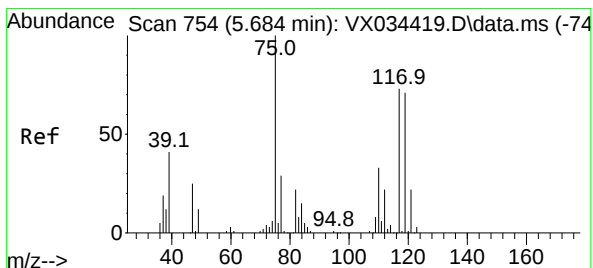
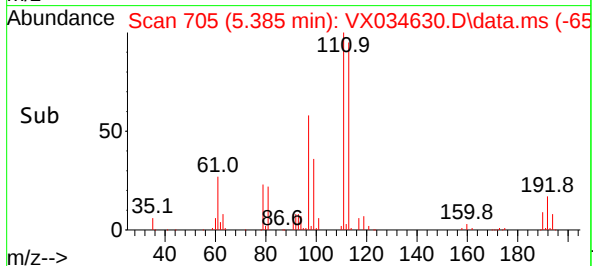
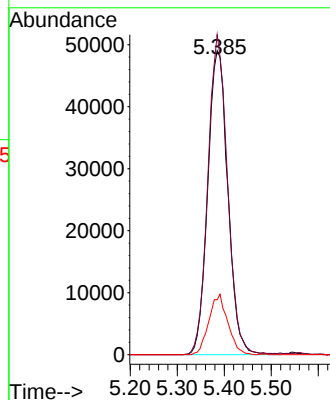
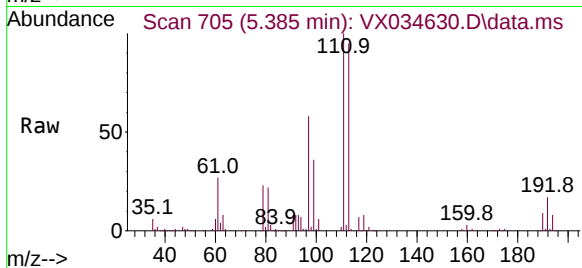
192 18.7 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#36

1,1-Dichloropropene

Concen: 18.520 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

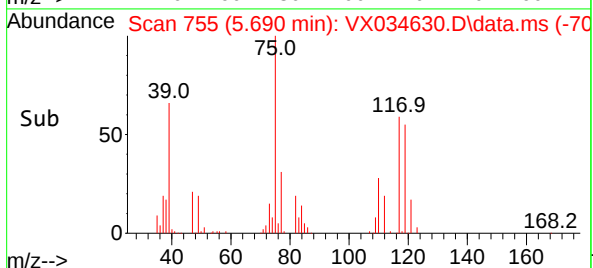
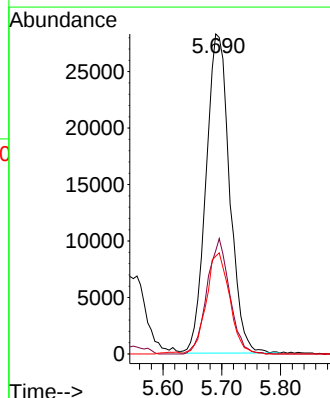
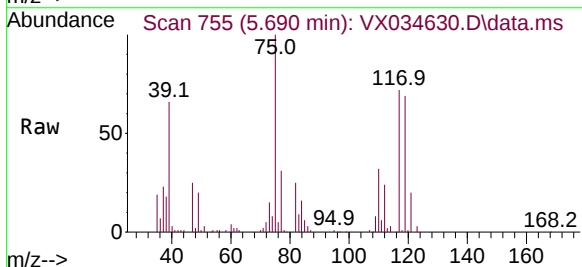
Tgt Ion: 75 Resp: 79018

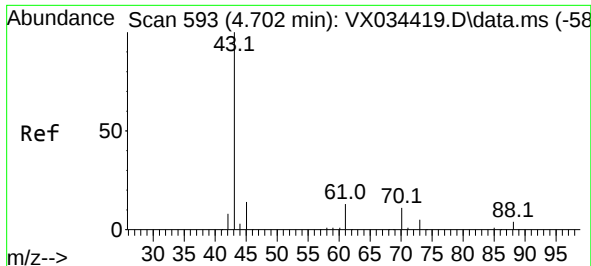
Ion Ratio Lower Upper

75 100

110 34.6 17.5 52.5

77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 21.583 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 43 Resp: 100599

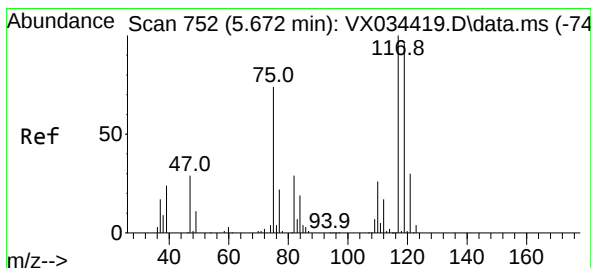
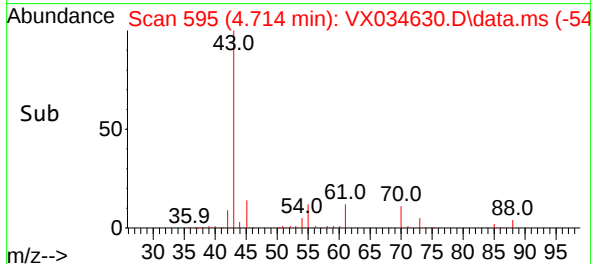
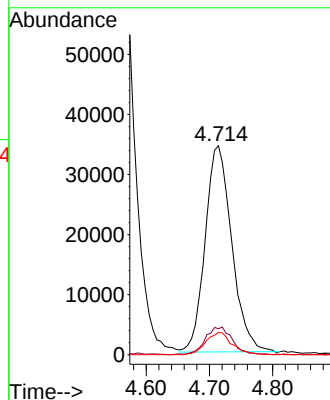
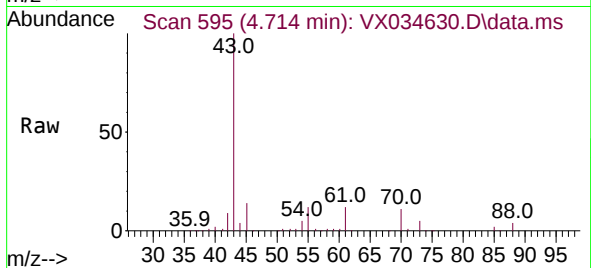
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.4
70	10.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#38

Carbon Tetrachloride

Concen: 17.471 ug/l

RT: 5.677 min Scan# 753

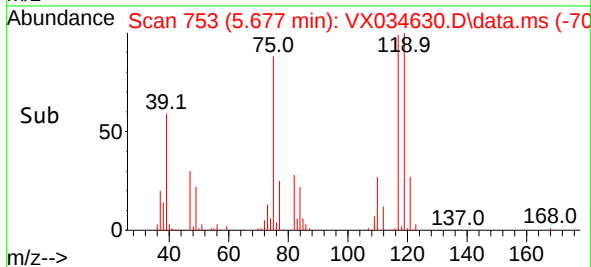
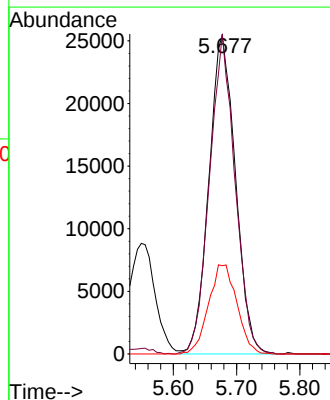
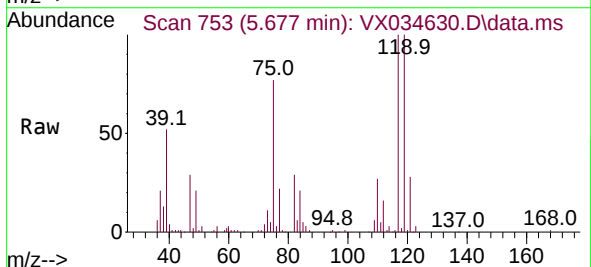
Delta R.T. 0.006 min

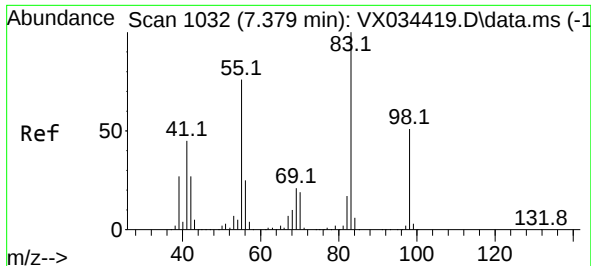
Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Tgt Ion:117 Resp: 74152

Ion	Ratio	Lower	Upper
117	100		
119	100.4	76.6	114.8
121	27.7	23.8	35.6





#39

Methylcyclohexane

Concen: 18.964 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 83 Resp: 96825

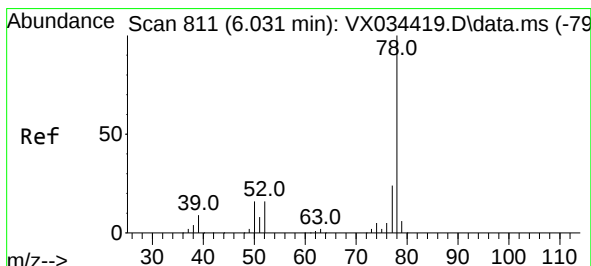
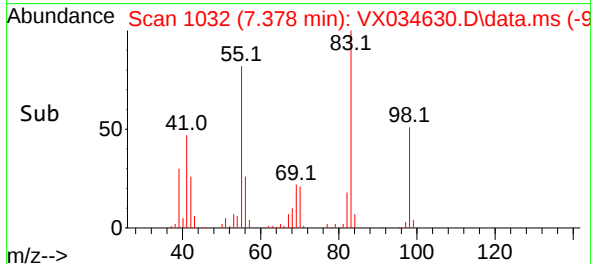
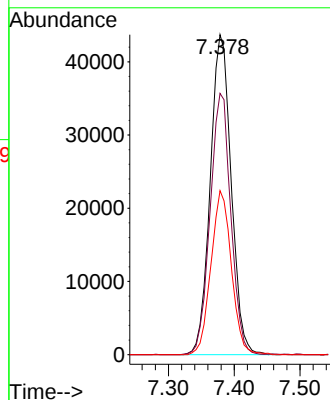
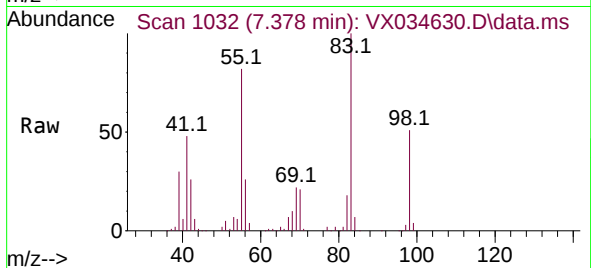
Ion	Ratio	Lower	Upper
83	100		
55	81.7	60.5	90.7
98	51.3	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#40

Benzene

Concen: 19.810 ug/l

RT: 6.037 min Scan# 812

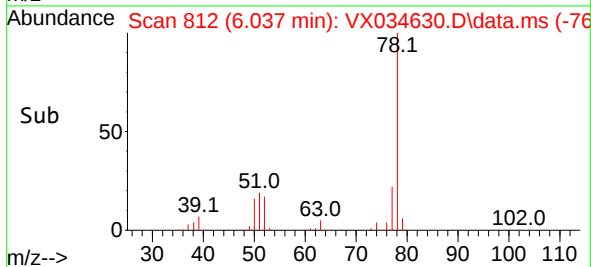
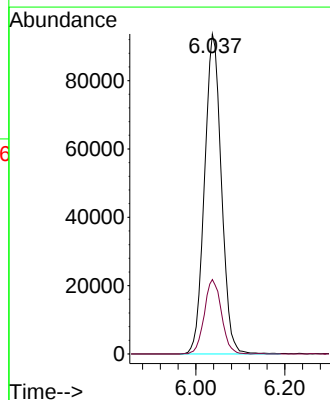
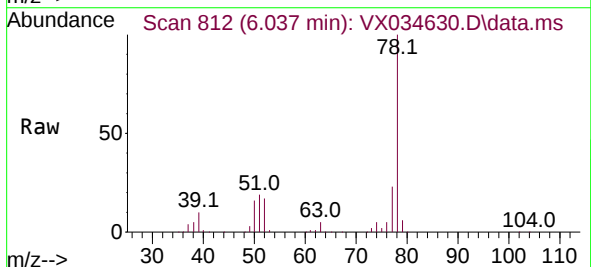
Delta R.T. 0.006 min

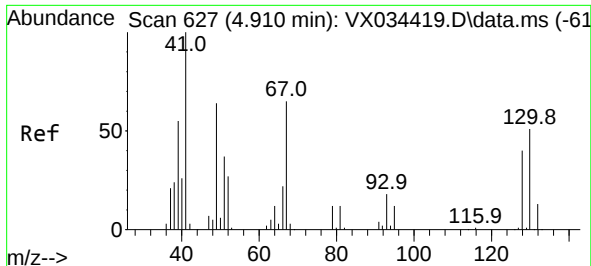
Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Tgt Ion: 78 Resp: 247246

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





#41
Methacrylonitrile
Concen: 21.294 ug/l
RT: 4.915 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 41 Resp: 5439

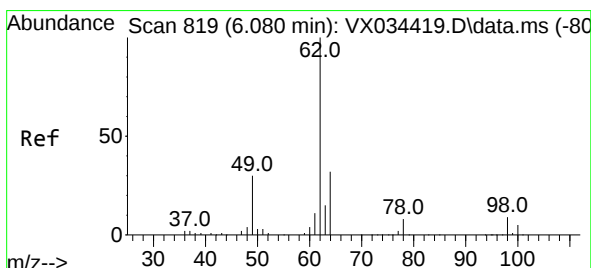
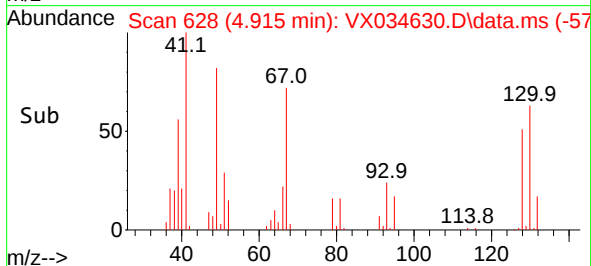
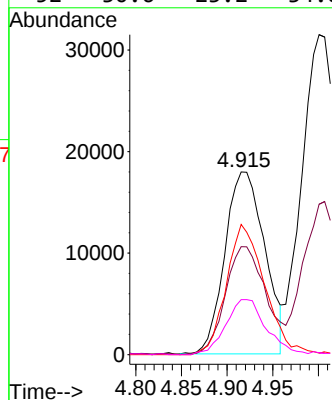
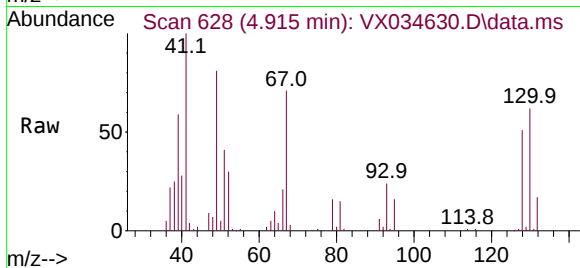
Ion	Ratio	Lower	Upper
41	100		
39	61.3	45.0	67.6
67	69.4	55.6	83.4
52	30.6	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

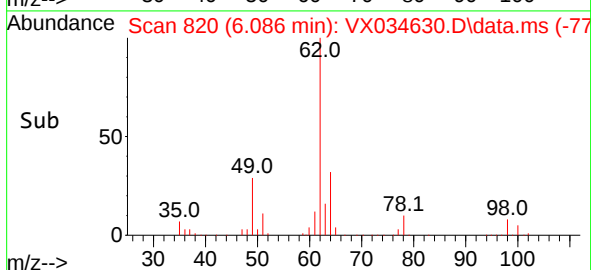
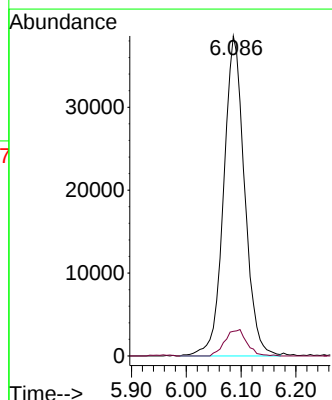
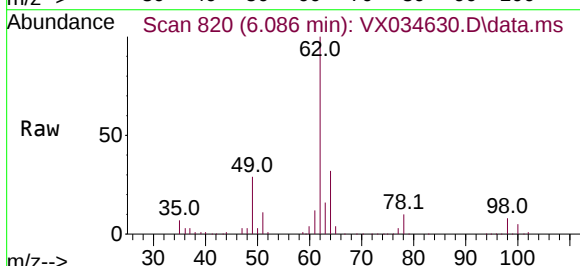
Supervised By :Mahesh Dadoda 03/21/2023

