

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035334.D
 Acq On : 27 Apr 2023 12:29
 Operator : JC/MD
 Sample : VX0427MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS02

Quant Time: Apr 28 05:03:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/28/2023
 Supervised By : Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	250697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	146026	48.281	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.560%		
35) Dibromofluoromethane	5.385	113	120215	49.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	8.647	98	453827	49.573	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.140%		
62) 4-Bromofluorobenzene	11.079	95	172238	50.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58326	21.988	ug/l	97
3) Chloromethane	1.294	50	49316	20.436	ug/l	99
4) Vinyl Chloride	1.374	62	49801	20.576	ug/l	97
5) Bromomethane	1.618	94	35911	22.324	ug/l	92
6) Chloroethane	1.691	64	30004	21.196	ug/l	99
7) Trichlorofluoromethane	1.892	101	78046	20.620	ug/l	100
8) Diethyl Ether	2.130	74	28590	20.717	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	52567	20.794	ug/l	94
10) Methyl Iodide	2.453	142	67708	21.222	ug/l	98
11) Tert butyl alcohol	3.014	59	59066	107.256	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	49364	20.274	ug/l	99
13) Acrolein	2.239	56	52009	96.032	ug/l	96
14) Allyl chloride	2.666	41	86118	20.098	ug/l	99
15) Acrylonitrile	3.069	53	145536	105.663	ug/l	99
16) Acetone	2.398	43	128734	98.001	ug/l	100
17) Carbon Disulfide	2.514	76	106251	18.203	ug/l	100
18) Methyl Acetate	2.709	43	108534	21.366	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	180150	21.566	ug/l	97
20) Methylene Chloride	2.788	84	58508	19.425	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	54575	20.637	ug/l	96
22) Diisopropyl ether	3.757	45	180782	21.320	ug/l	98
23) Vinyl Acetate	3.721	43	623745	107.017	ug/l	100
24) 1,1-Dichloroethane	3.611	63	99873	20.911	ug/l	100
25) 2-Butanone	4.568	43	200646	104.649	ug/l	97
26) 2,2-Dichloropropane	4.477	77	77527	20.719	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	64146	20.636	ug/l	95
28) Bromochloromethane	4.897	49	35734	17.556	ug/l	88
29) Tetrahydrofuran	5.013	42	126028	102.537	ug/l	94
30) Chloroform	5.093	83	101987	21.152	ug/l	100
31) Cyclohexane	5.471	56	90582	21.113	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	88621	20.973	ug/l	97
36) 1,1-Dichloropropene	5.690	75	77371	20.418	ug/l	99
37) Ethyl Acetate	4.715	43	75083	21.694	ug/l	96
38) Carbon Tetrachloride	5.678	117	73480	20.427	ug/l	98
39) Methylcyclohexane	7.379	83	95020	20.600	ug/l	98
40) Benzene	6.037	78	228926	21.060	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42418	21.389	ug/l	96
42) 1,2-Dichloroethane	6.086	62	83531	21.552	ug/l	97
43) Isopropyl Acetate	6.342	43	123646	21.262	ug/l	95
44) Trichloroethene	7.129	130	62986	21.033	ug/l	96
45) 1,2-Dichloropropane	7.428	63	58692	21.416	ug/l	98
46) Dibromomethane	7.580	93	39258	20.860	ug/l	92
47) Bromodichloromethane	7.824	83	68704	19.814	ug/l	97
48) Methyl methacrylate	7.696	41	60899	21.348	ug/l	94
49) 1,4-Dioxane	7.732	88	29923	430.332	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	387028	108.325	ug/l	97
52) Toluene	8.720	92	148351	21.530	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	75984	20.983	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	87299	21.329	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	59564	21.684	ug/l	97
56) Ethyl methacrylate	9.116	69	89840	21.956	ug/l	89
57) 1,3-Dichloropropane	9.305	76	99447	21.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	208491	101.901	ug/l	95
59) 2-Hexanone	9.433	43	290159	108.103	ug/l	95
60) Dibromochloromethane	9.519	129	53066	20.163	ug/l	98
61) 1,2-Dibromoethane	9.610	107	60911	21.510	ug/l	100
64) Tetrachloroethene	9.275	164	58427	21.566	ug/l	97
65) Chlorobenzene	10.079	112	158726	20.734	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54256	20.364	ug/l	97
67) Ethyl Benzene	10.195	91	282130	21.281	ug/l	100
68) m/p-Xylenes	10.299	106	221332	43.569	ug/l	96
69) o-Xylene	10.640	106	108561	21.793	ug/l	98
70) Styrene	10.659	104	176420	21.843	ug/l	98
71) Bromoform	10.799	173	35017	18.896	ug/l #	99
73) Isopropylbenzene	10.963	105	278491	21.743	ug/l	100
74) N-amyl acetate	10.842	43	105738	21.967	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	86000	21.633	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	69710m	19.944	ug/l	
77) Bromobenzene	11.195	156	69792	21.921	ug/l	91
78) n-propylbenzene	11.305	91	318263	21.636	ug/l	100
79) 2-Chlorotoluene	11.366	91	194427	21.152	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237670	22.007	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20307	18.817	ug/l	92
82) 4-Chlorotoluene	11.457	91	220785	21.385	ug/l	97
83) tert-Butylbenzene	11.713	119	230427	21.265	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	238575	21.986	ug/l	99
85) sec-Butylbenzene	11.890	105	281822	21.203	ug/l	100
86) p-Isopropyltoluene	12.012	119	242822	21.480	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127592	21.087	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	130079	20.505	ug/l	100
89) n-Butylbenzene	12.329	91	195339	20.469	ug/l	99
90) Hexachloroethane	12.536	117	33906	19.593	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	127624	21.089	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16346	20.505	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	79704	20.953	ug/l	98
94) Hexachlorobutadiene	13.725	225	31068	18.610	ug/l	97
95) Naphthalene	13.774	128	266642	22.770	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79267	20.701	ug/l	99

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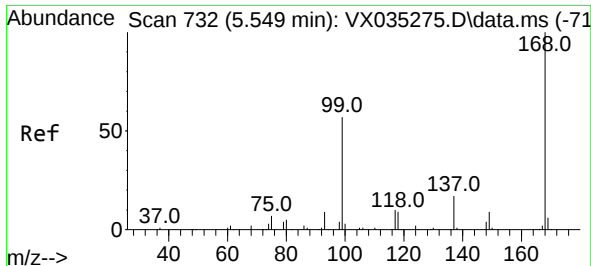
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/28/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

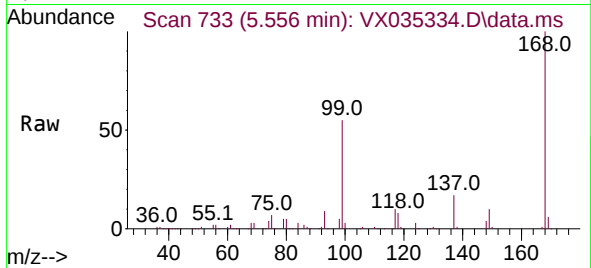
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035334.D
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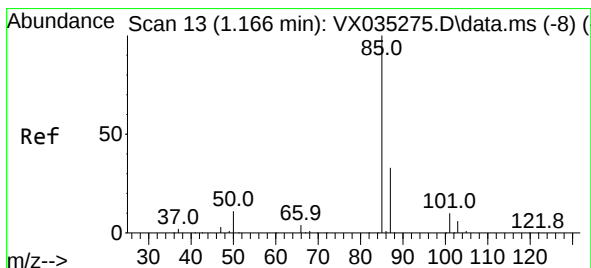
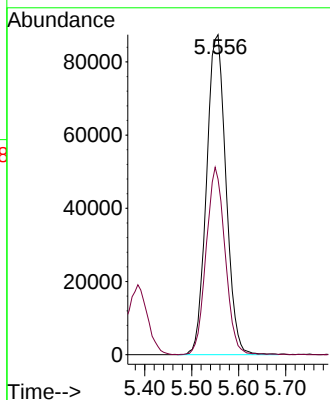
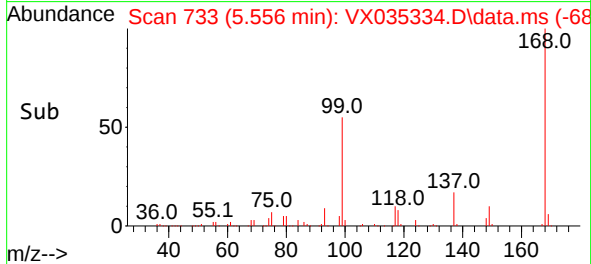
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion:168 Resp: 25069
Ion Ratio Lower Upper
168 100
99 54.9 45.7 68.5

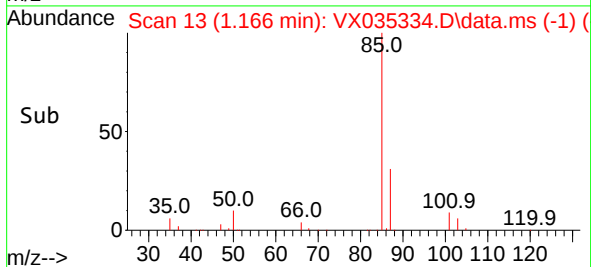
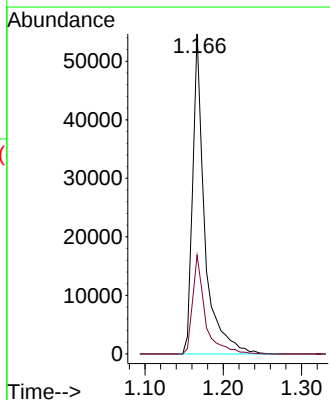
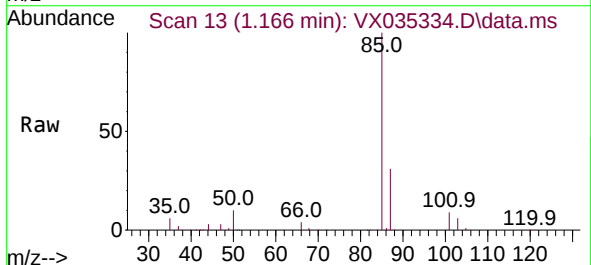
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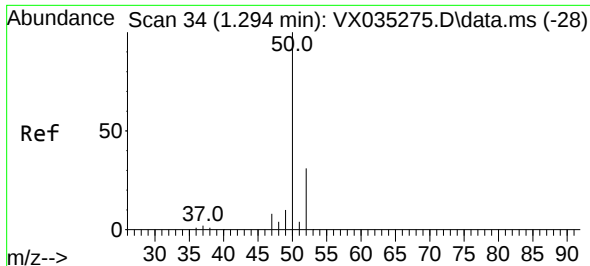
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 21.988 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

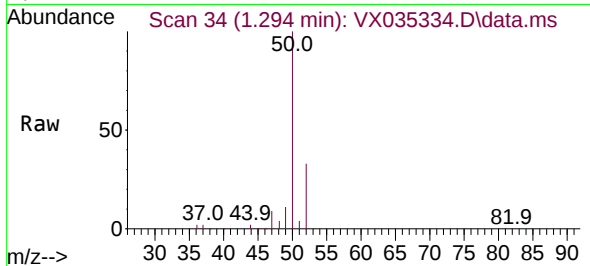
Tgt Ion: 85 Resp: 58326
Ion Ratio Lower Upper
85 100
87 30.9 16.4 49.1





#3
Chloromethane
Concen: 20.436 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

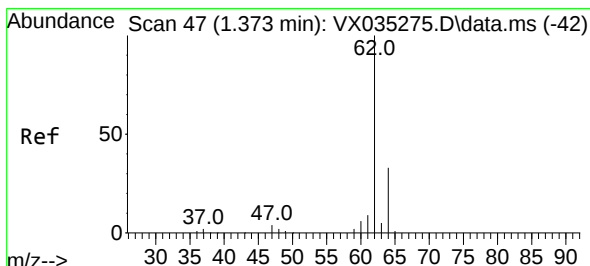
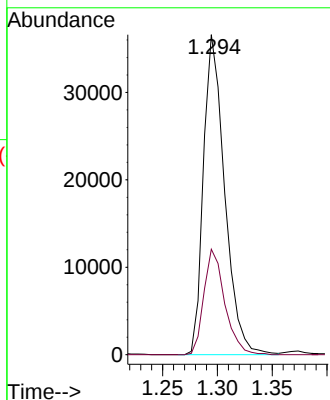
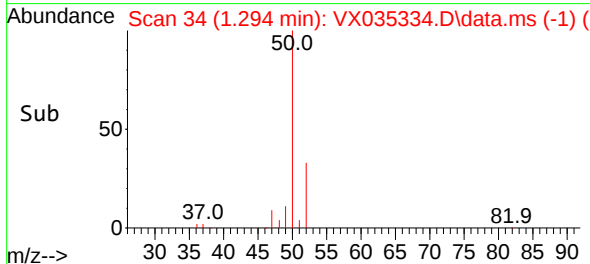
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 50 Resp: 49310
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

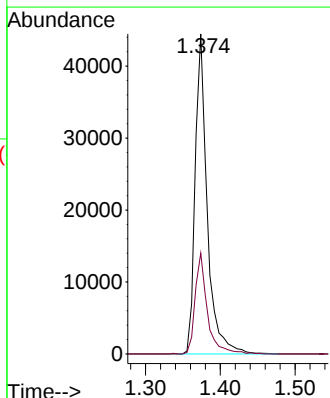
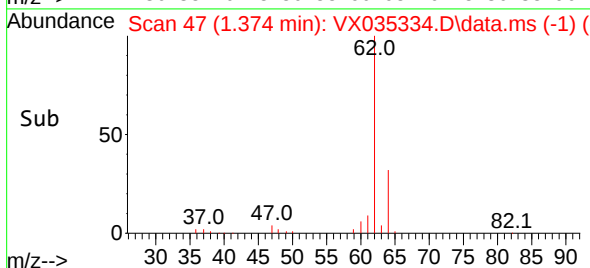
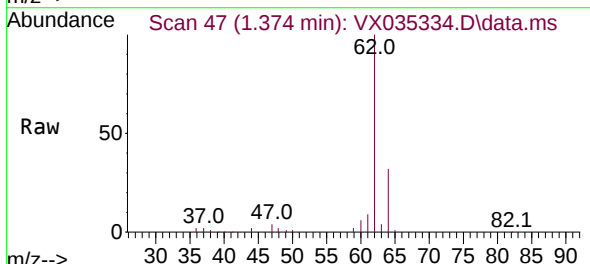
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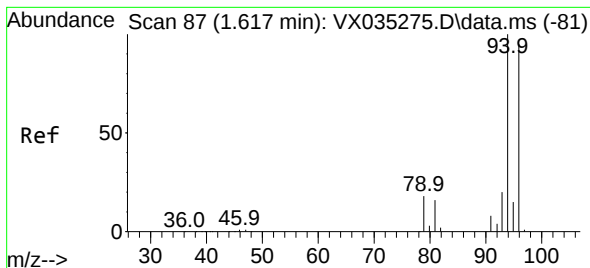
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#4
Vinyl Chloride
Concen: 20.576 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 62 Resp: 49801
Ion Ratio Lower Upper
62 100
64 31.6 26.4 39.6





#5

Bromomethane

Concen: 22.324 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion: 94 Resp: 3591

Ion Ratio Lower Upper

94 100

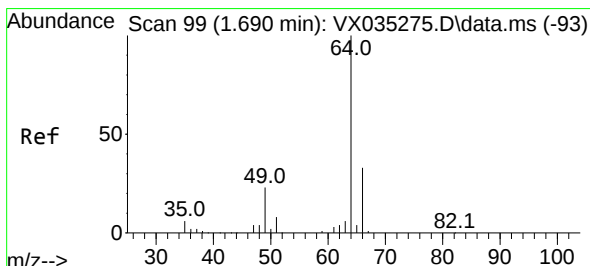
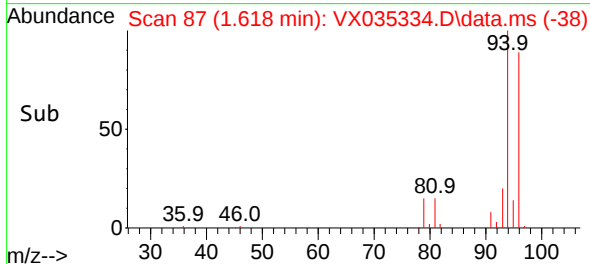
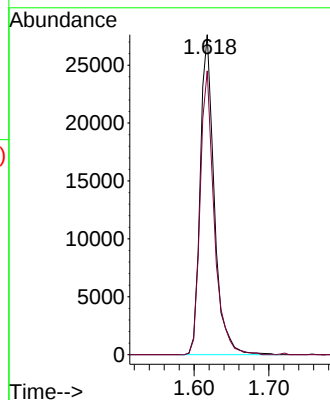
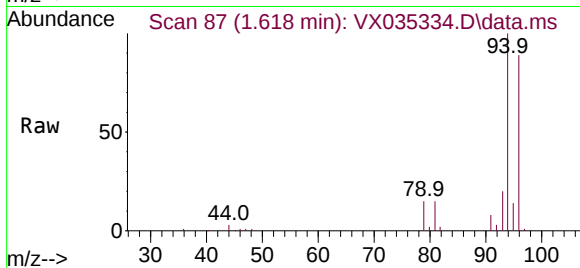
96 88.7 77.0 115.6

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#6

Chloroethane

Concen: 21.196 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX035334.D

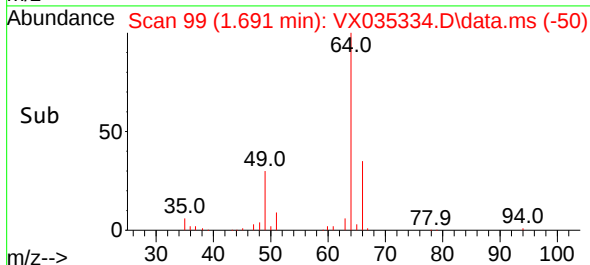
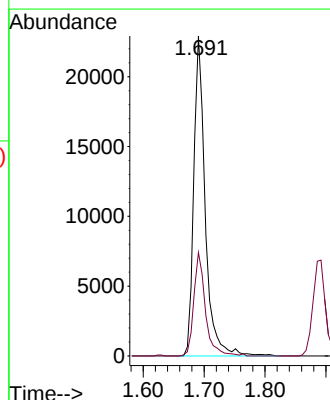
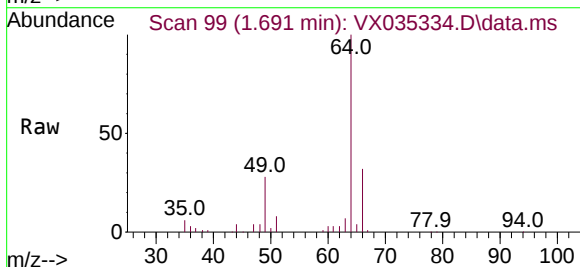
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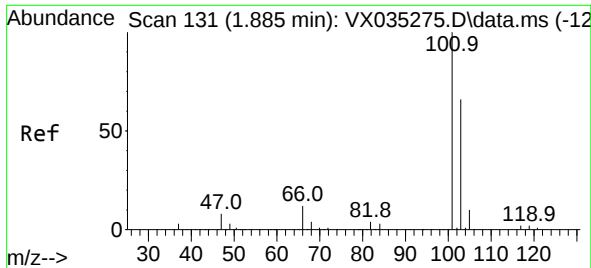
Tgt Ion: 64 Resp: 30004