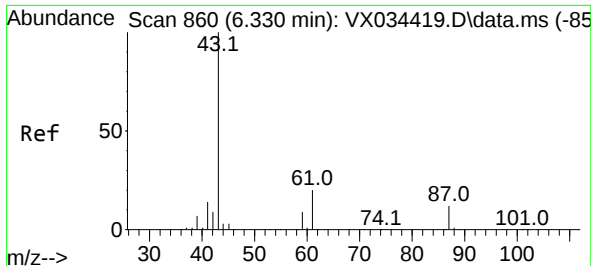


#42
1,2-Dichloroethane
Concen: 22.304 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 62 Resp: 102310

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0





#43

Isopropyl Acetate

Concen: 21.270 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

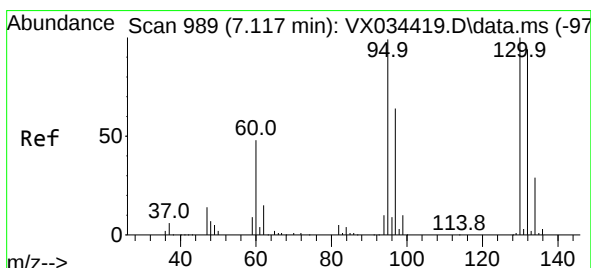
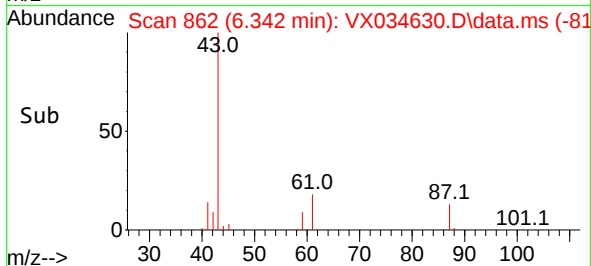
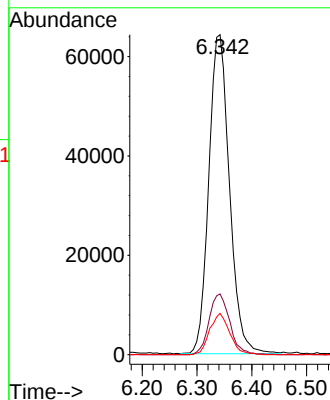
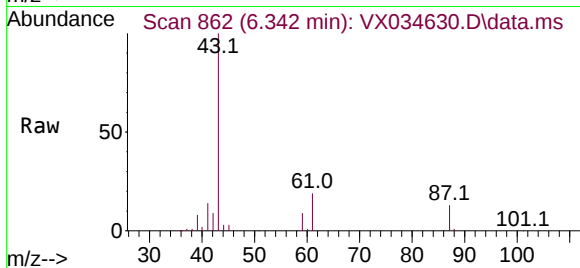
Tgt Ion: 43	Resp: 167949
Ion Ratio	Lower Upper
43	100
61	19.1 15.2 22.8
87	12.6 9.8 14.8

Manual Integrations

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Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#44

Trichloroethene

Concen: 20.163 ug/l

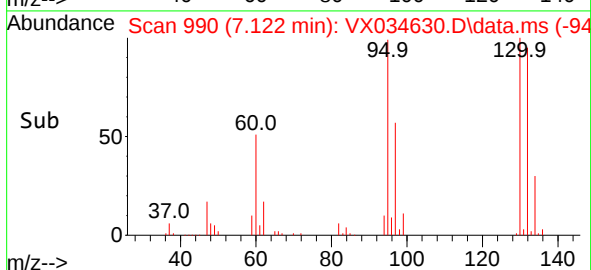
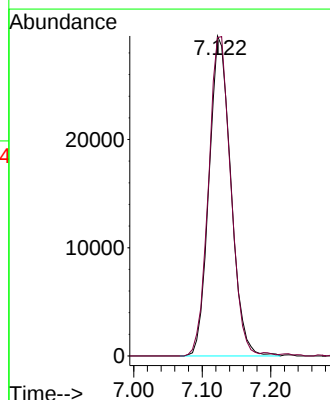
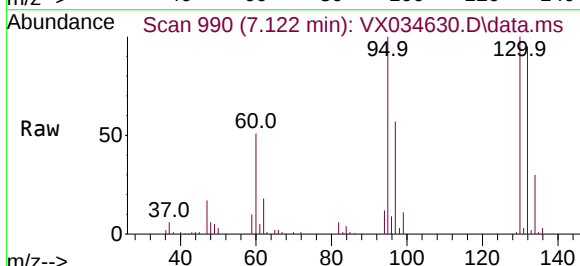
RT: 7.122 min Scan# 990

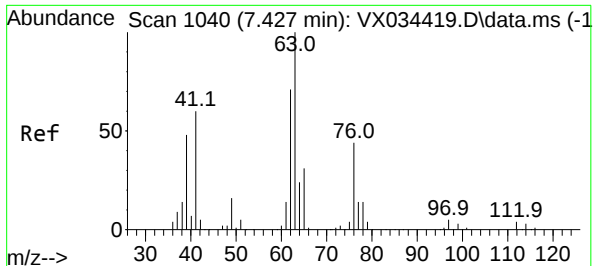
Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Tgt Ion:130	Resp: 65388
Ion Ratio	Lower Upper
130	100
95	99.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.715 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 63 Resp: 7076

Ion Ratio Lower Upper

63 100

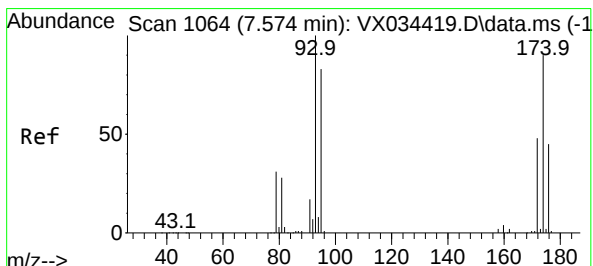
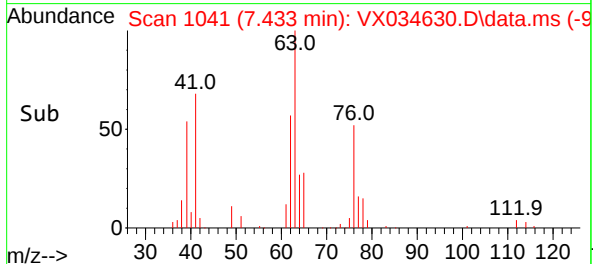
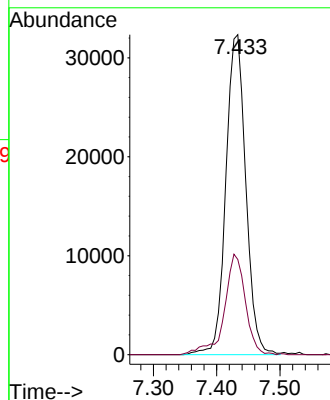
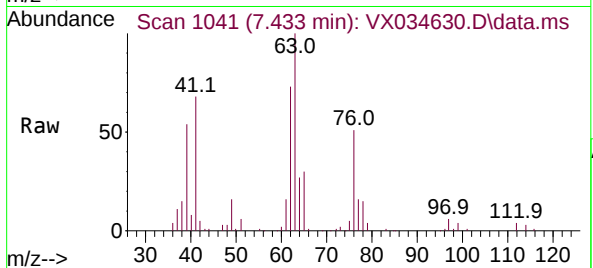
65 29.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#46

Dibromomethane

Concen: 22.822 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.012 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

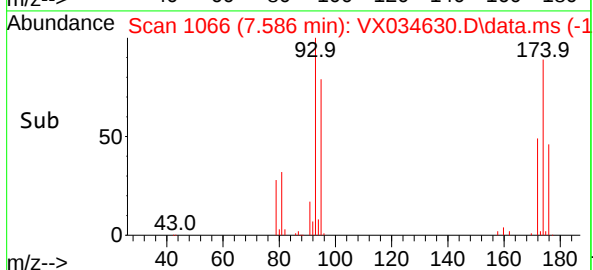
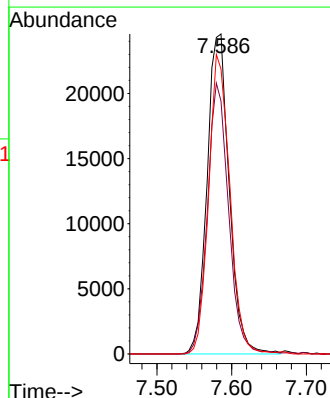
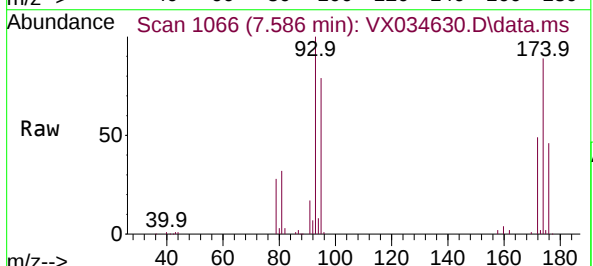
Tgt Ion: 93 Resp: 50563

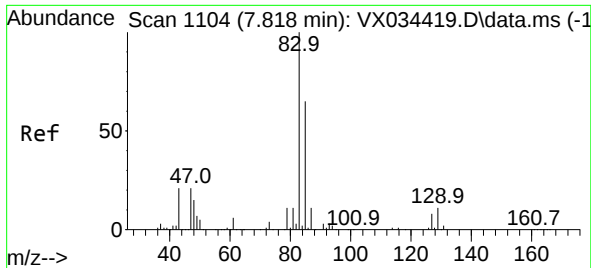
Ion Ratio Lower Upper

93 100

95 81.0 66.9 100.3

174 89.6 75.4 113.0





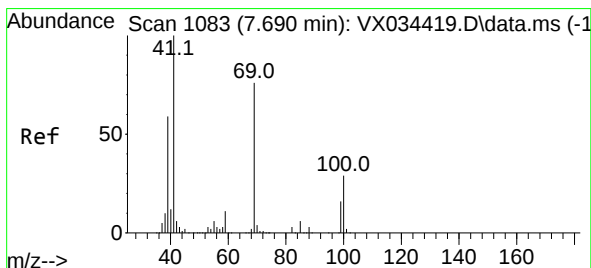
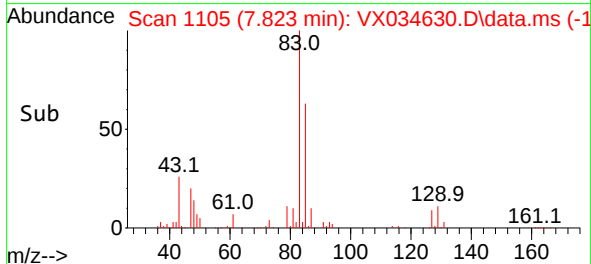
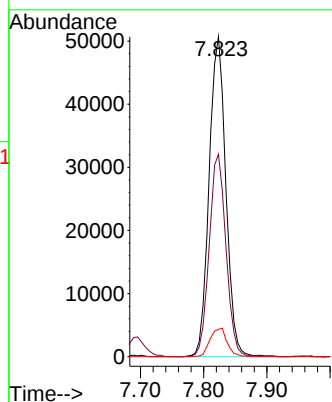
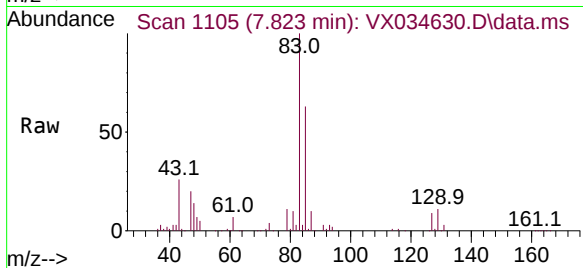
#47
Bromodichloromethane
Concen: 21.733 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 83 Resp: 93190
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.4
127 8.6 6.6 9.8

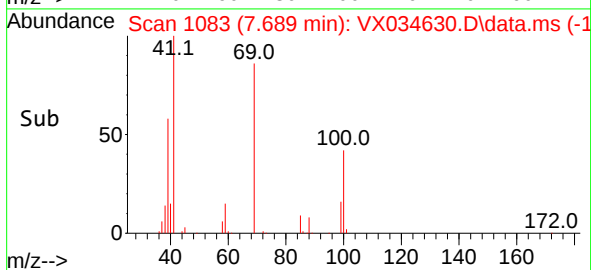
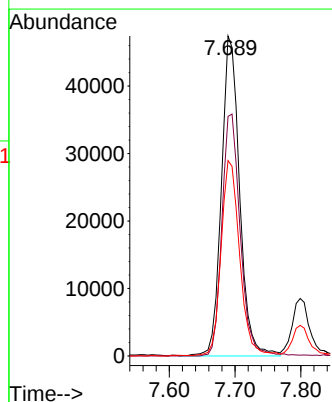
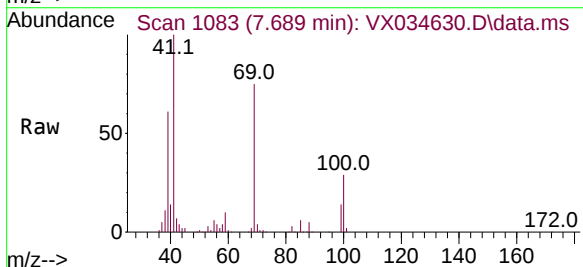
Manual Integrations
APPROVED

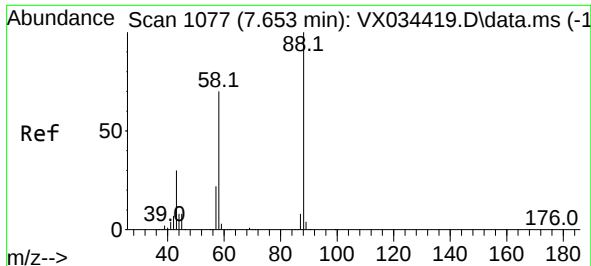
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#48
Methyl methacrylate
Concen: 24.060 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 41 Resp: 91371
Ion Ratio Lower Upper
41 100
69 76.1 62.2 93.4
39 62.0 47.7 71.5





#49

1,4-Dioxane

Concen: 499.846 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

Tgt Ion: 88 Resp: 39870

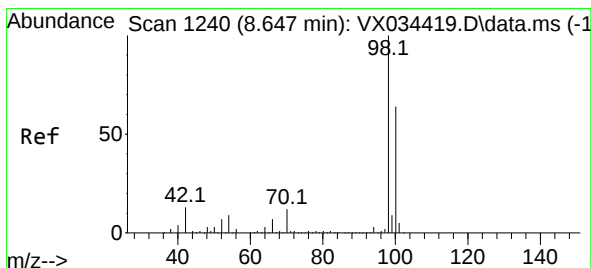
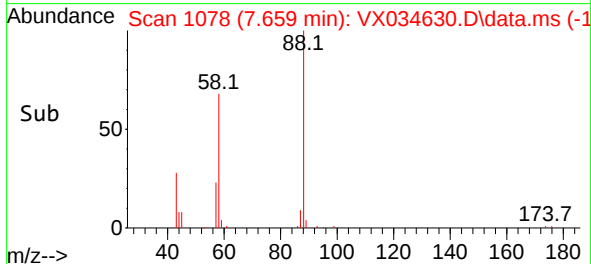
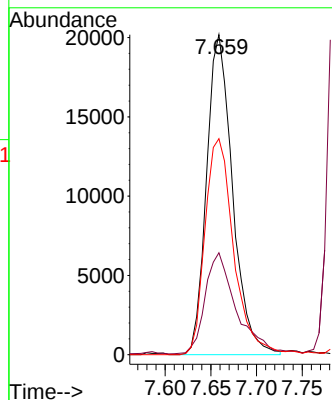
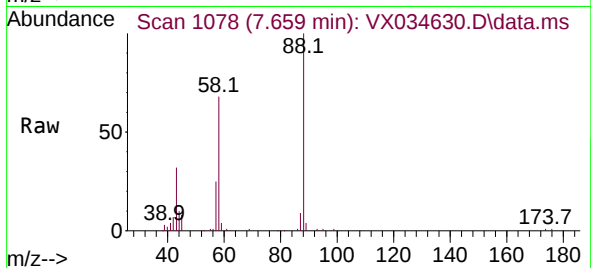
Ion	Ratio	Lower	Upper
88	100		
43	37.9	27.7	41.5
58	74.8	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#50