Ion Ratio Lower Upper

64 100

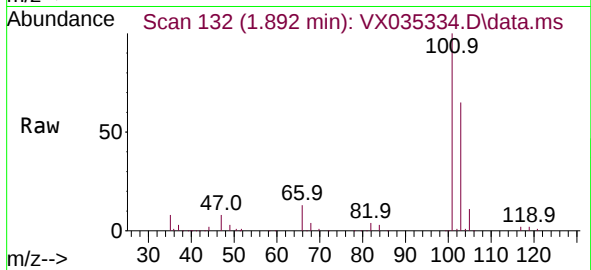
66 32.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 20.620 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX035334.D
 Acq: 27 Apr 2023 12:29

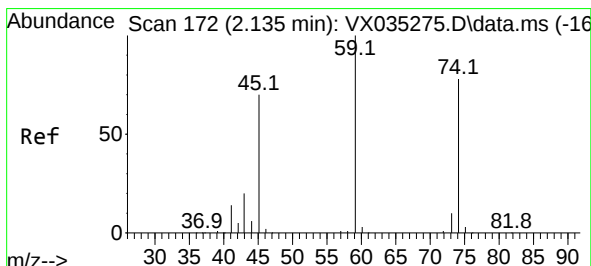
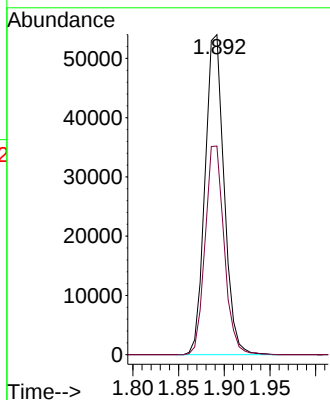
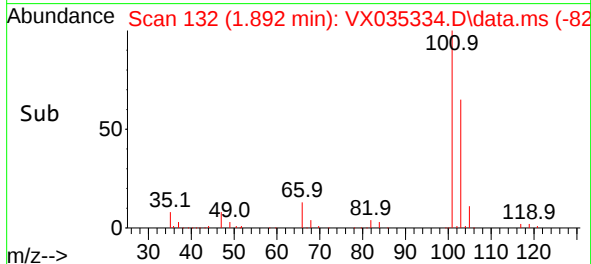
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS02



Tgt Ion:101 Resp: 78040
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.0 78.0

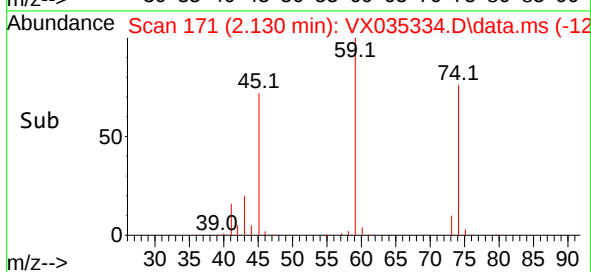
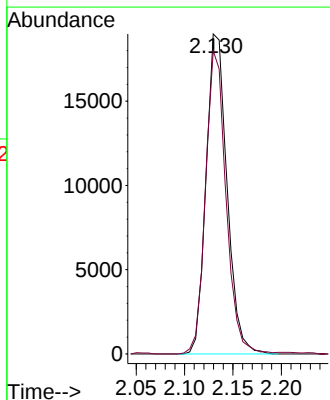
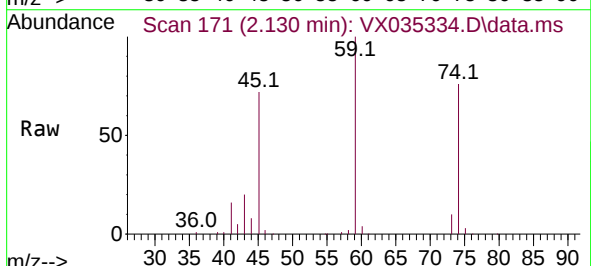
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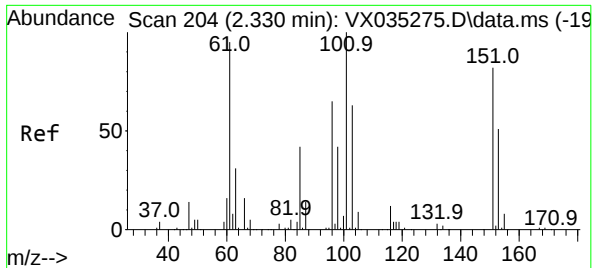
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#8
 Diethyl Ether
 Concen: 20.717 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX035334.D
 Acq: 27 Apr 2023 12:29

Tgt Ion: 74 Resp: 28590
 Ion Ratio Lower Upper
 74 100
 45 92.9 49.8 149.3





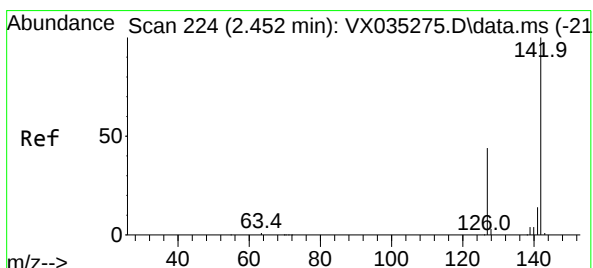
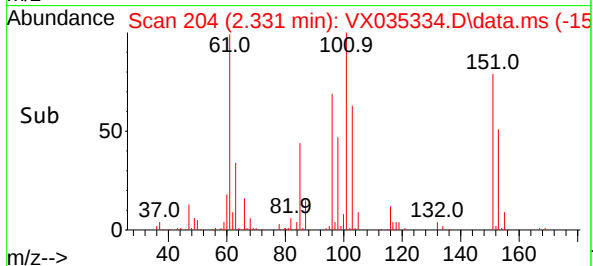
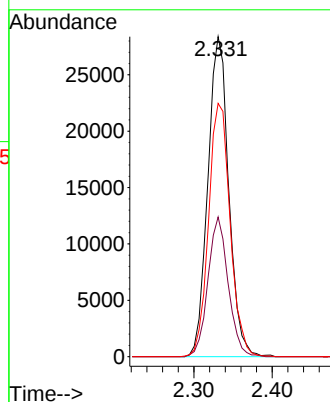
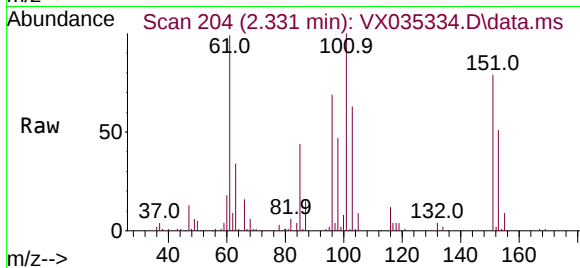
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.794 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion:101 Resp: 5256
Ion Ratio Lower Upper
101 100
85 42.2 35.4 53.2
151 81.7 60.2 90.4

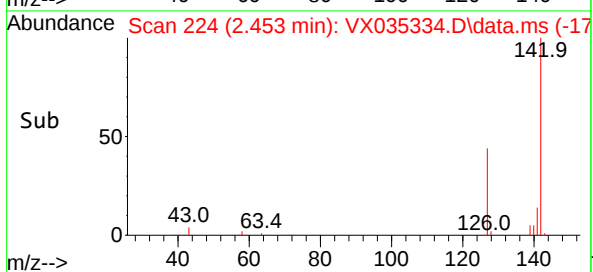
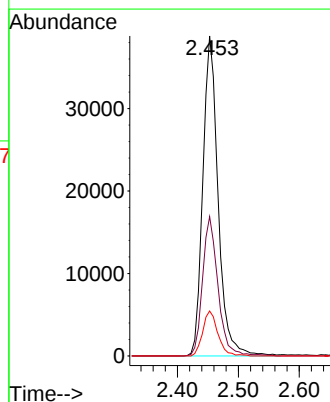
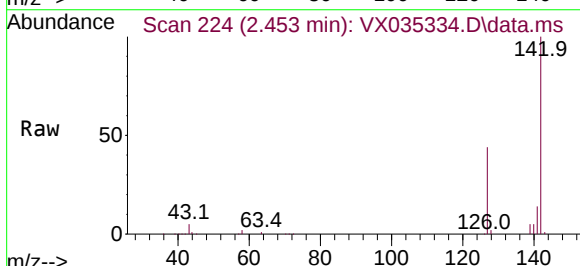
Manual Integrations
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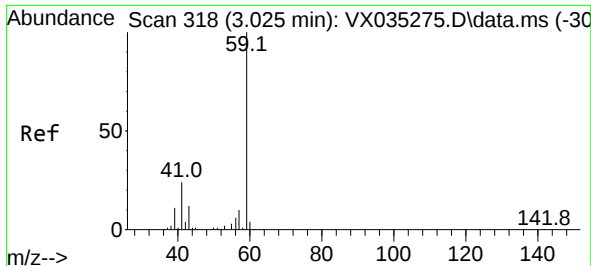
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#10
Methyl Iodide
Concen: 21.222 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion:142 Resp: 67708
Ion Ratio Lower Upper
142 100
127 43.9 34.0 51.0
141 14.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 107.256 ug/l

RT: 3.014 min Scan# 318

Delta R.T. -0.011 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion: 59 Resp: 5906

Ion Ratio Lower Upper

59 100

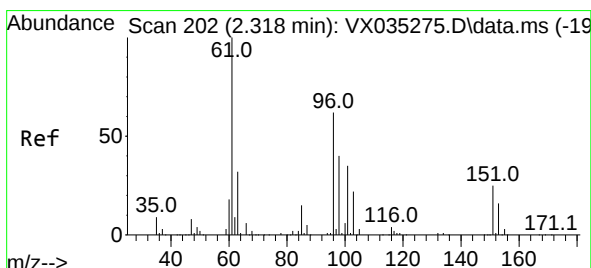
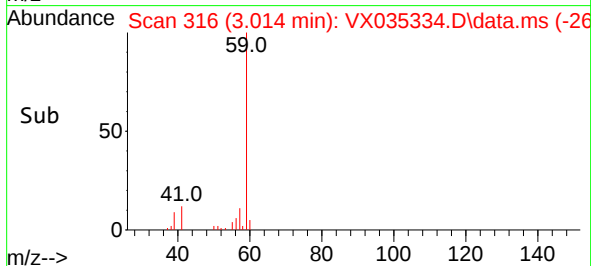
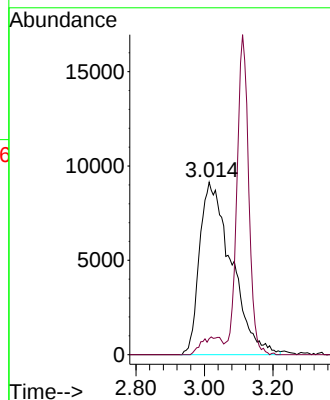
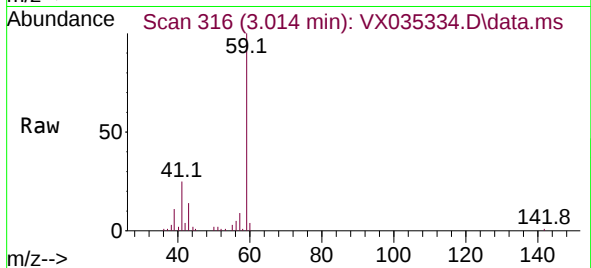
57 4.1 8.1 12.1

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Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#12

1,1-Dichloroethene

Concen: 20.274 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

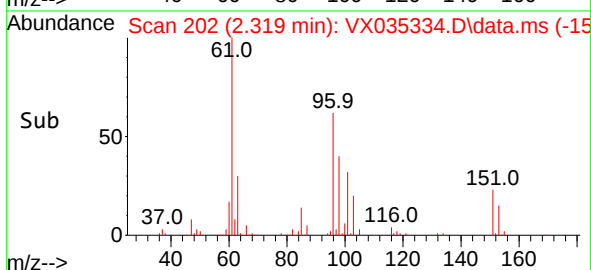
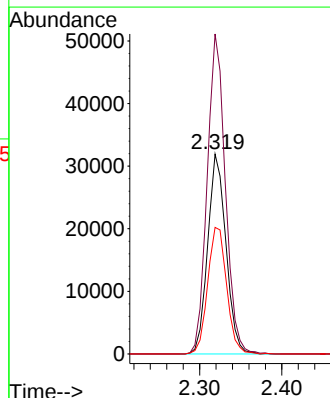
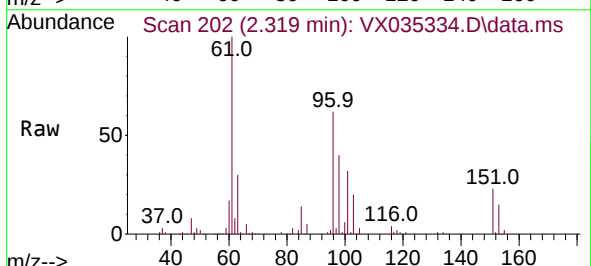
Tgt Ion: 96 Resp: 49364

Ion Ratio Lower Upper

96 100

61 160.1 128.8 193.2

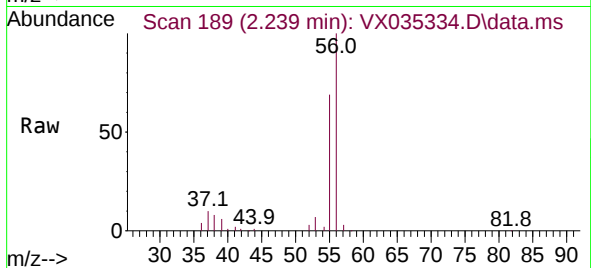
98 63.4 51.4 77.0





#13
Acrolein
Concen: 96.032 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

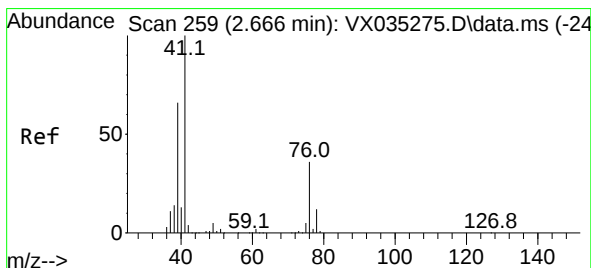
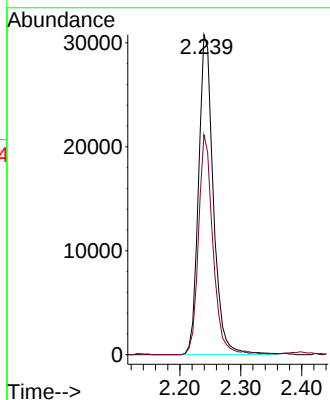
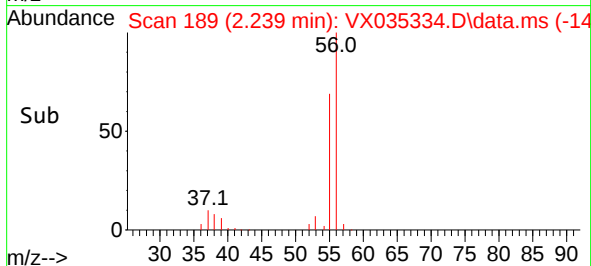
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 56 Resp: 52009
Ion Ratio Lower Upper
56 100
55 67.5 56.6 85.0

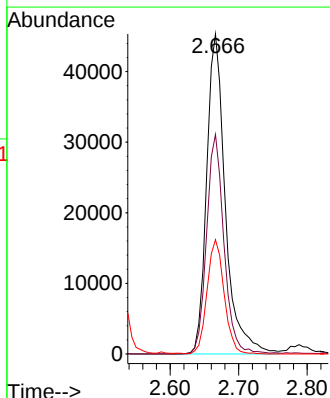
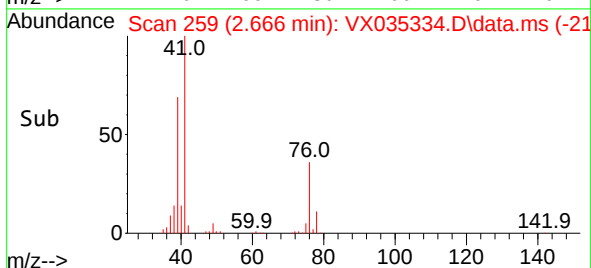
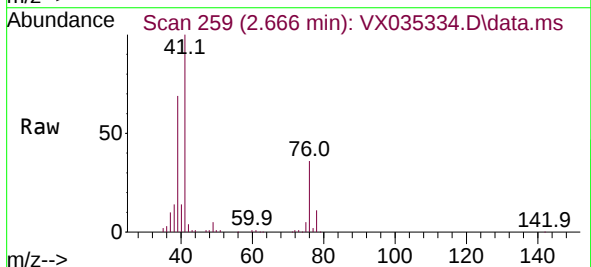
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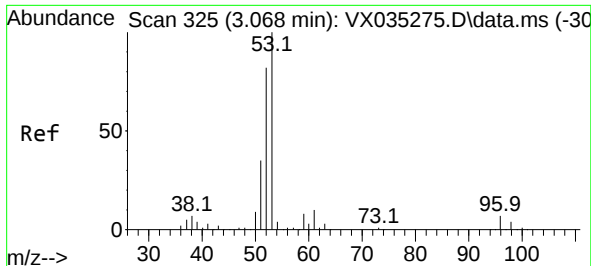
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#14
Allyl chloride
Concen: 20.098 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

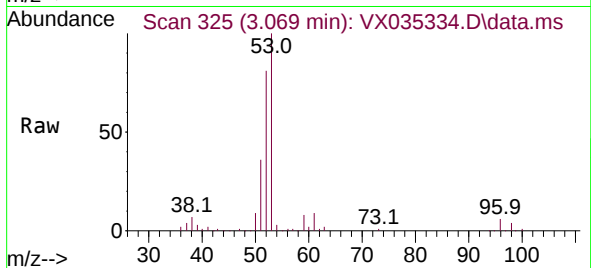
Tgt Ion: 41 Resp: 86118
Ion Ratio Lower Upper
41 100
39 63.8 52.4 78.6
76 32.6 26.0 39.0