Toluene-d8

Concen: 53.854 ug/l

RT: 8.646 min Scan# 1240

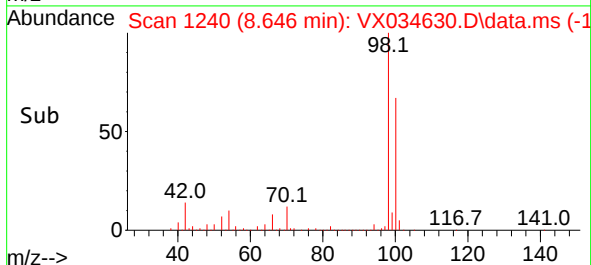
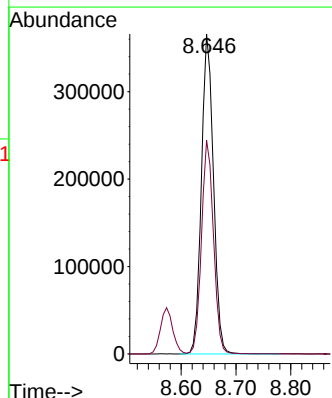
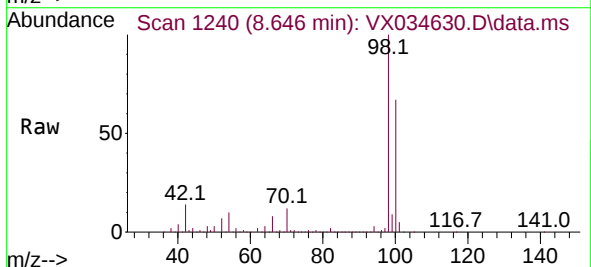
Delta R.T. -0.000 min

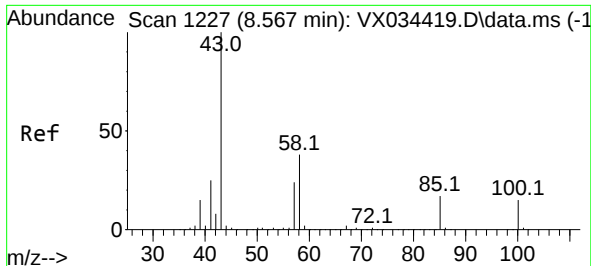
Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Tgt Ion: 98 Resp: 558450

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.5	78.7





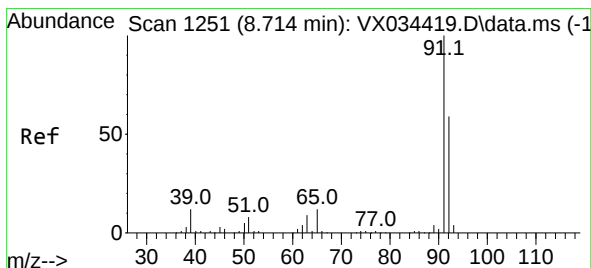
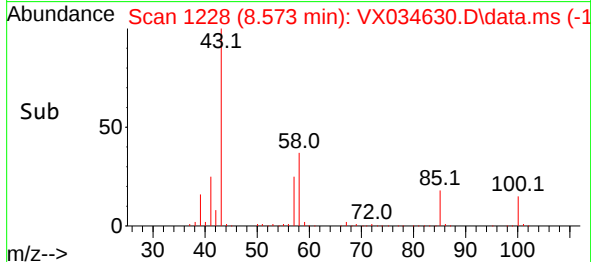
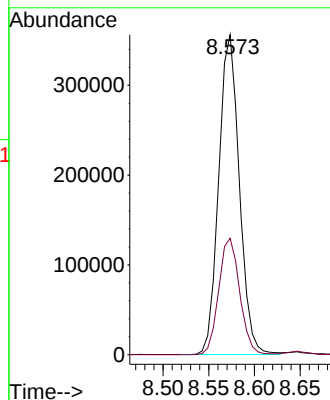
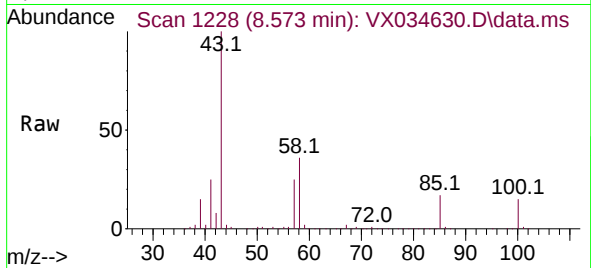
#51
4-Methyl-2-Pentanone
Concen: 122.066 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 43 Resp: 559138
Ion Ratio Lower Upper
43 100
58 37.1 30.6 46.0

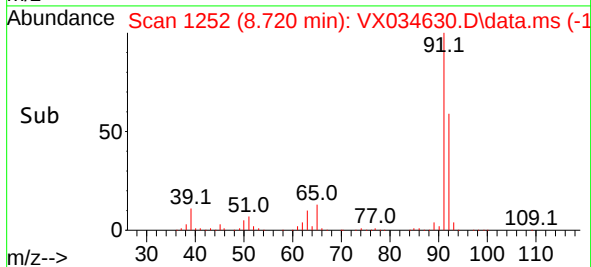
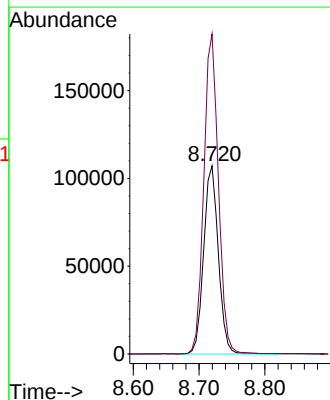
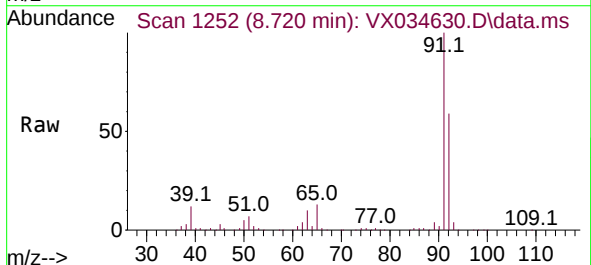
Manual Integrations
APPROVED

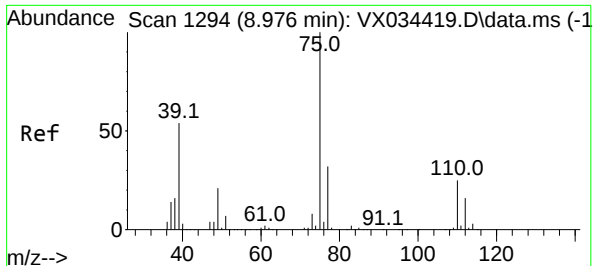
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#52
Toluene
Concen: 21.530 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

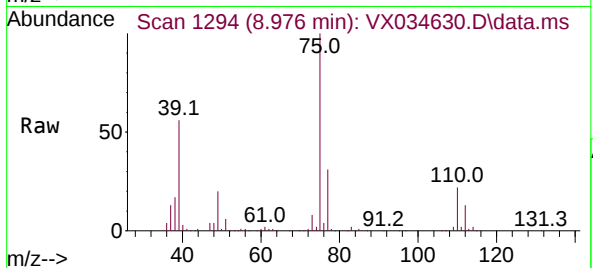
Tgt Ion: 92 Resp: 166365
Ion Ratio Lower Upper
92 100
91 169.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 21.302 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

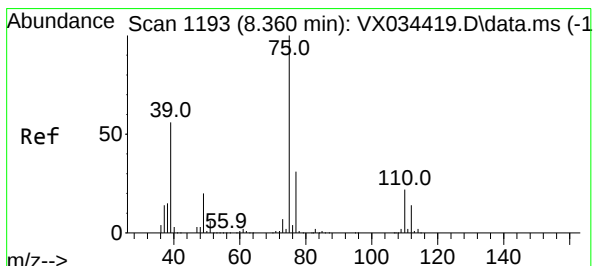
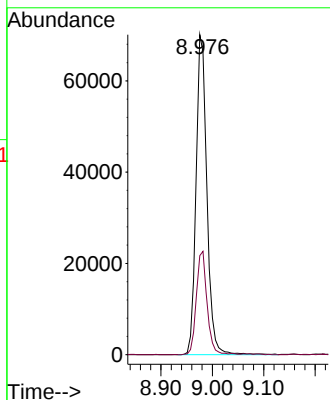
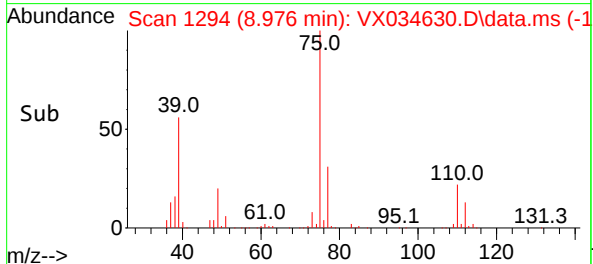
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



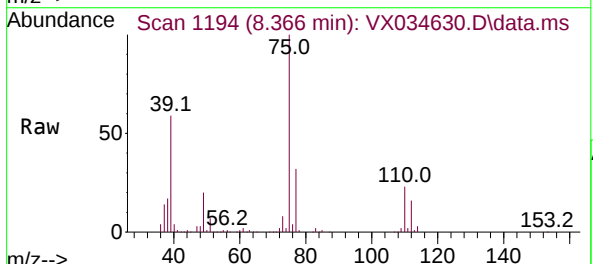
Tgt Ion: 75 Resp: 102904
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

Manual Integrations
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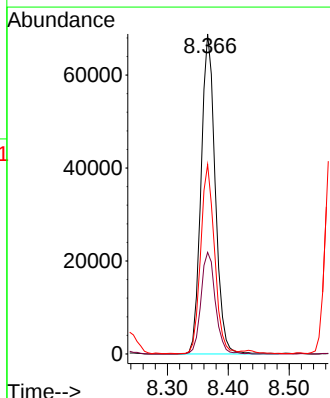
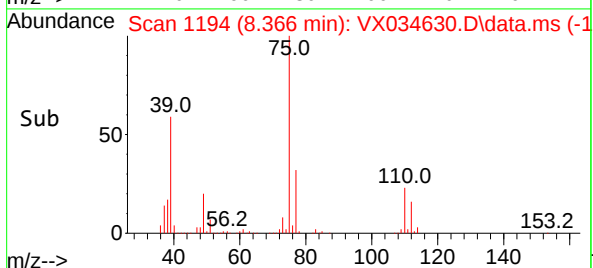
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

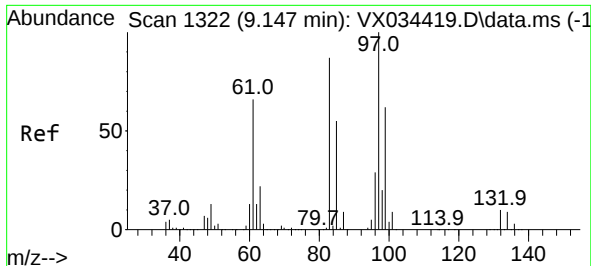


#54
cis-1,3-Dichloropropene
Concen: 21.300 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08



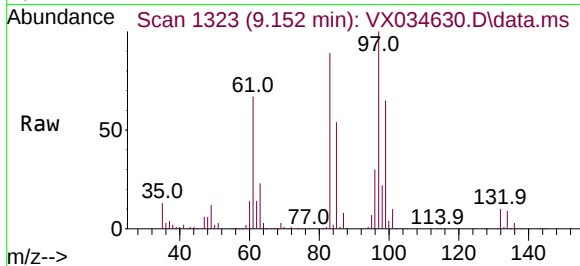
Tgt Ion: 75 Resp: 111323
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4
39 59.1 44.6 66.8





#55
 1,1,2-Trichloroethane
 Concen: 23.132 ug/l
 RT: 9.152 min Scan# 1323
 Delta R.T. 0.006 min
 Lab File: VX034630.D
 Acq: 20 Mar 2023 16:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01

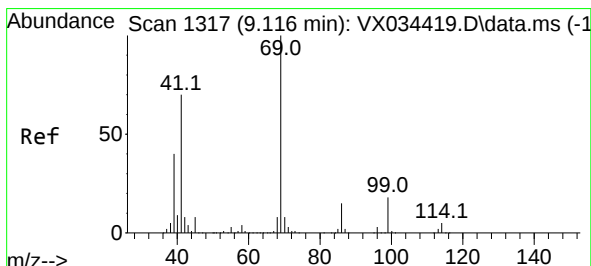
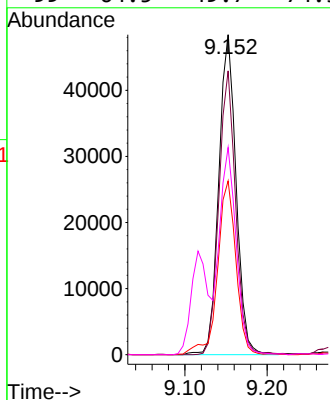
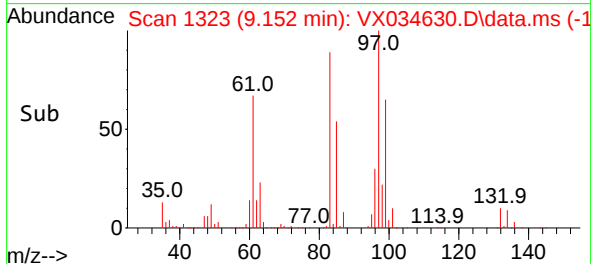


Tgt Ion: 97 Resp: 70939

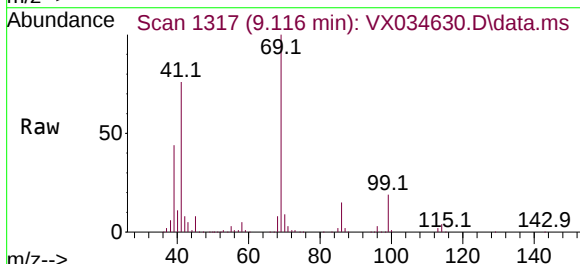
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.7	104.5
85	54.1	43.7	65.5
99	64.5	49.7	74.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023

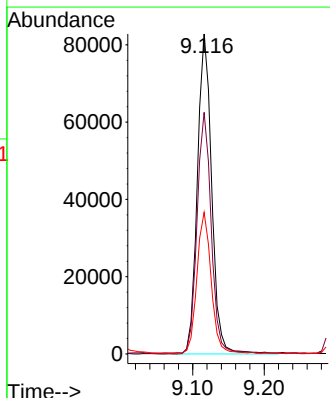
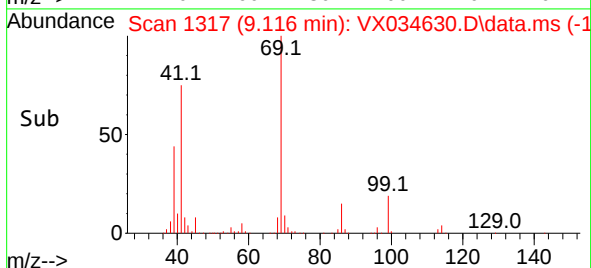


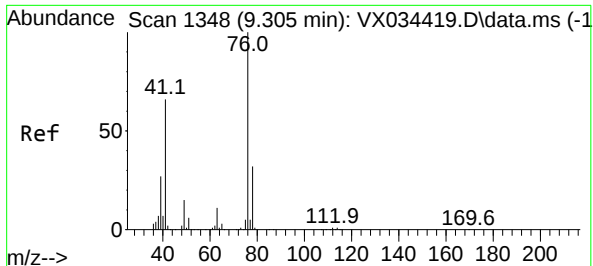
#56
 Ethyl methacrylate
 Concen: 22.895 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX034630.D
 Acq: 20 Mar 2023 16:08



Tgt Ion: 69 Resp: 115280

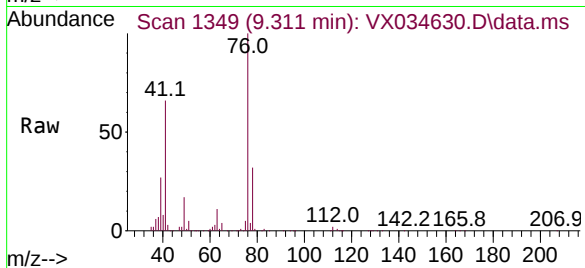
Ion	Ratio	Lower	Upper
69	100		
41	74.9	57.4	86.0
39	43.8	33.7	50.5





#57
1,3-Dichloropropane
Concen: 23.279 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

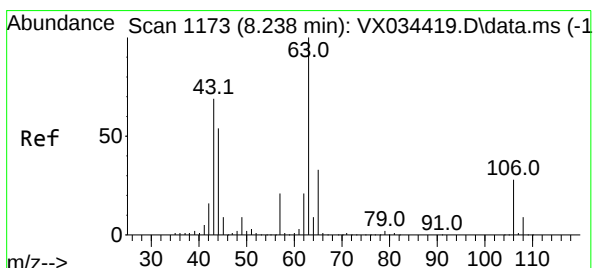
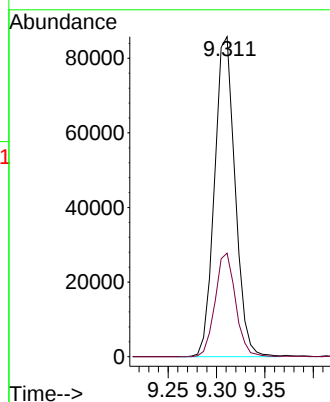
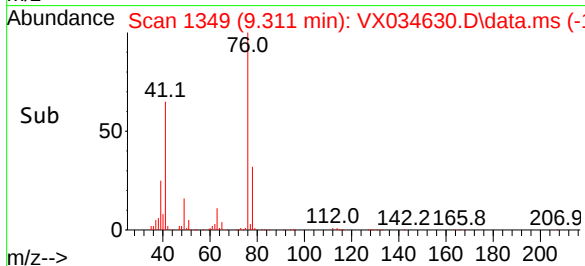
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 76 Resp: 126878
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

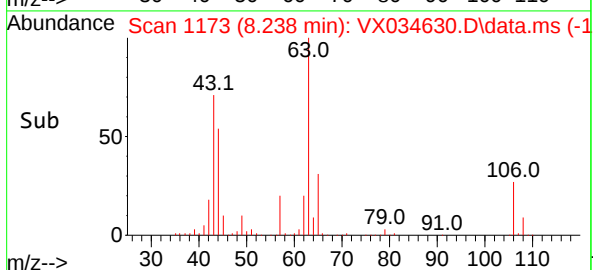
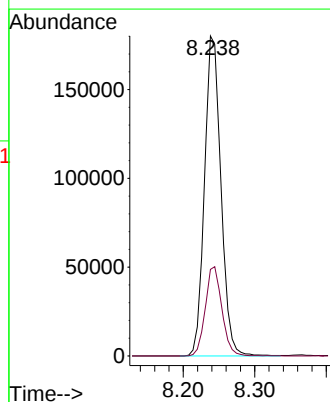
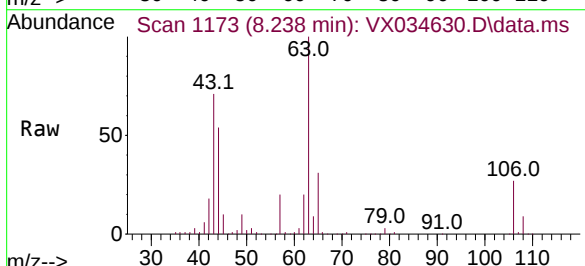
Manual Integrations
APPROVED

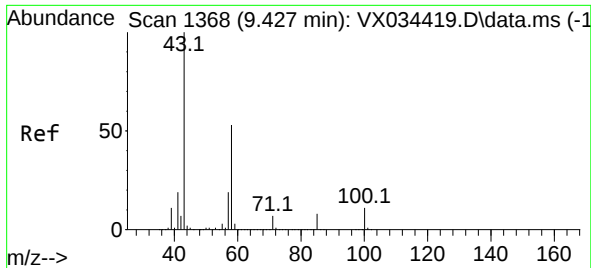
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 110.959 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

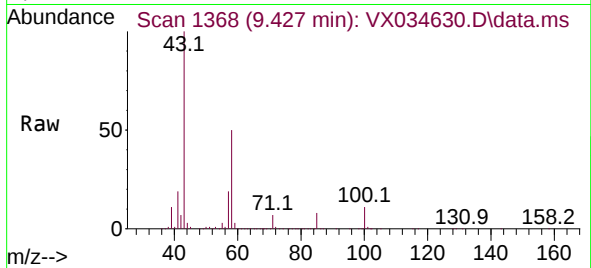
Tgt Ion: 63 Resp: 287924
Ion Ratio Lower Upper
63 100
106 28.2 22.2 33.2





#59
2-Hexanone
Concen: 120.851 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

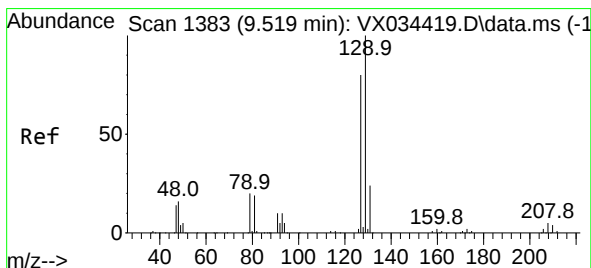
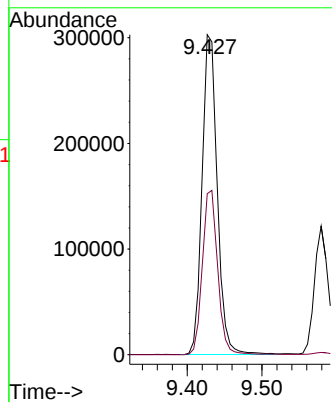
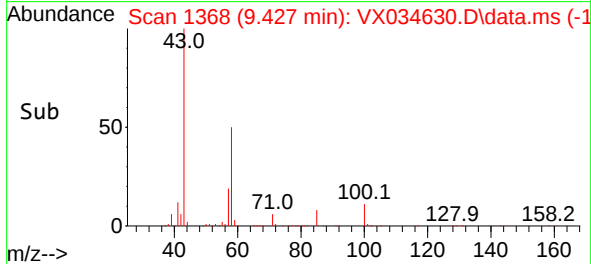
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 43 Resp: 42792
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.9

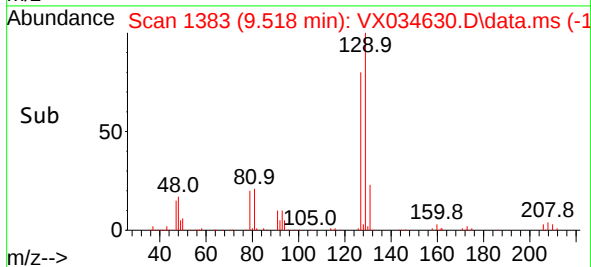
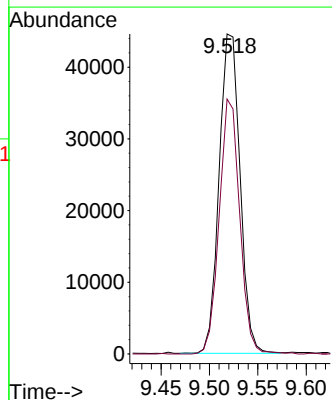
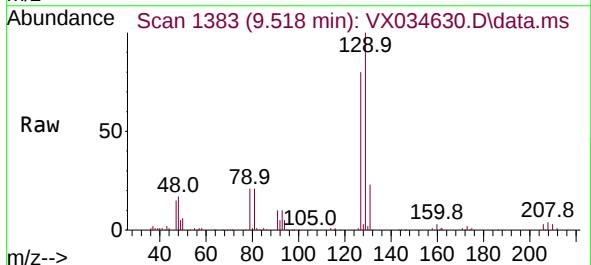
Manual Integrations
APPROVED

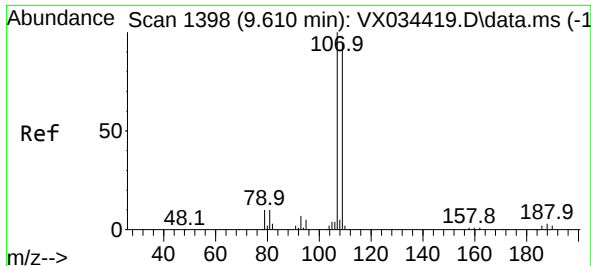
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#60
Dibromochloromethane
Concen: 20.801 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion:129 Resp: 66903
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





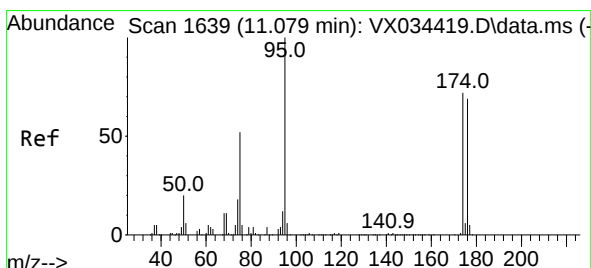
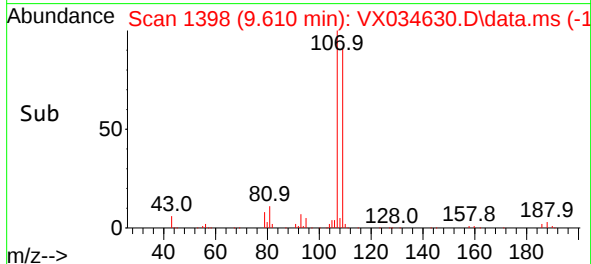
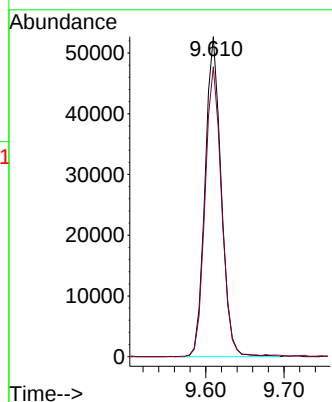
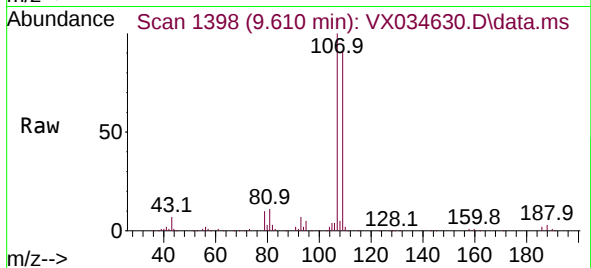
#61
1,2-Dibromoethane
Concen: 22.693 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion:107 Resp: 75090
Ion Ratio Lower Upper
107 100
109 93.0 75.3 112.9

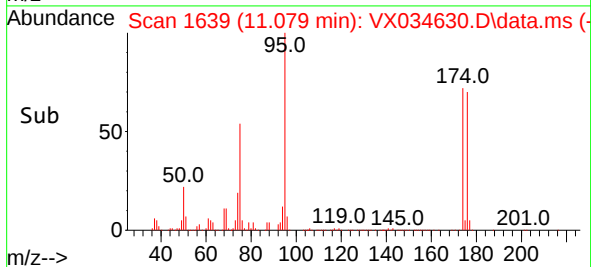
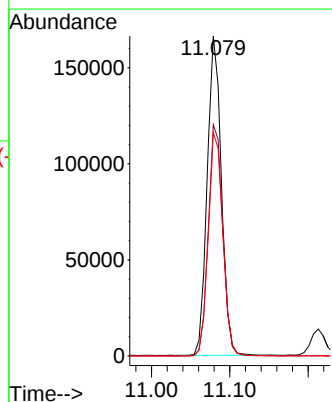
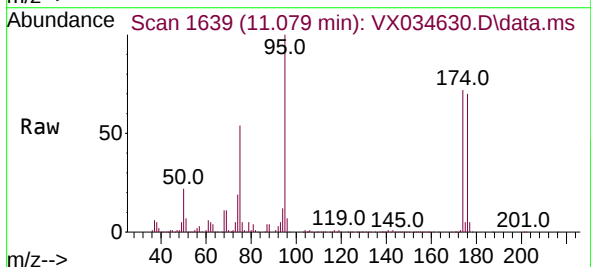
Manual Integrations
APPROVED

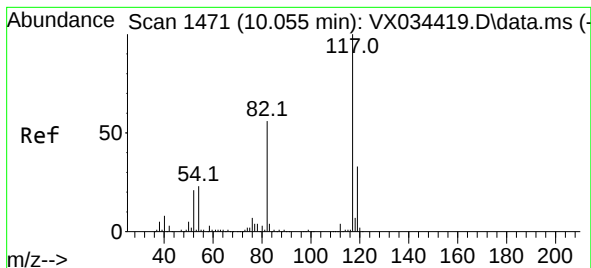
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#62
4-Bromofluorobenzene
Concen: 49.685 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

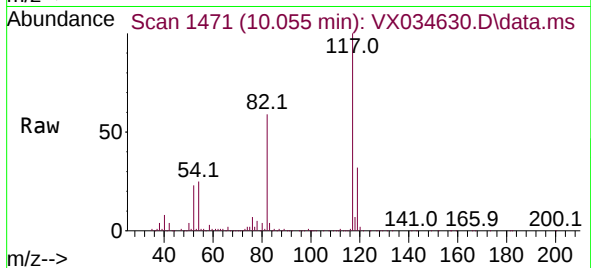
Tgt Ion: 95 Resp: 208108
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 71.9 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

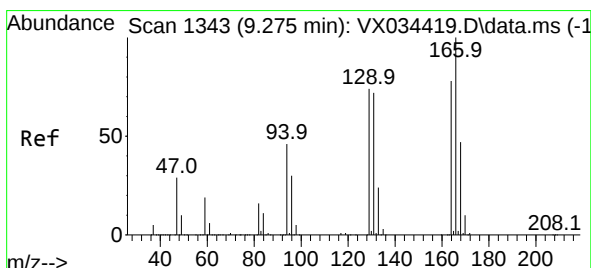
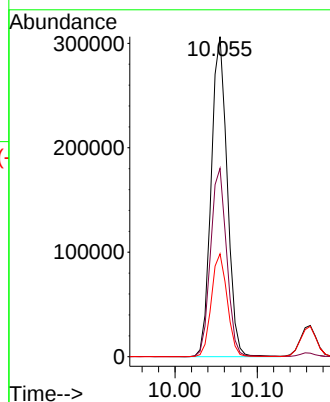
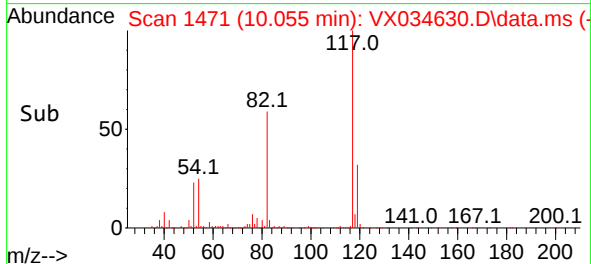
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:117 Resp: 41513
Ion Ratio Lower Upper
117 100
82 58.8 45.0 67.4
119 32.1 26.0 39.0

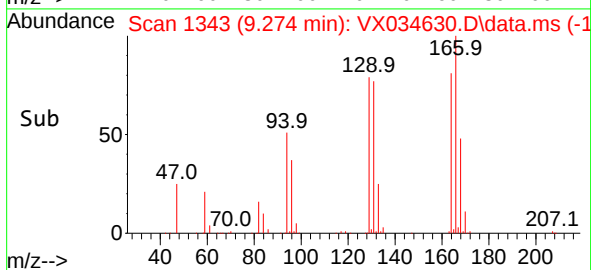
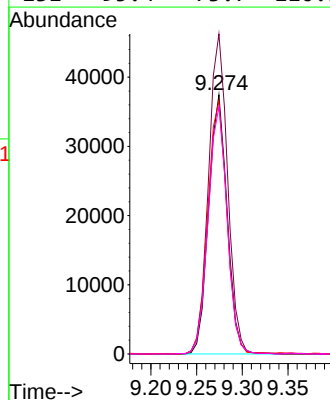
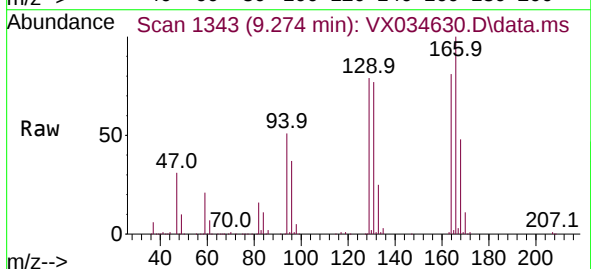
Manual Integrations
APPROVED

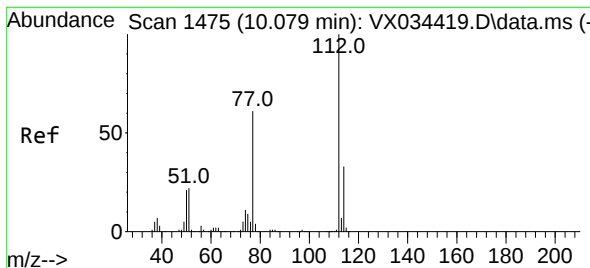
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#64
Tetrachloroethene
Concen: 18.879 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

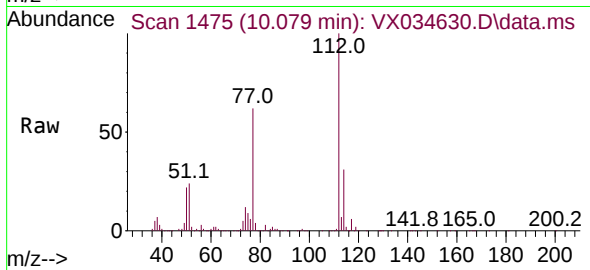
Tgt Ion:164 Resp: 52647
Ion Ratio Lower Upper
164 100
166 123.5 102.7 154.1
129 97.7 75.6 113.4
131 95.4 73.7 110.5





#65
Chlorobenzene
Concen: 19.876 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