#15
Acrylonitrile
Concen: 105.663 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

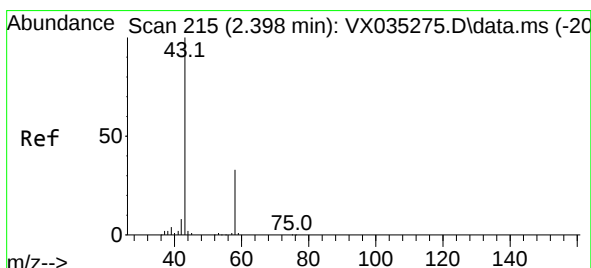
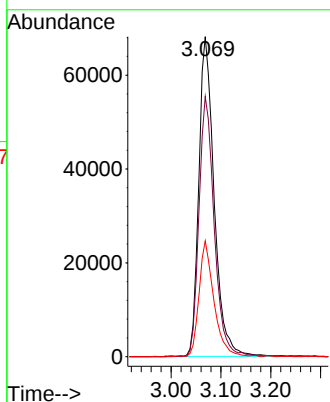
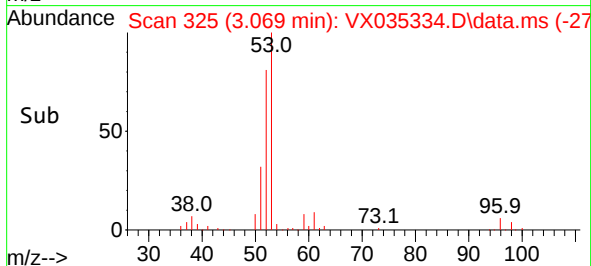
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 53 Resp: 145536
Ion Ratio Lower Upper
53 100
52 81.4 66.2 99.2
51 35.3 28.3 42.5

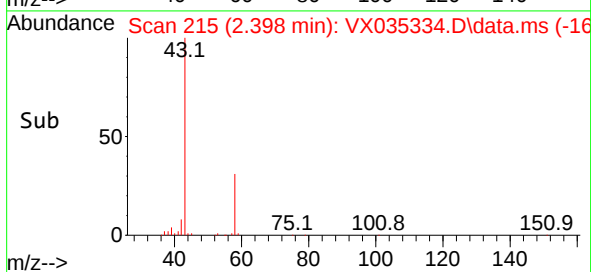
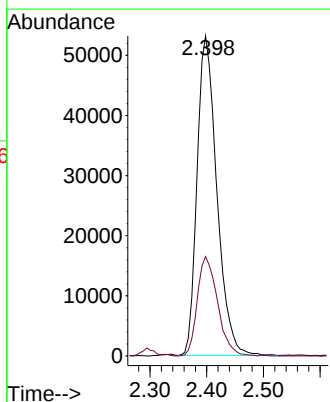
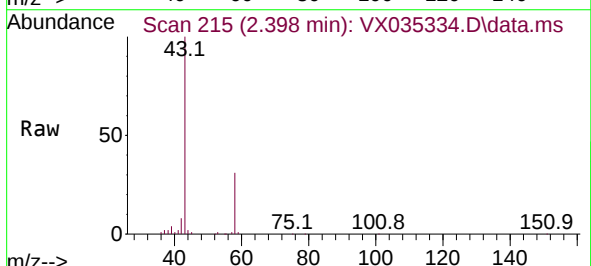
Manual Integrations
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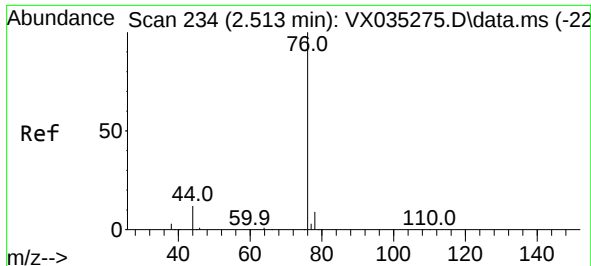
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
Acetone
Concen: 98.001 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 43 Resp: 128734
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1





#17

Carbon Disulfide

Concen: 18.203 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion: 76 Resp: 10625

Ion Ratio Lower Upper

76 100

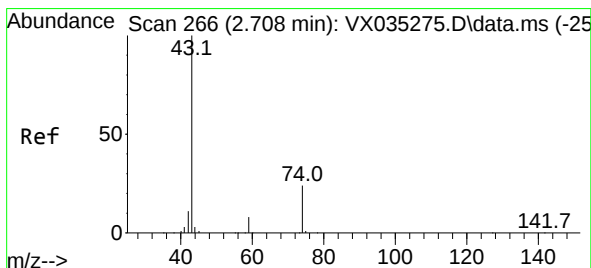
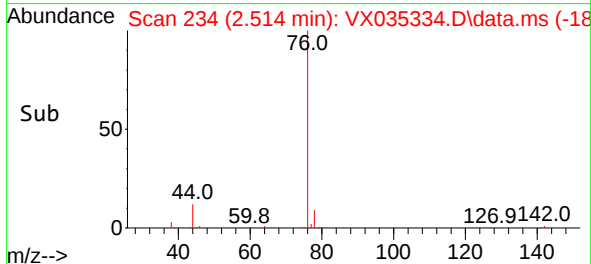
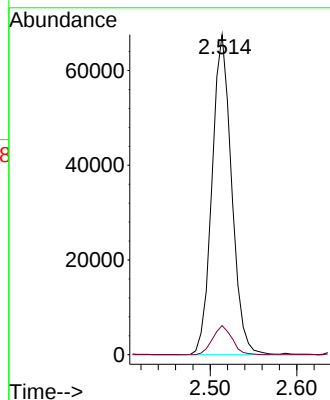
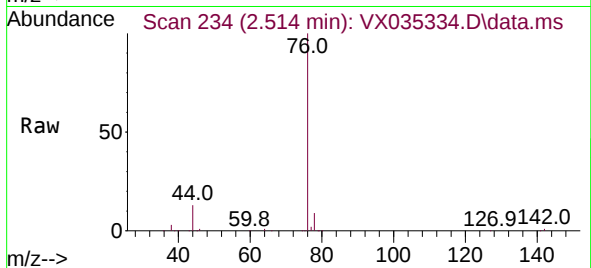
78 9.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#18

Methyl Acetate

Concen: 21.366 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.001 min

Lab File: VX035334.D

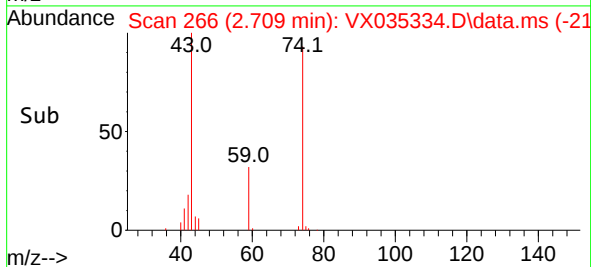
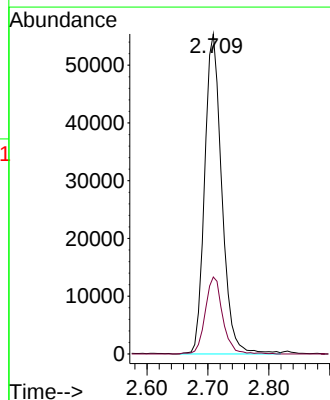
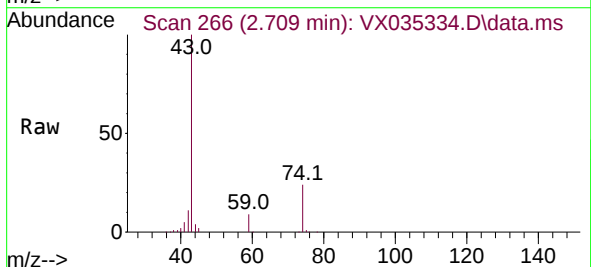
Acq: 27 Apr 2023 12:29

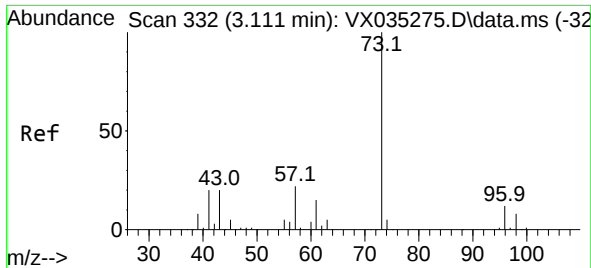
Tgt Ion: 43 Resp: 108534

Ion Ratio Lower Upper

43 100

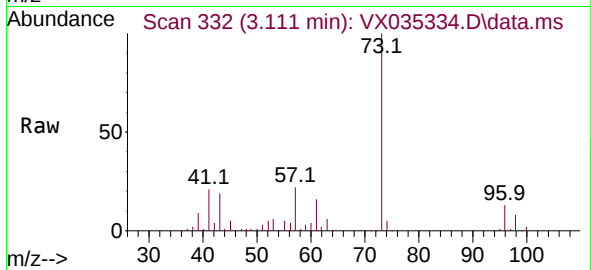
74 24.4 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 21.566 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

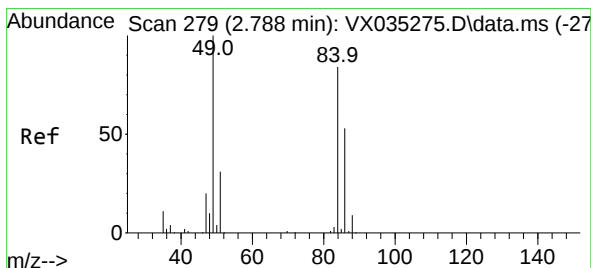
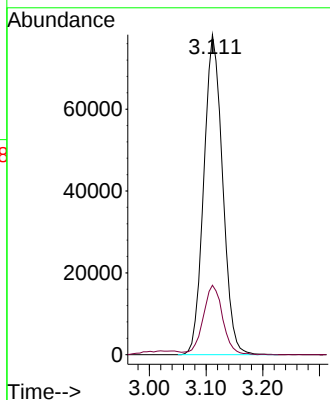
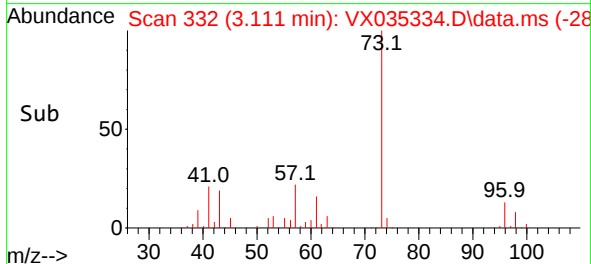
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 73 Resp: 180150
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7

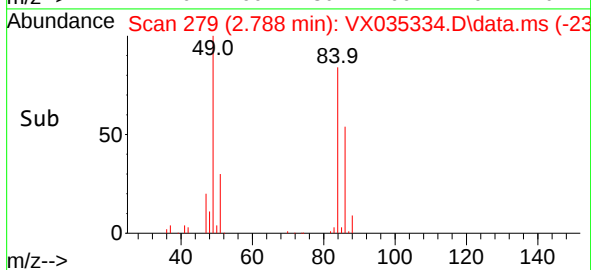
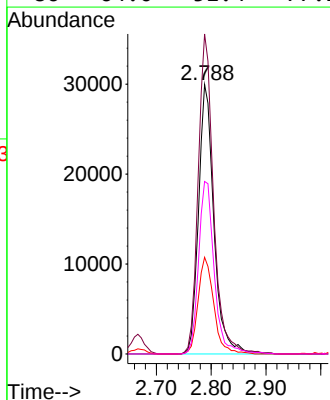
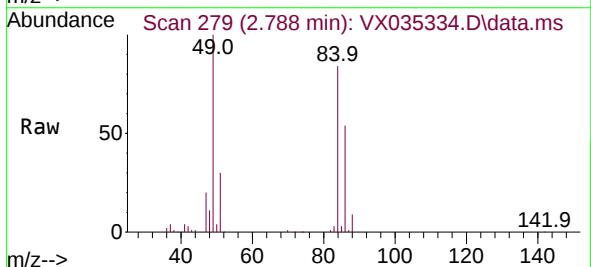
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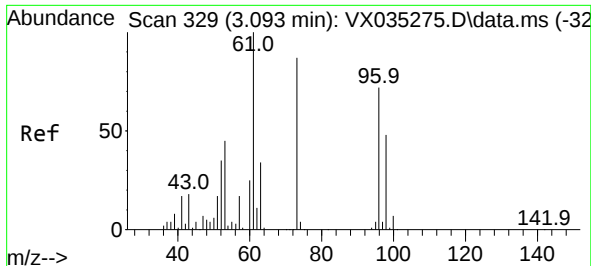
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#20
Methylene Chloride
Concen: 19.425 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 84 Resp: 58508
Ion Ratio Lower Upper
84 100
49 118.7 103.8 155.8
51 35.9 31.8 47.8
86 64.0 51.4 77.2





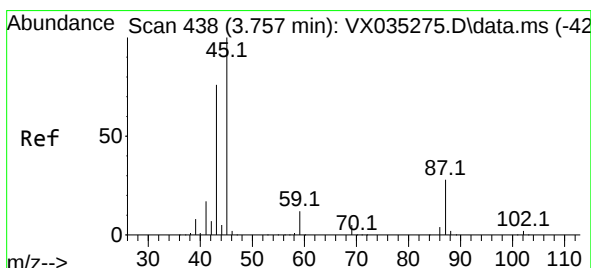
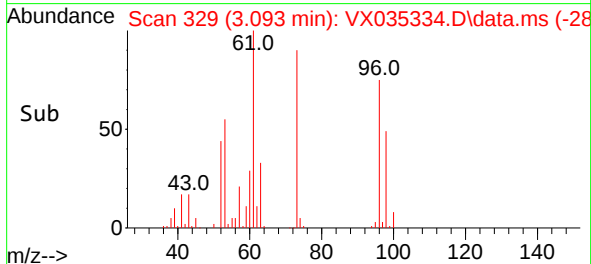
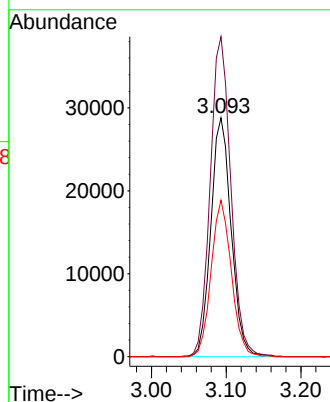
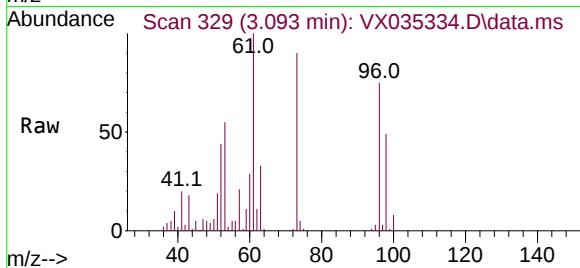
#21
trans-1,2-Dichloroethene
Concen: 20.637 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion: 96 Resp: 5457
Ion Ratio Lower Upper
96 100
61 134.0 113.0 169.6
98 65.5 52.1 78.1

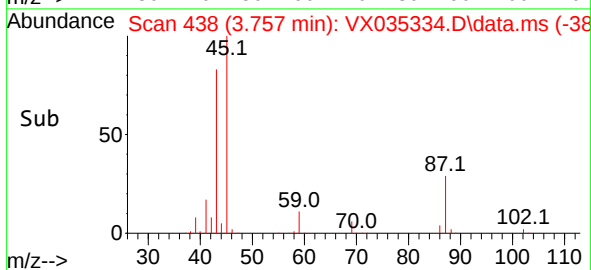
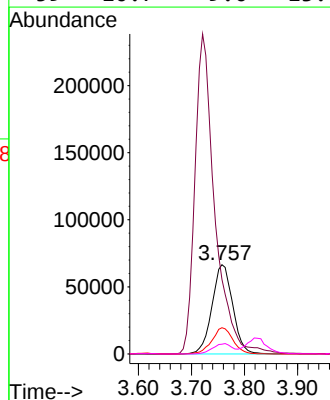
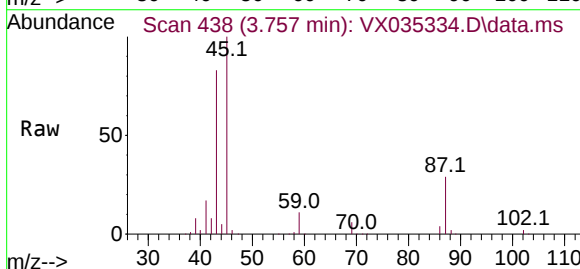
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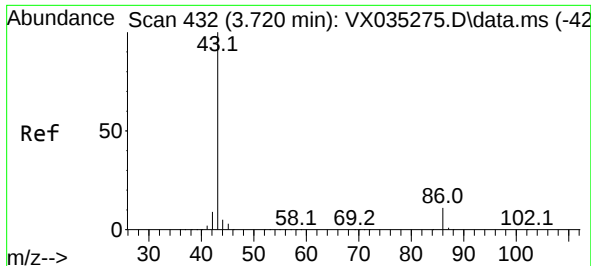
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#22
Diisopropyl ether
Concen: 21.320 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

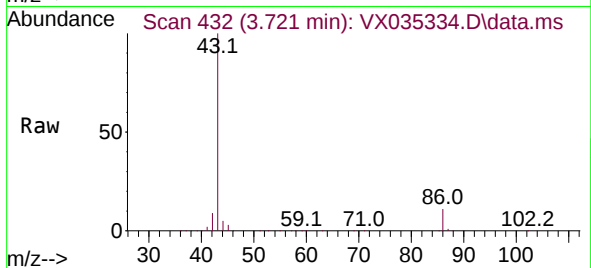
Tgt Ion: 45 Resp: 180782
Ion Ratio Lower Upper
45 100
43 82.2 65.4 98.2
87 29.3 20.6 31.0
59 10.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 107.017 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035334.D
 Acq: 27 Apr 2023 12:29