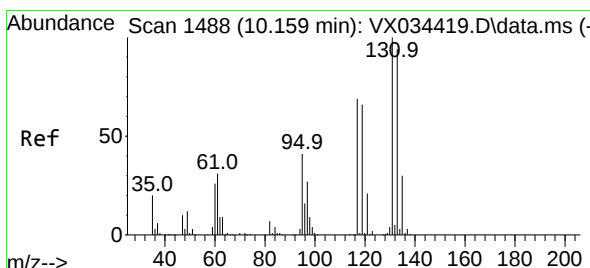
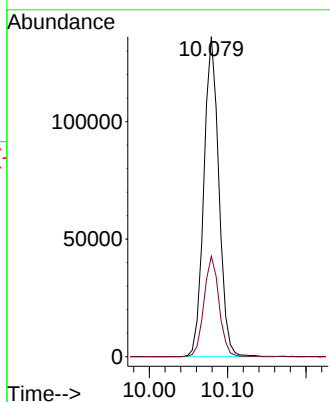
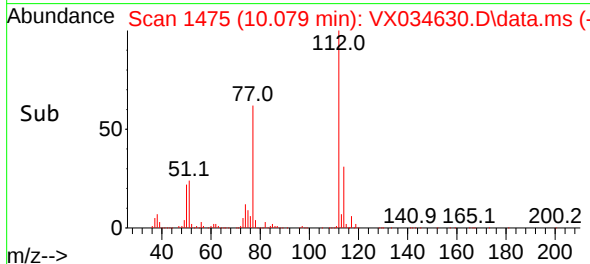
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:112 Resp: 181040
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

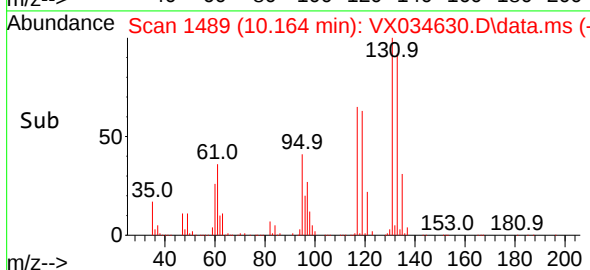
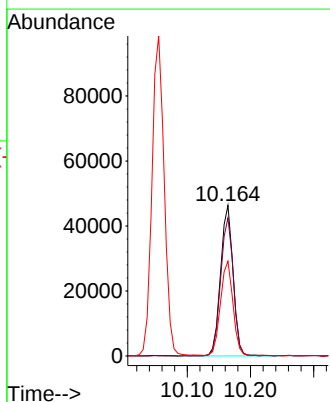
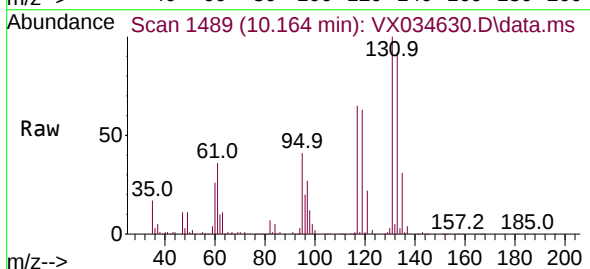
Manual Integrations
APPROVED

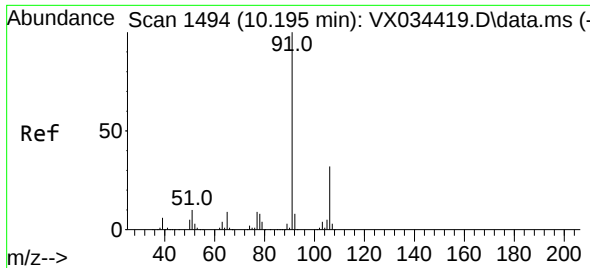
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.165 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

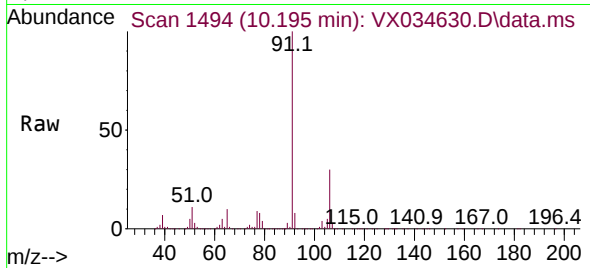
Tgt Ion:131 Resp: 63576
Ion Ratio Lower Upper
131 100
133 92.5 47.1 141.4
119 62.1 32.6 98.0





#67
Ethyl Benzene
Concen: 19.008 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

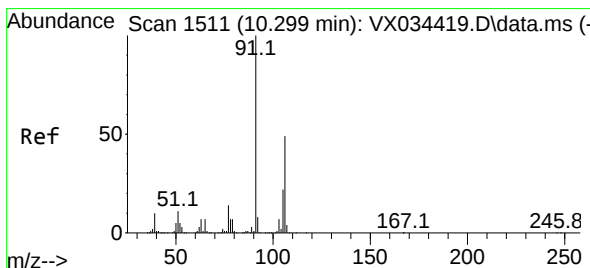
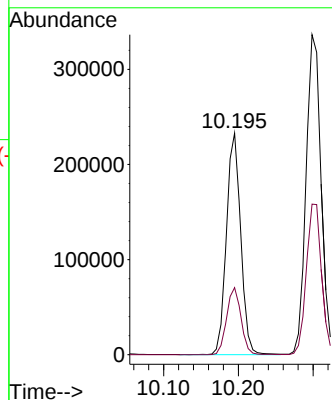
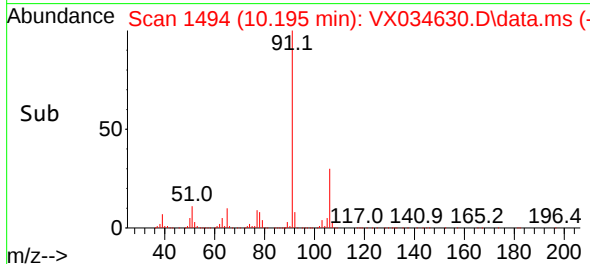
Instrument : MSVOA_X
ClientSampleId : VX0320WBSD01



Tgt Ion: 91 Resp: 309949
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

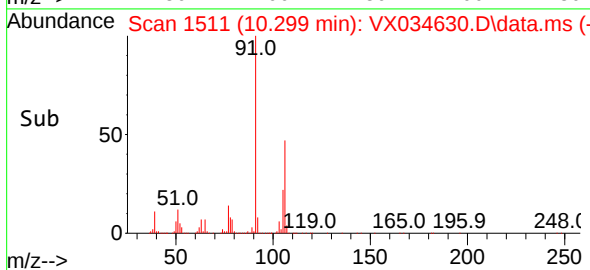
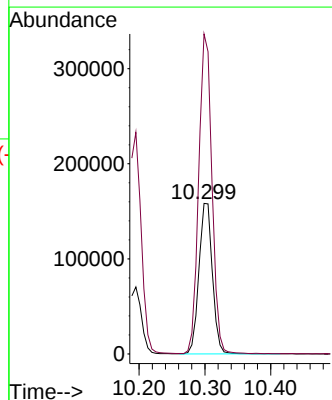
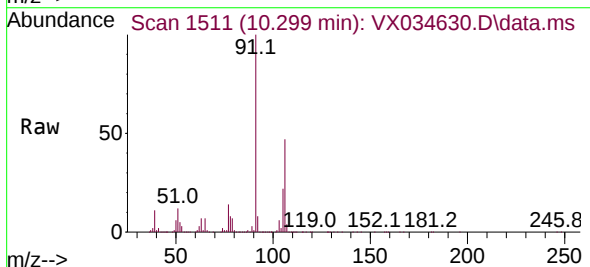
Manual Integrations
APPROVED

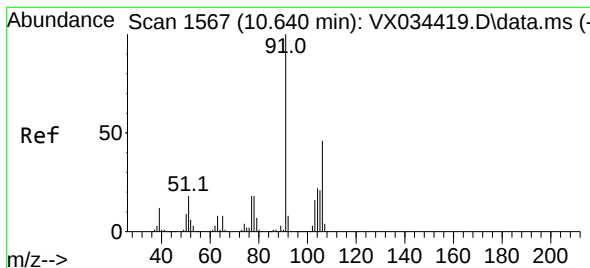
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#68
m/p-Xylenes
Concen: 35.796 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion:106 Resp: 224222
Ion Ratio Lower Upper
106 100
91 208.6 164.0 246.0





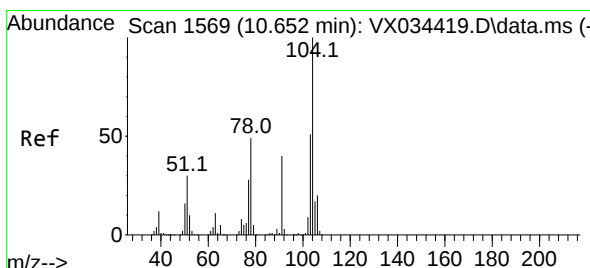
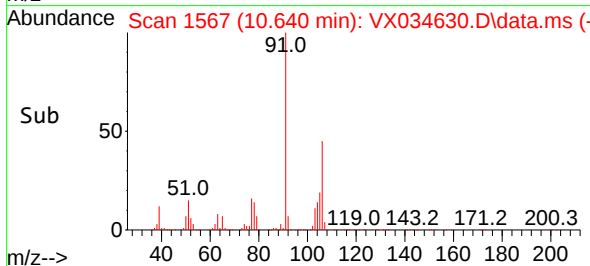
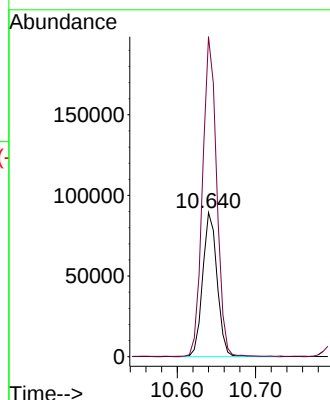
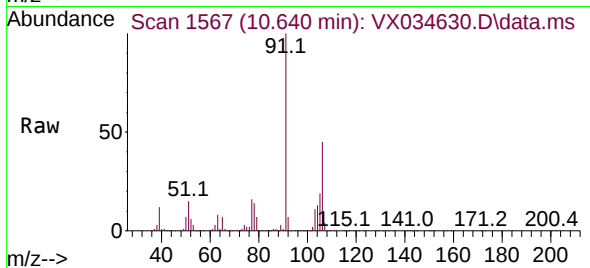
#69
o-Xylene
Concen: 18.201 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion:106 Resp: 114414
Ion Ratio Lower Upper
106 100
91 217.4 108.5 325.3

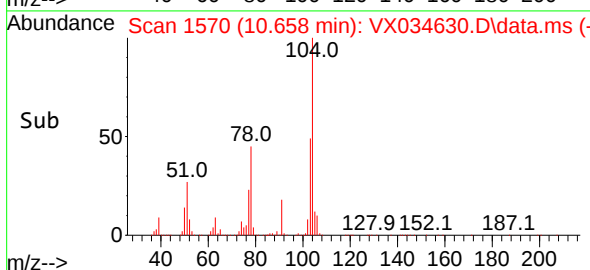
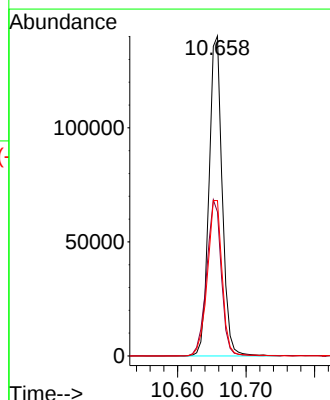
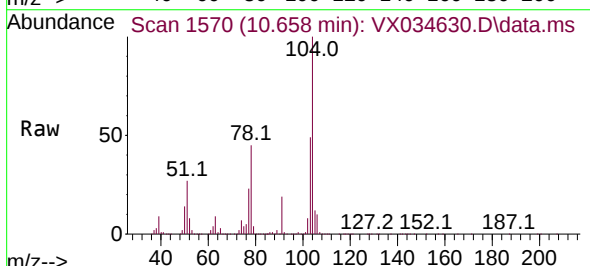
Manual Integrations
APPROVED

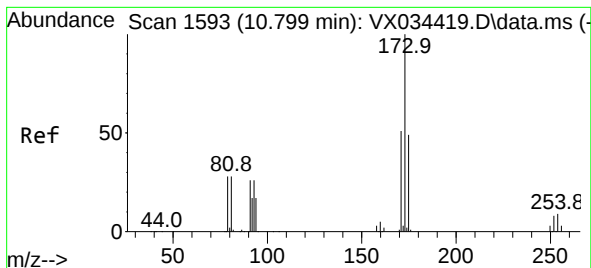
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#70
Styrene
Concen: 18.609 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

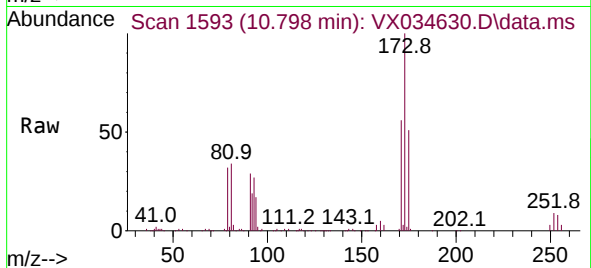
Tgt Ion:104 Resp: 188727
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.2
103 54.1 44.2 66.2





#71
Bromoform
Concen: 15.478 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

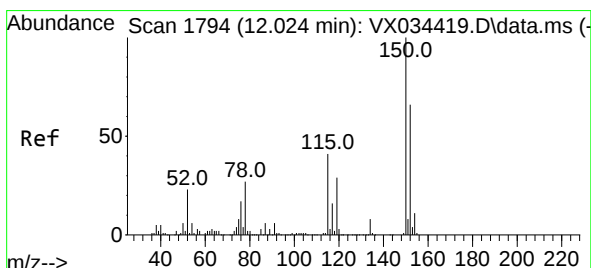
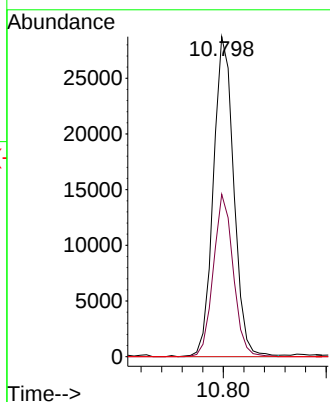
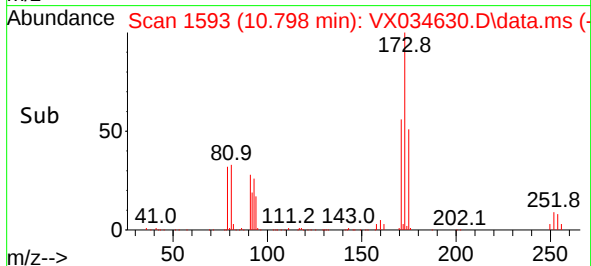
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:173 Resp: 3952
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.0 0.1 0.1

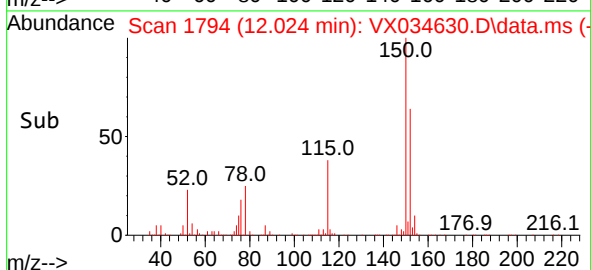
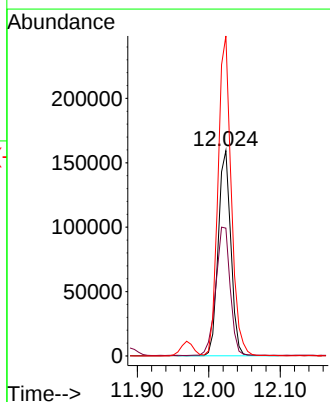
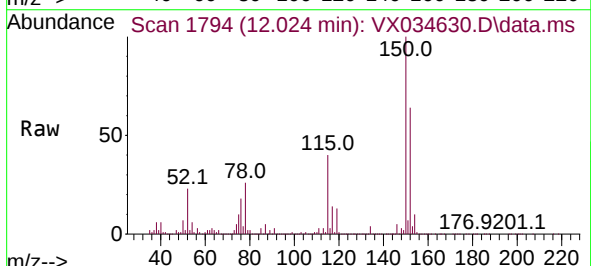
Manual Integrations
APPROVED

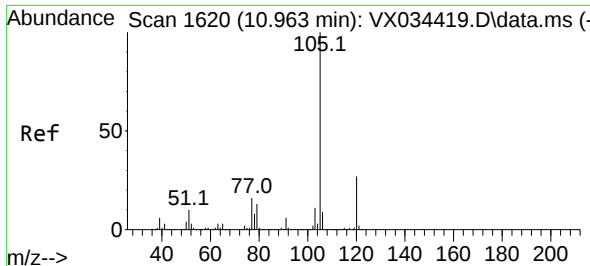
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

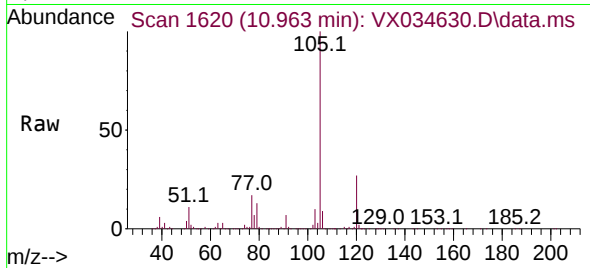
Tgt Ion:152 Resp: 195590
Ion Ratio Lower Upper
152 100
115 71.1 45.0 135.0
150 163.1 0.0 352.4