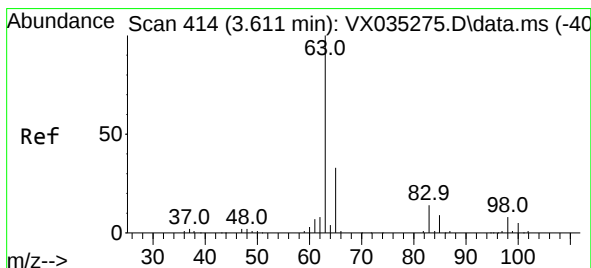
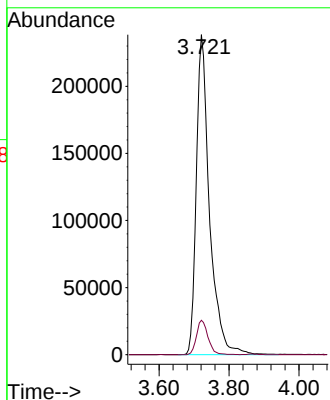
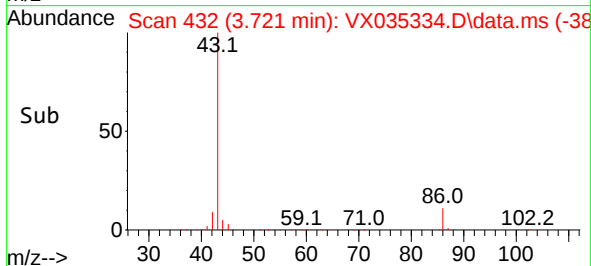
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS02



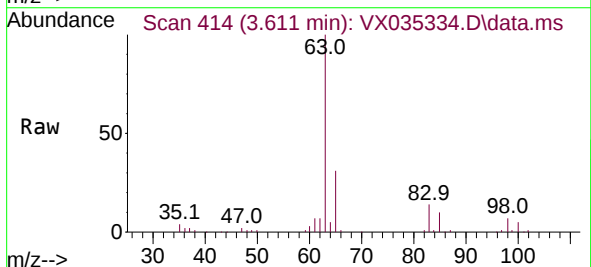
Tgt Ion: 43 Resp: 62374
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

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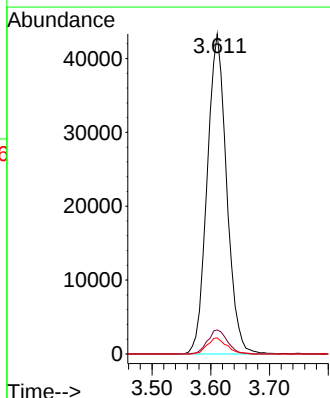
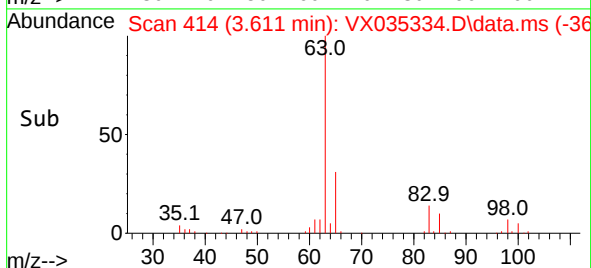
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

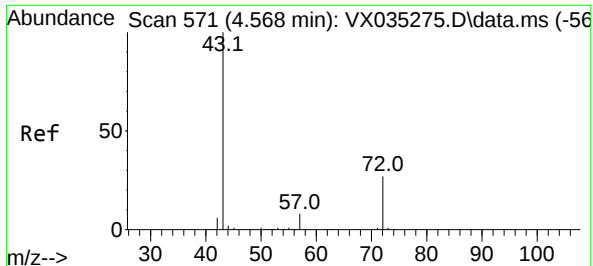


#24
 1,1-Dichloroethane
 Concen: 20.911 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035334.D
 Acq: 27 Apr 2023 12:29



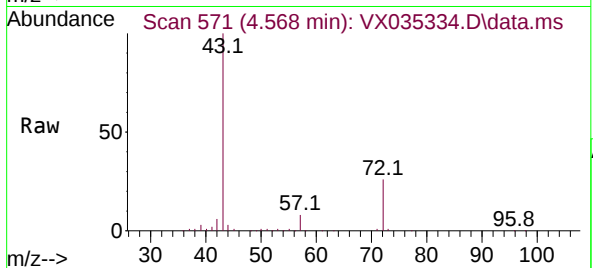
Tgt Ion: 63 Resp: 99873
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 5.0 2.4 7.1





#25
2-Butanone
Concen: 104.649 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

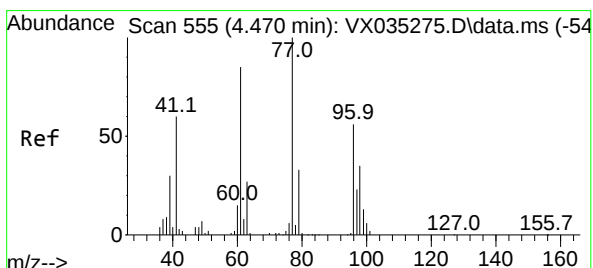
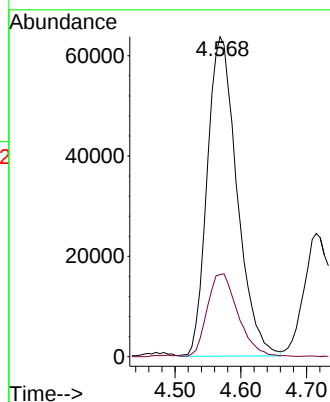
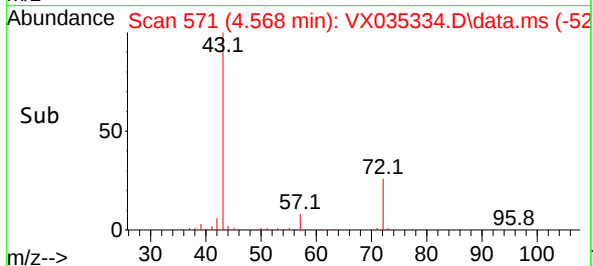
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 43 Resp: 200640
Ion Ratio Lower Upper
43 100
72 25.5 19.3 28.9

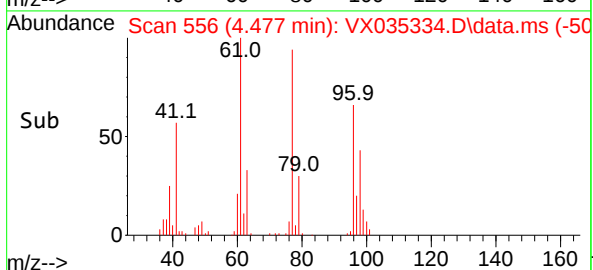
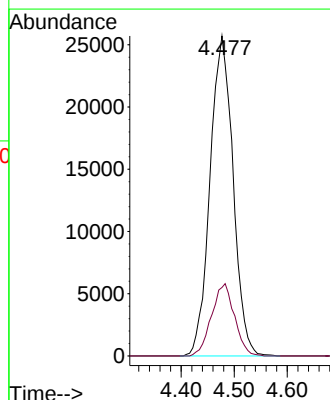
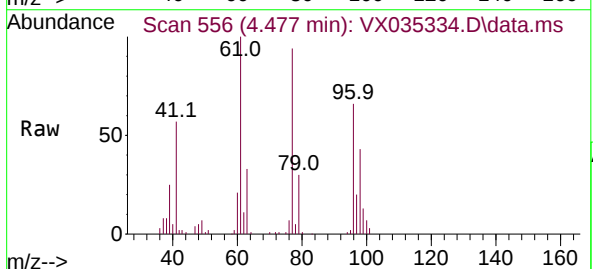
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#26
2,2-Dichloropropane
Concen: 20.719 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 77 Resp: 77527
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.636 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

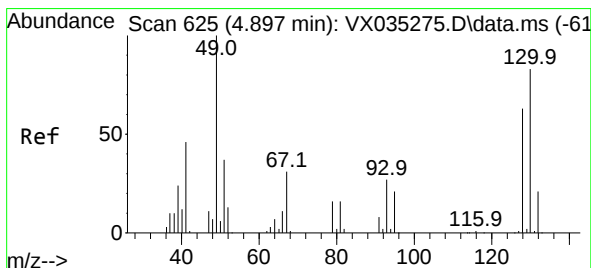
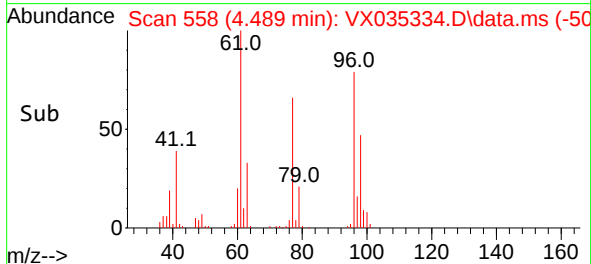
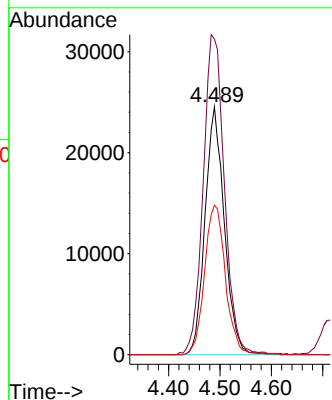
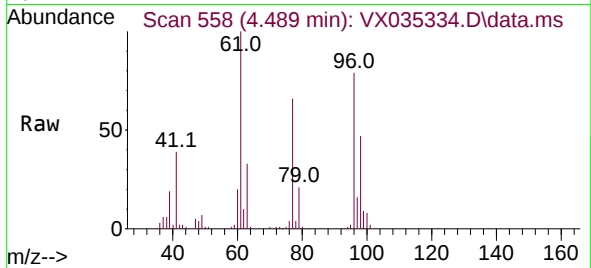
Tgt Ion: 96 Resp: 64140
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 300.4
 98 65.1 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