#73
Isopropylbenzene
Concen: 18.714 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

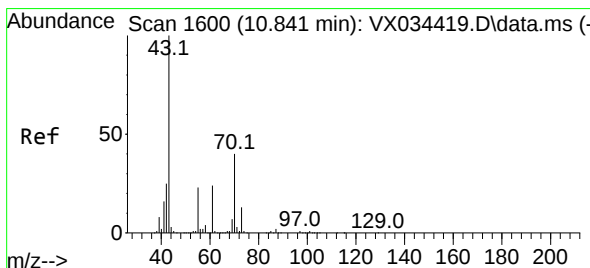
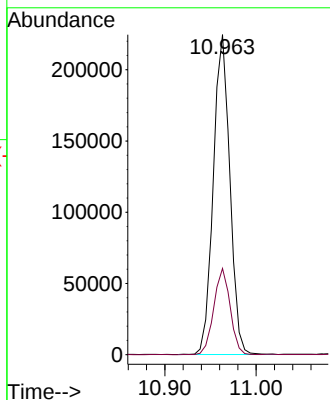
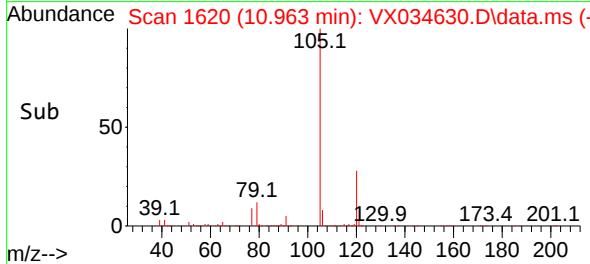
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:105 Resp: 282898
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

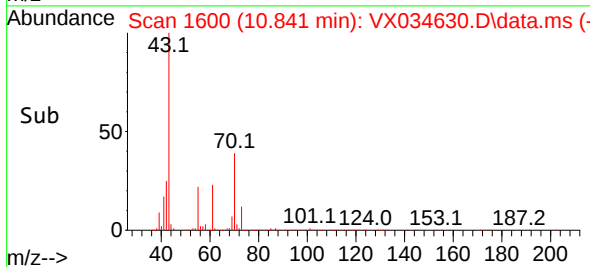
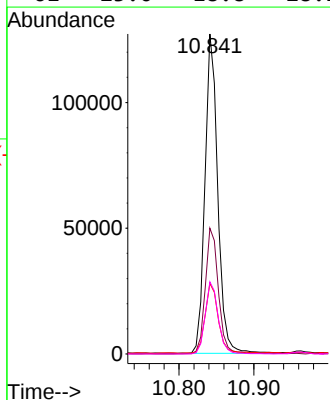
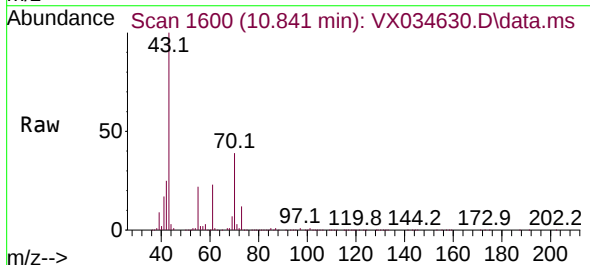
Manual Integrations
APPROVED

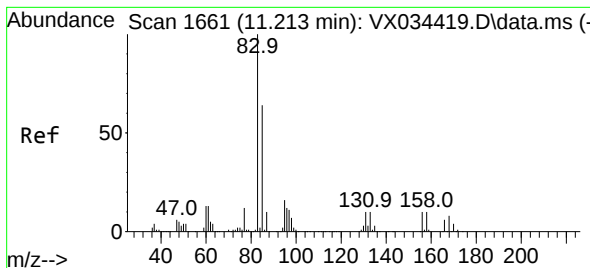
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#74
N-ethyl acetate
Concen: 20.816 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 43 Resp: 150715
Ion Ratio Lower Upper
43 100
70 40.9 32.1 48.1
55 22.4 18.3 27.5
61 23.0 18.8 28.2





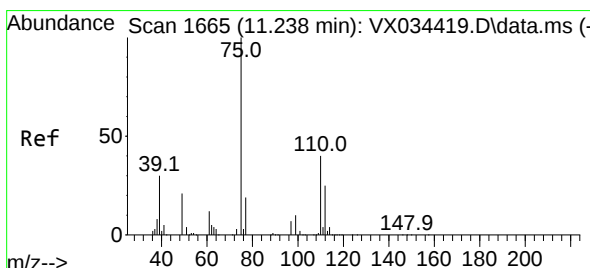
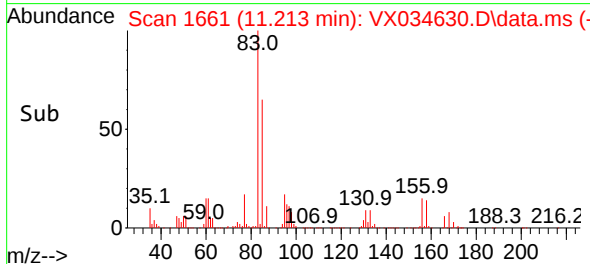
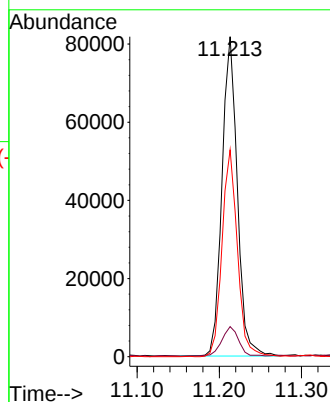
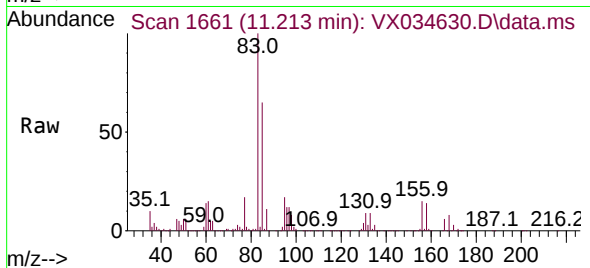
#75
1,1,2,2-Tetrachloroethane
Concen: 21.033 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 83 Resp: 10609
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.3
85 65.0 32.0 96.0

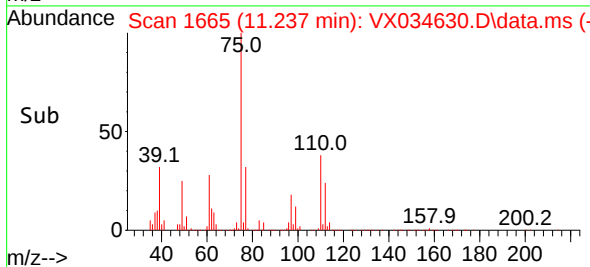
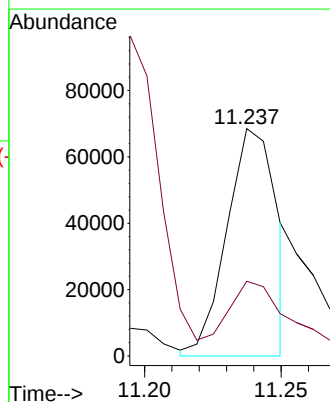
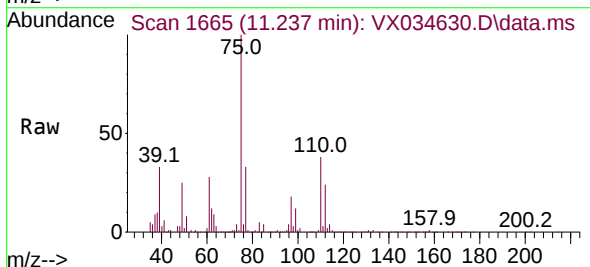
Manual Integrations
APPROVED

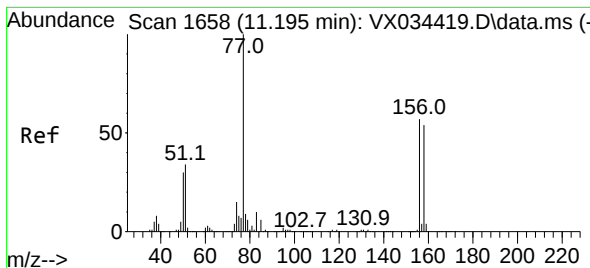
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#76
1,2,3-Trichloropropane
Concen: 19.323 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 75 Resp: 86781
Ion Ratio Lower Upper
75 100
77 42.5 21.6 64.8





#77

Bromobenzene

Concen: 19.846 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

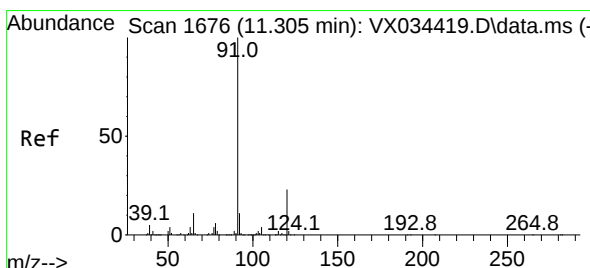
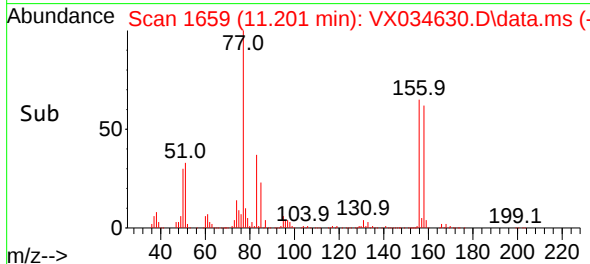
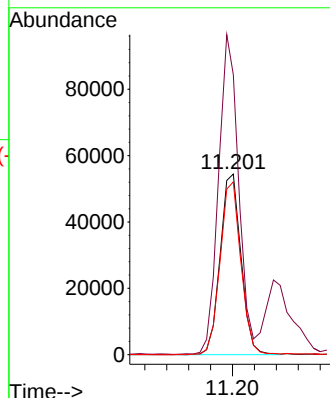
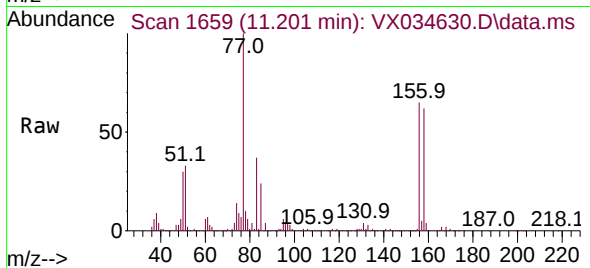
Tgt Ion:	156	Resp:	7197
Ion Ratio	Lower	Upper	
156	100		
77	169.7	86.7	259.9
158	95.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#78

n-propylbenzene

Concen: 19.197 ug/l

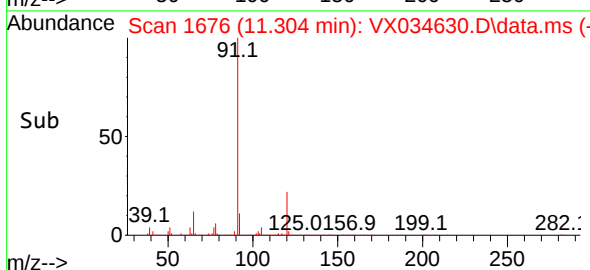
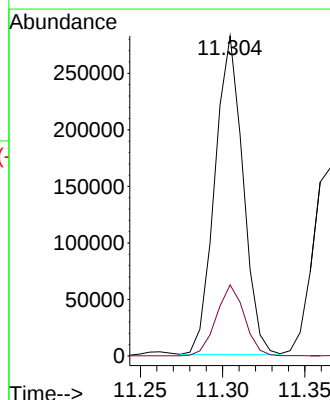
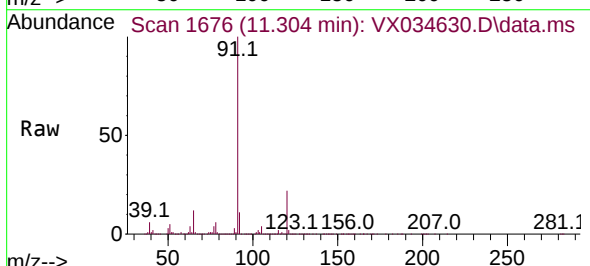
RT: 11.304 min Scan# 1676

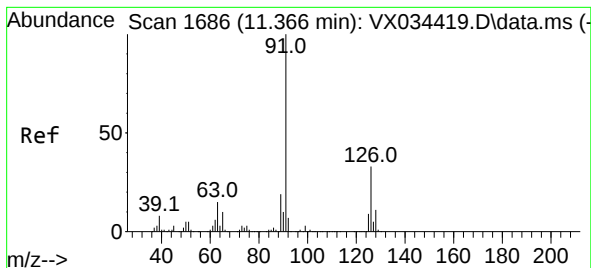
Delta R.T. -0.000 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Tgt Ion:	91	Resp:	335148
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.5





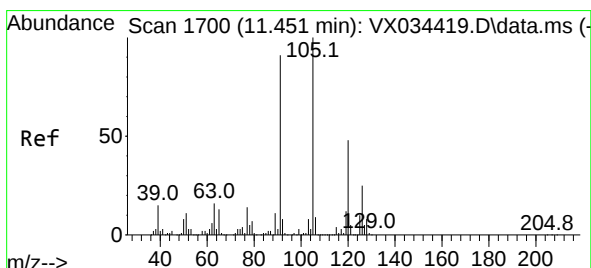
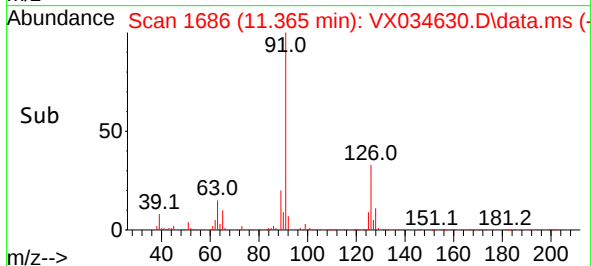
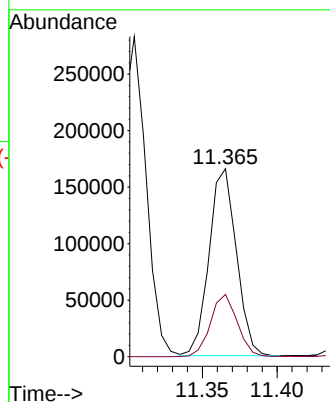
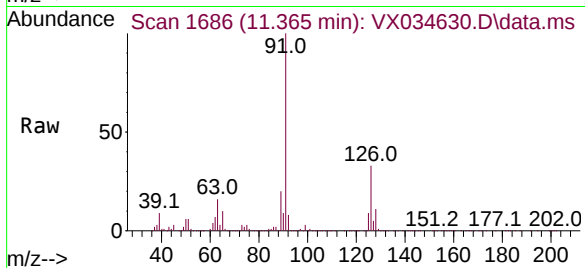
#79
2-Chlorotoluene
Concen: 19.509 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion: 91 Resp: 210352
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9

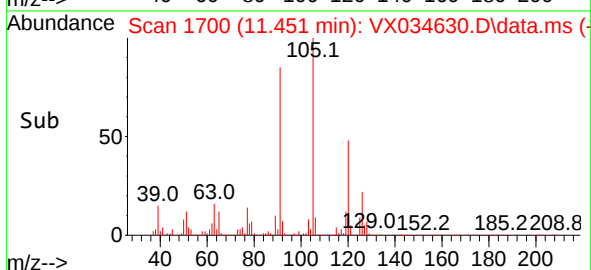
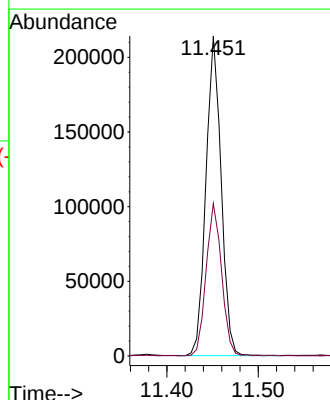
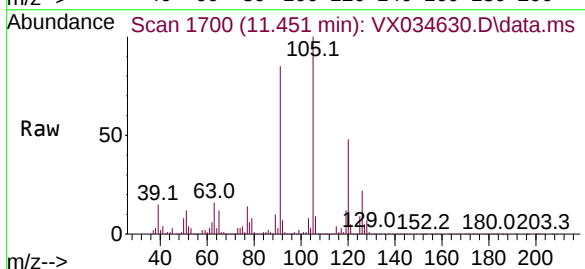
Manual Integrations
APPROVED

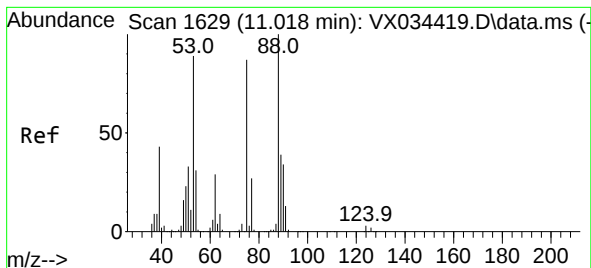
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.435 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

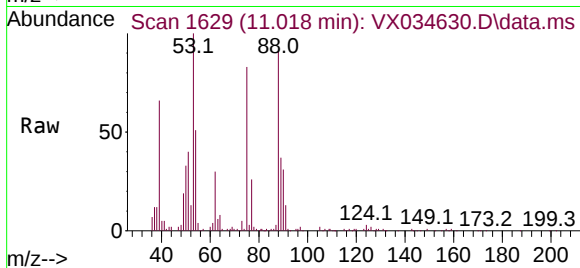
Tgt Ion:105 Resp: 246427
Ion Ratio Lower Upper
105 100
120 48.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 15.563 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

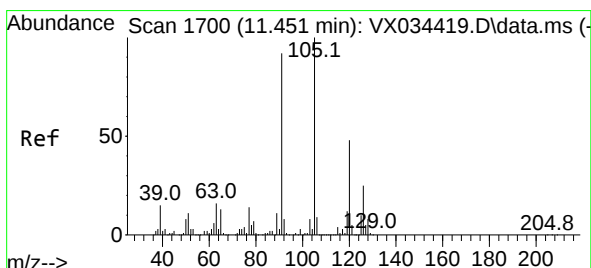
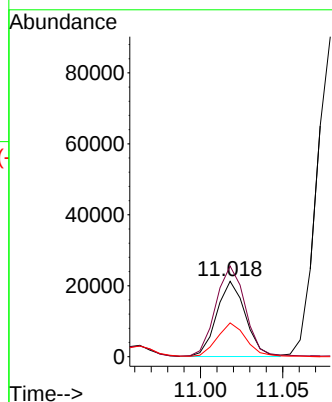
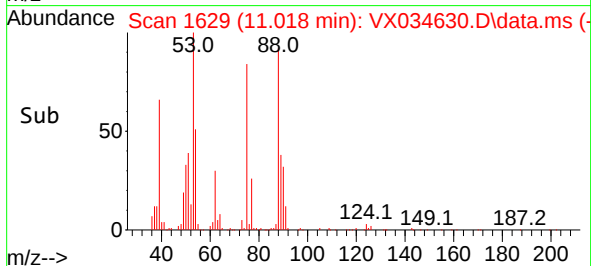
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 75 Resp: 25835
Ion Ratio Lower Upper
75 100
53 122.9 82.6 124.0
89 45.6 36.9 55.3

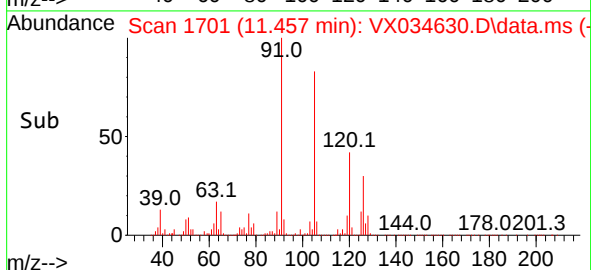
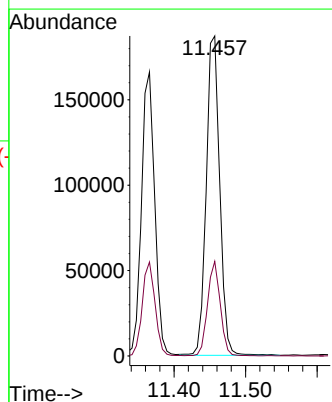
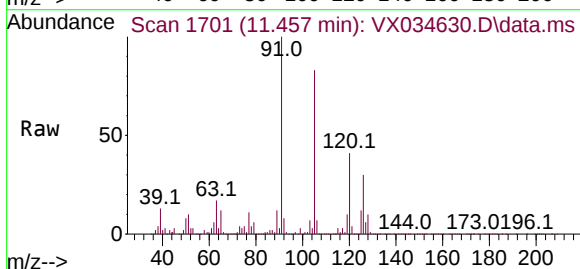
Manual Integrations
APPROVED

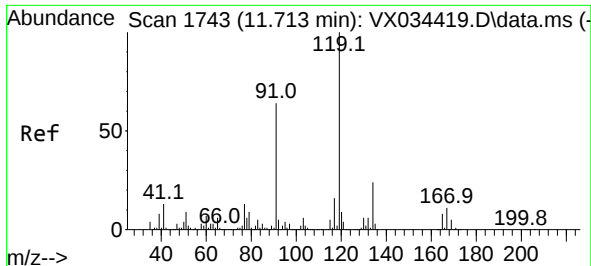
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#82
4-Chlorotoluene
Concen: 19.747 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 91 Resp: 245251
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6





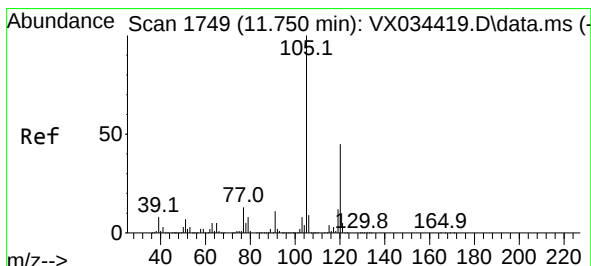
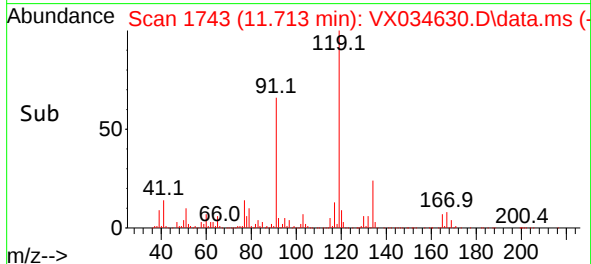
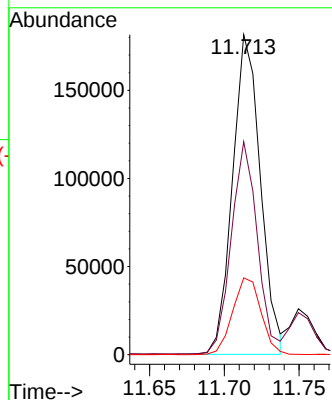
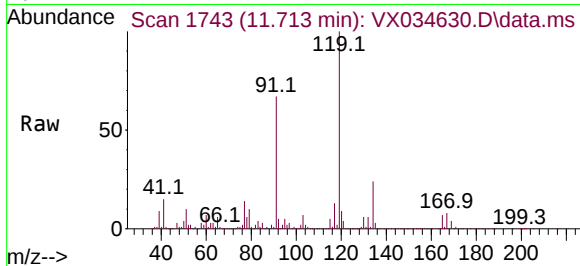
#83
tert-Butylbenzene
Concen: 18.395 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01

Tgt Ion:119 Resp: 235160
Ion Ratio Lower Upper
119 100
91 62.2 30.6 92.0
134 24.6 11.8 35.4

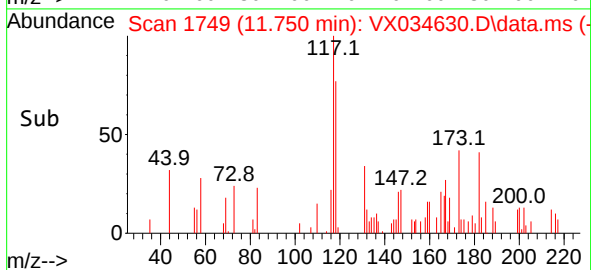
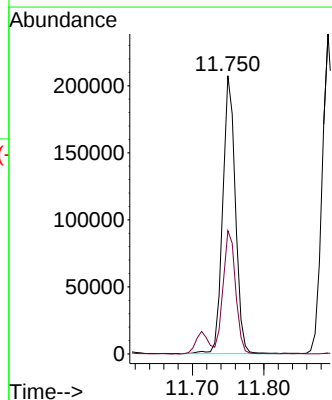
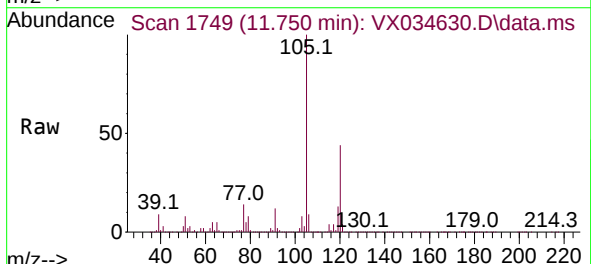
Manual Integrations
APPROVED

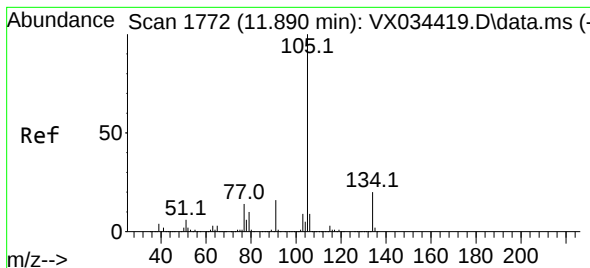
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.633 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

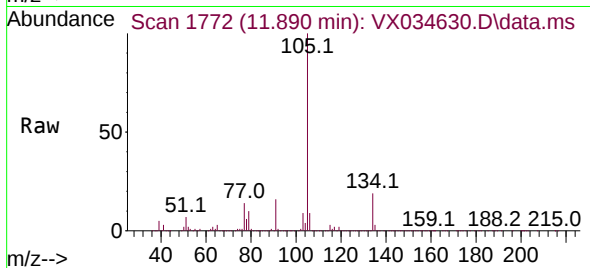
Tgt Ion:105 Resp: 254410
Ion Ratio Lower Upper
105 100
120 43.7 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 18.327 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034630.D
 Acq: 20 Mar 2023 16:08

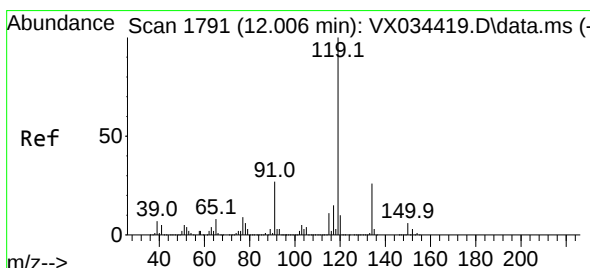
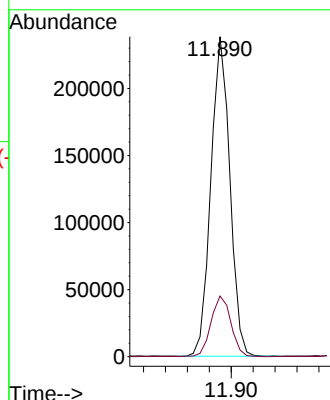
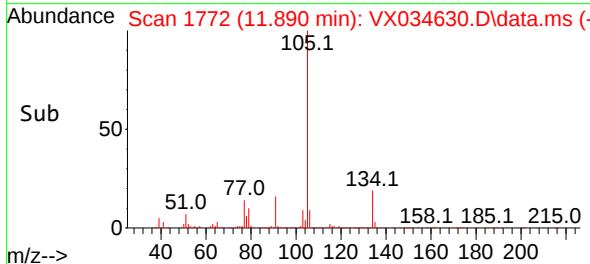
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBSD01



Tgt Ion:105 Resp: 286429
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

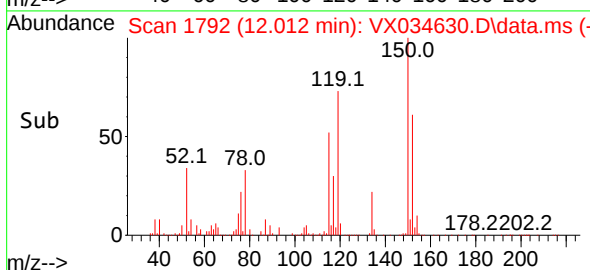
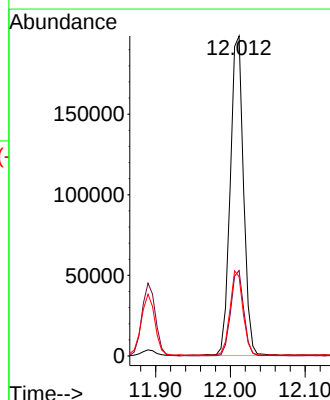
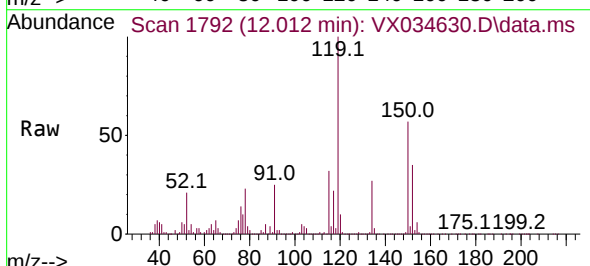
Manual Integrations
 APPROVED

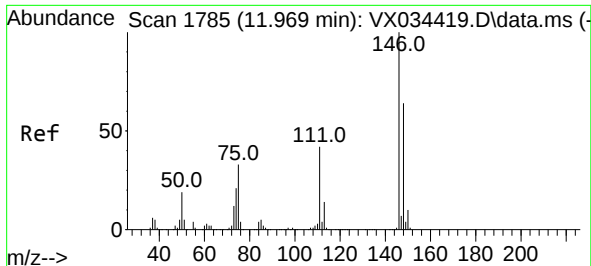
Reviewed By :John Carlone 03/21/2023
 Supervised By :Mahesh Dadoda 03/21/2023



#86
 p-Isopropyltoluene
 Concen: 18.671 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX034630.D
 Acq: 20 Mar 2023 16:08

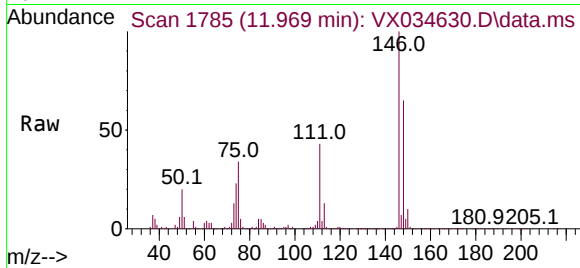
Tgt Ion:119 Resp: 245255
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 25.8 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 18.537 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

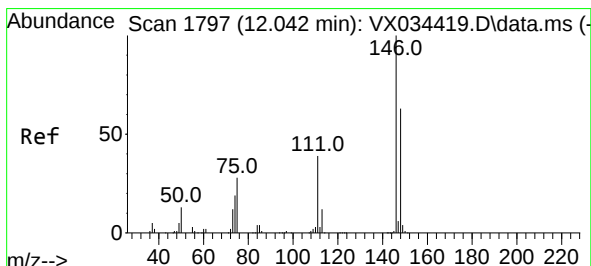
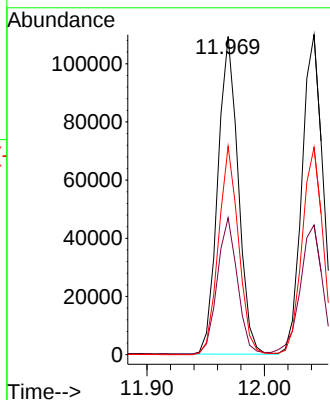
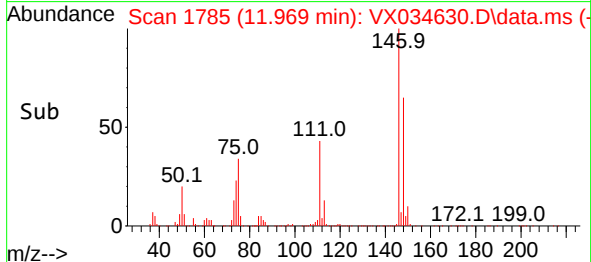
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



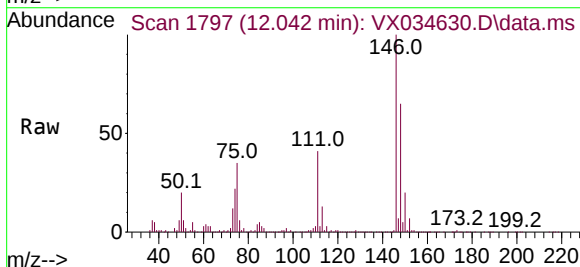
Tgt Ion:146 Resp: 131729
Ion Ratio Lower Upper
146 100
111 42.6 20.9 62.8
148 64.5 31.6 95.0

Manual Integrations
APPROVED

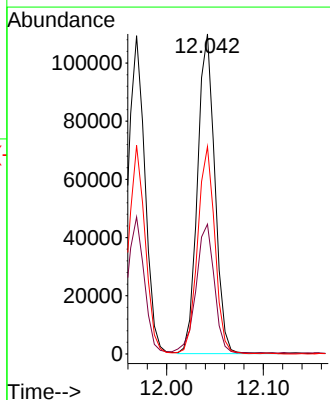
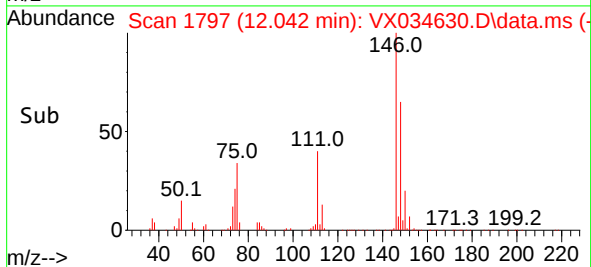
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023

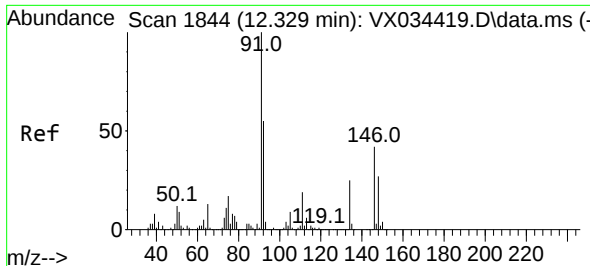


#88
1,4-Dichlorobenzene
Concen: 19.068 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08



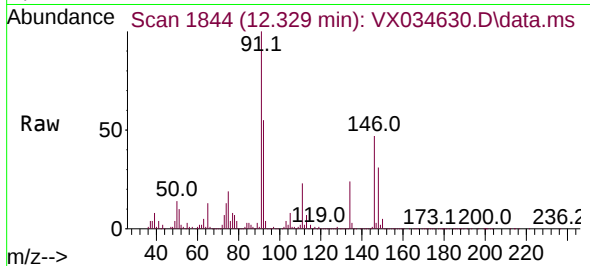
Tgt Ion:146 Resp: 137015
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.9
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 18.441 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

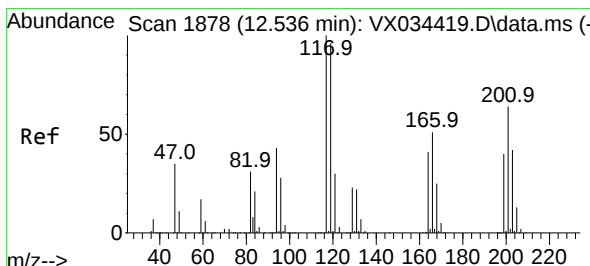
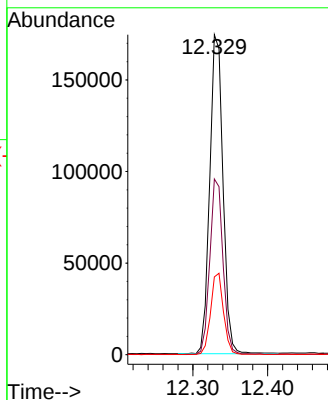
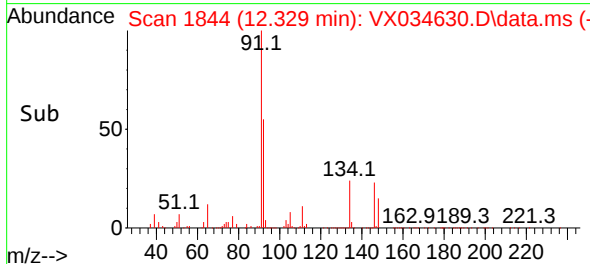
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion: 91 Resp: 21533
Ion Ratio Lower Upper
91 100
92 54.9 27.7 83.0
134 24.8 13.0 38.9

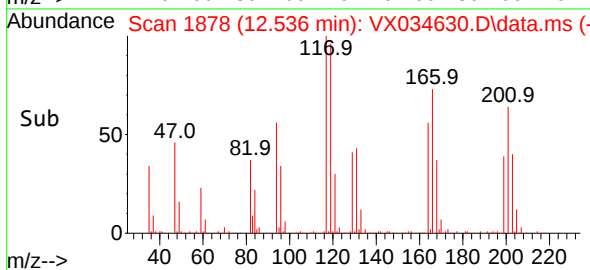
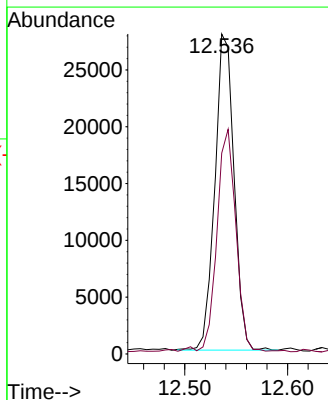
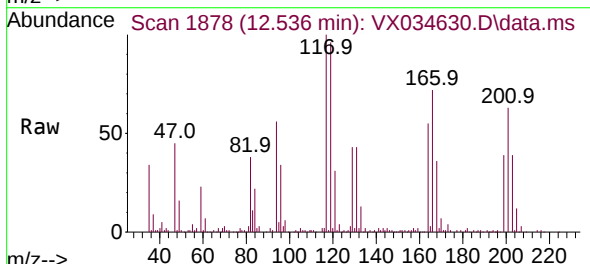
Manual Integrations
APPROVED

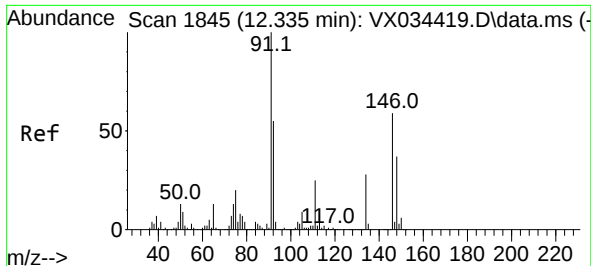
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#90
Hexachloroethane
Concen: 14.813 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

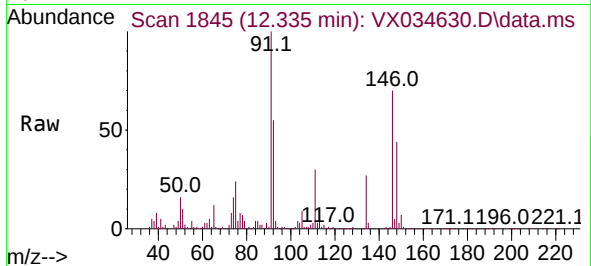
Tgt Ion:117 Resp: 36003
Ion Ratio Lower Upper
117 100
201 70.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 20.232 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

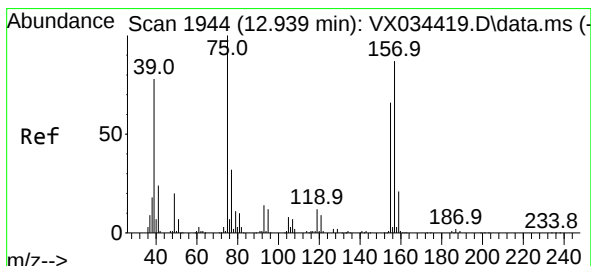
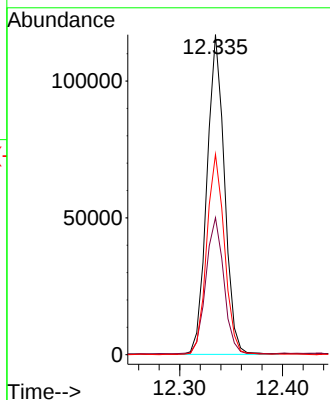
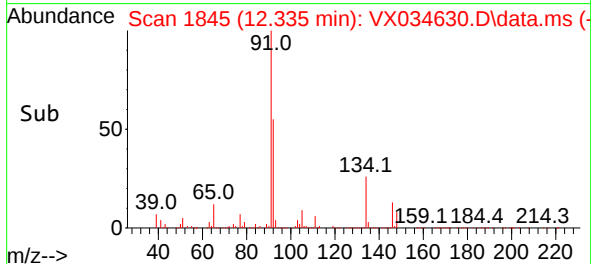
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:146 Resp: 13894
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 63.7 32.0 96.0

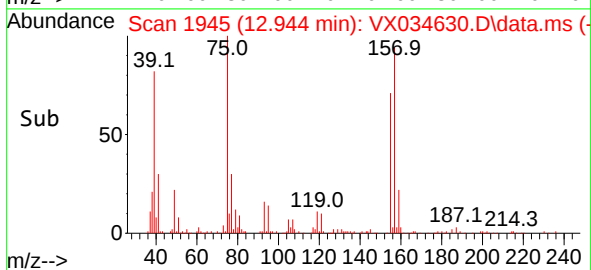
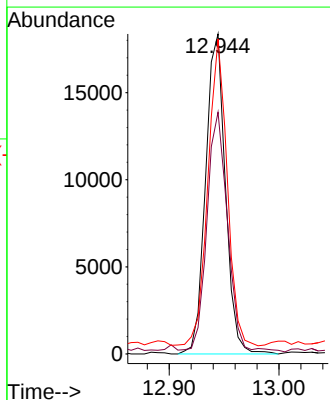
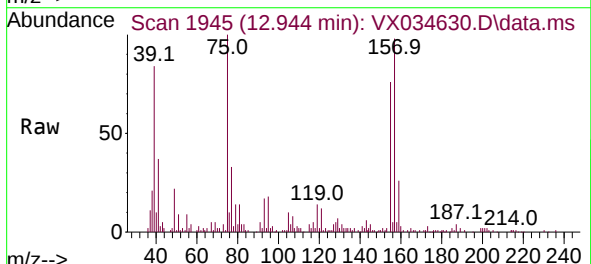
Manual Integrations
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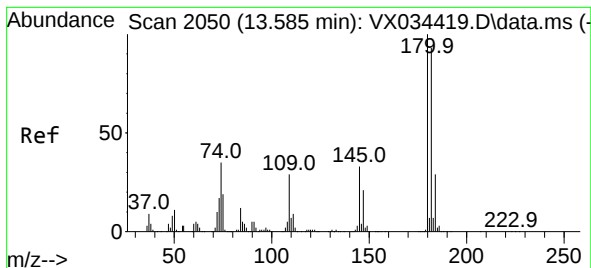
Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.064 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion: 75 Resp: 22995
Ion Ratio Lower Upper
75 100
155 78.2 38.4 115.1
157 93.2 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.974 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBSD01

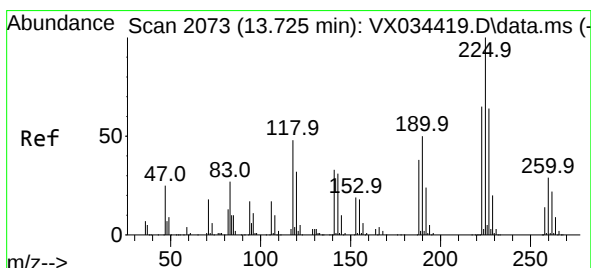
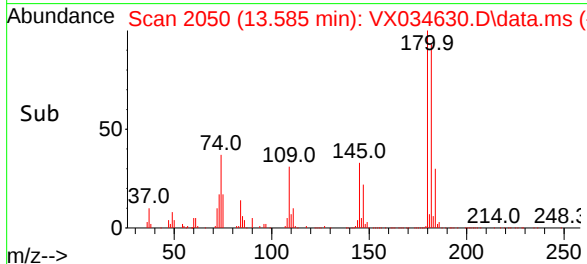
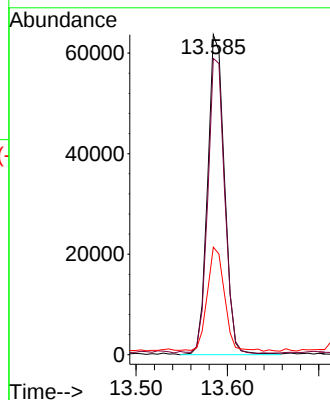
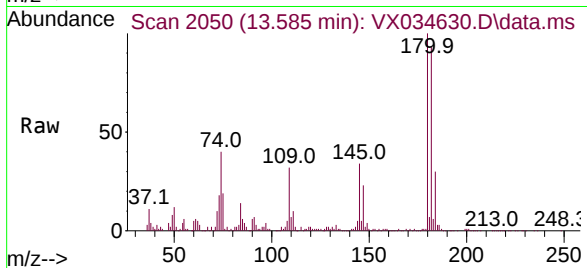
Tgt Ion:180 Resp: 8148
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.0 141.0
 145 33.5 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2023

Supervised By :Mahesh Dadoda 03/21/2023



#94

Hexachlorobutadiene

Concen: 17.722 ug/l

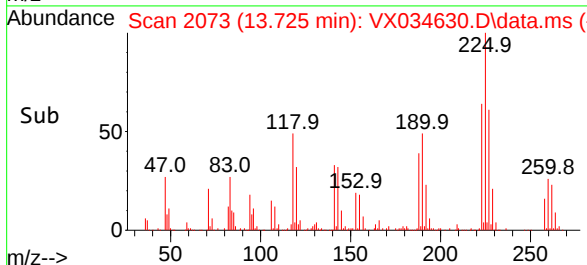
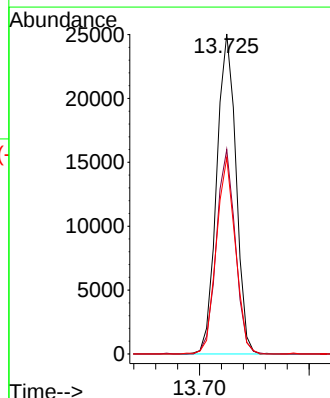
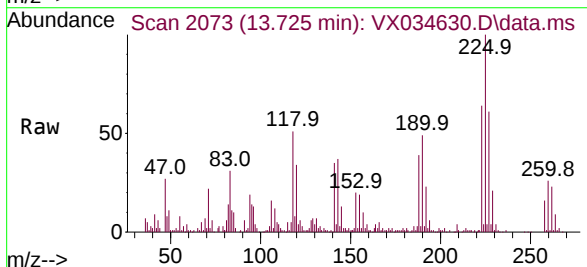
RT: 13.725 min Scan# 2073

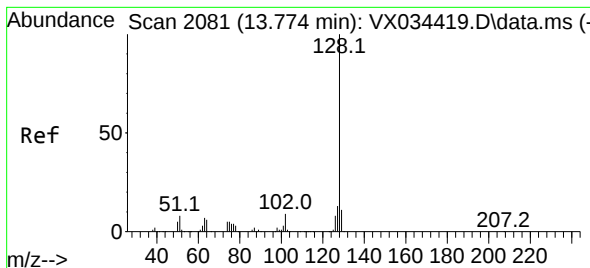
Delta R.T. -0.000 min

Lab File: VX034630.D

Acq: 20 Mar 2023 16:08

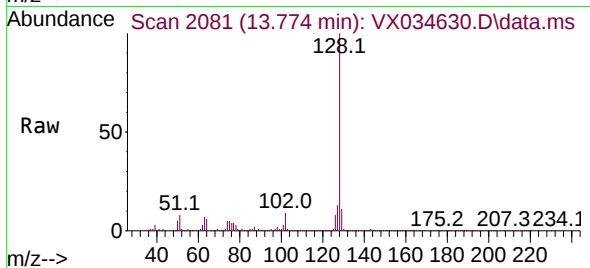
Tgt Ion:225 Resp: 30661
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.5
 227 60.5 31.8 95.4





#95
Naphthalene
Concen: 21.838 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

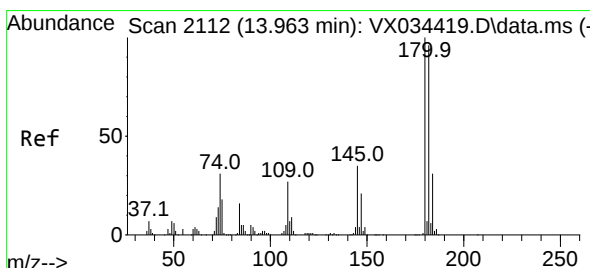
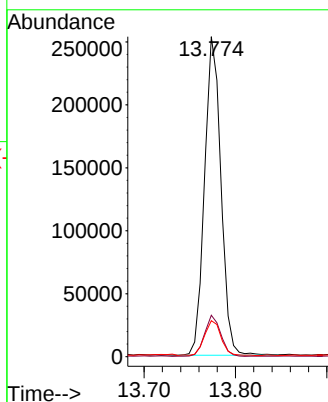
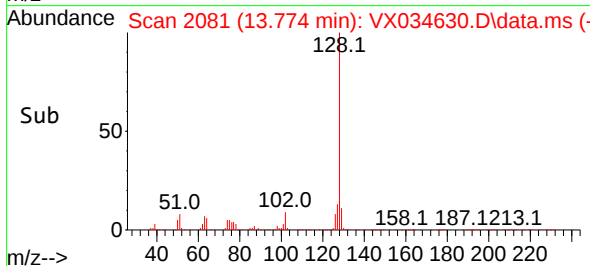
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBSD01



Tgt Ion:128 Resp: 314494
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2023
Supervised By :Mahesh Dadoda 03/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.721 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034630.D
Acq: 20 Mar 2023 16:08

Tgt Ion:180 Resp: 82787
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.2
145 36.3 17.7 53.1