Bromochloromethane

Concen: 17.556 ug/l

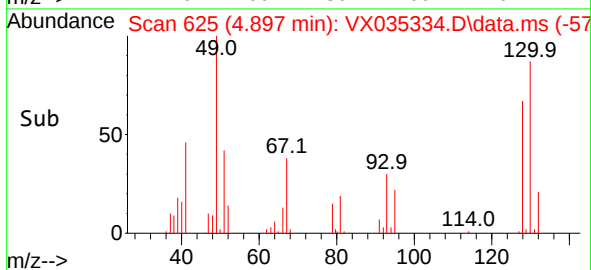
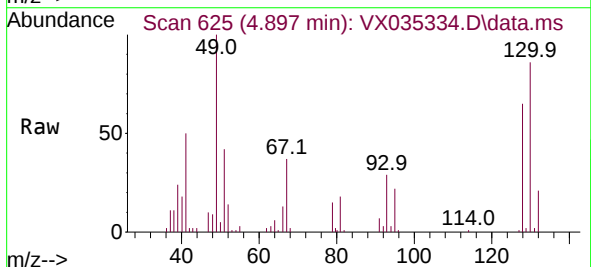
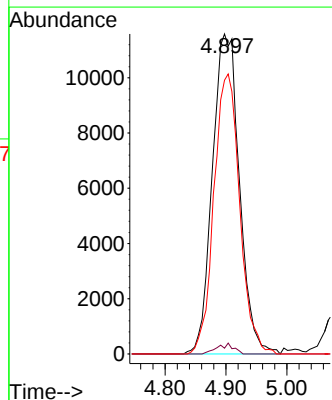
RT: 4.897 min Scan# 625

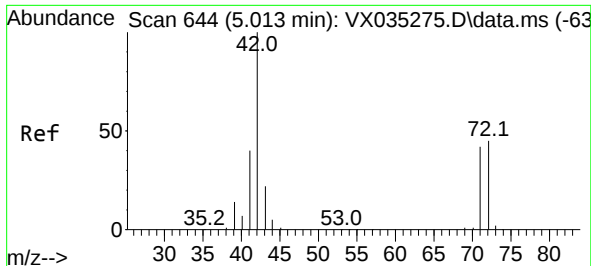
Delta R.T. 0.000 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

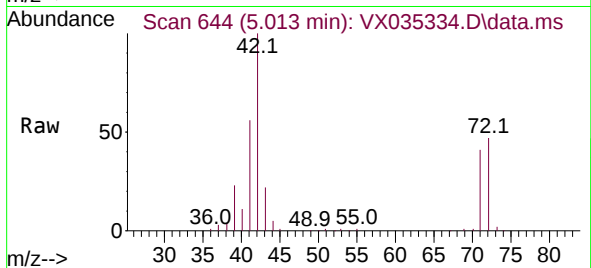
Tgt Ion: 49 Resp: 35734
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 83.4 58.2 87.2





#29
Tetrahydrofuran
Concen: 102.537 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

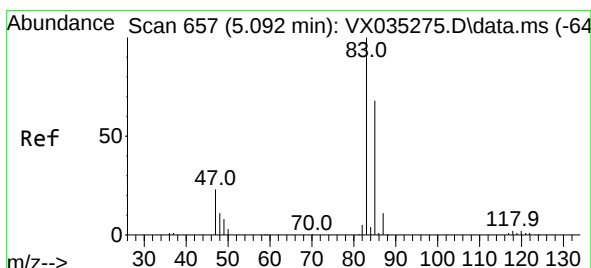
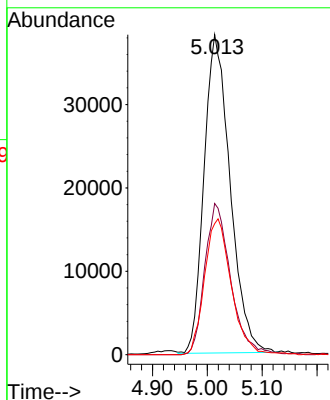
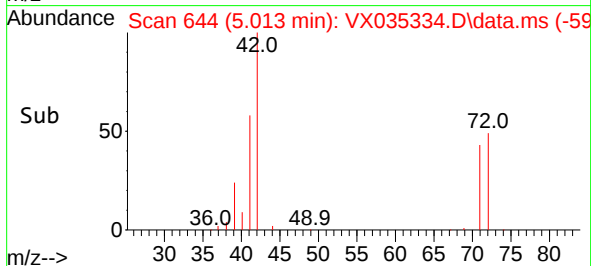
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 42 Resp: 126028
Ion Ratio Lower Upper
42 100
72 46.9 34.5 51.7
71 43.8 32.1 48.1

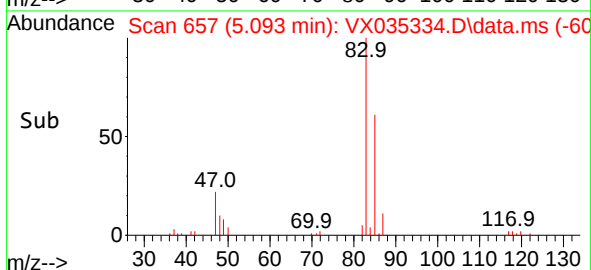
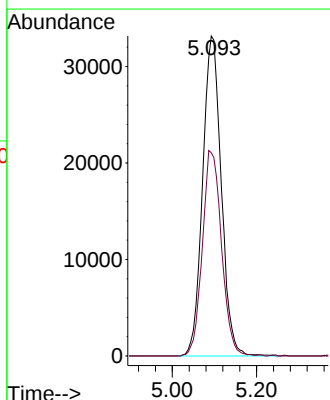
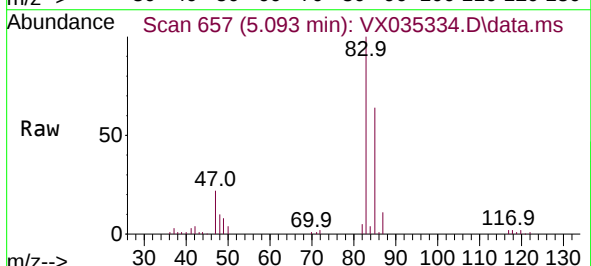
Manual Integrations
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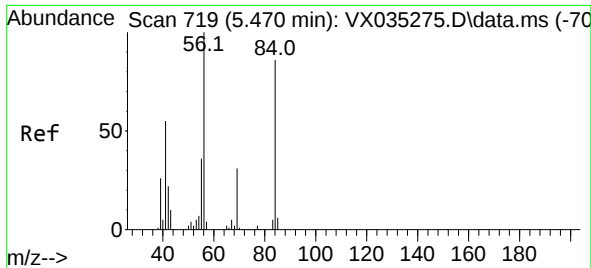
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#30
Chloroform
Concen: 21.152 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

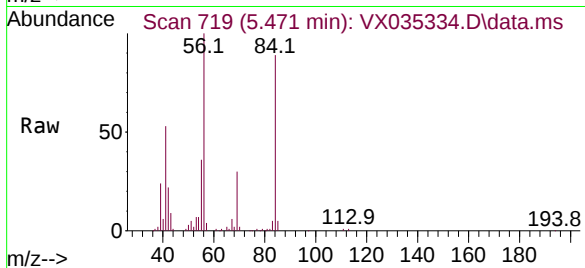
Tgt Ion: 83 Resp: 101987
Ion Ratio Lower Upper
83 100
85 63.5 50.6 76.0





#31
Cyclohexane
Concen: 21.113 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

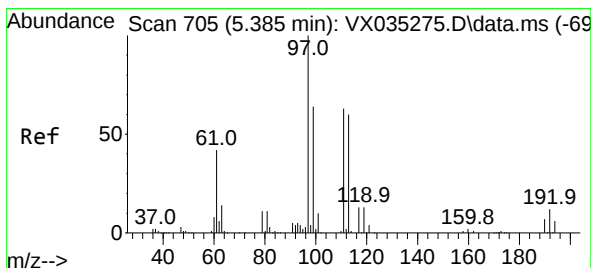
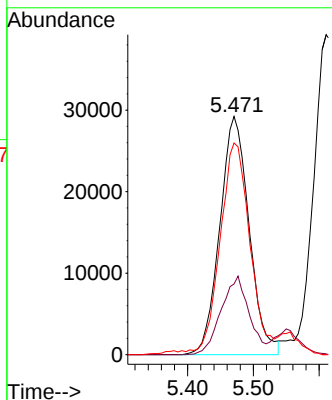
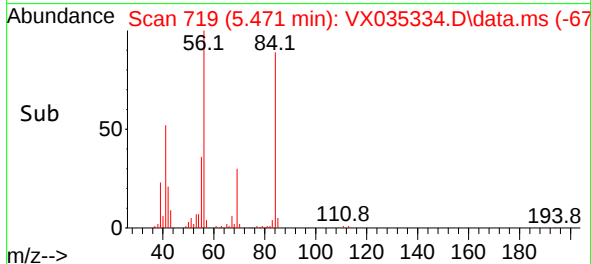
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 56 Resp: 90582
Ion Ratio Lower Upper
56 100
69 29.7 23.7 35.5
84 87.7 68.5 102.7

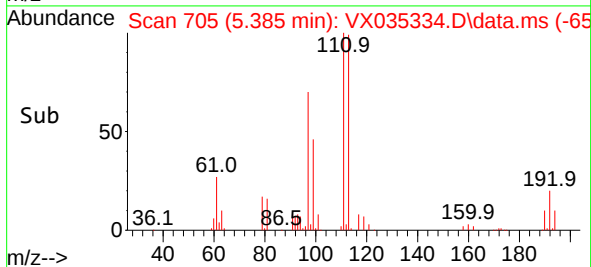
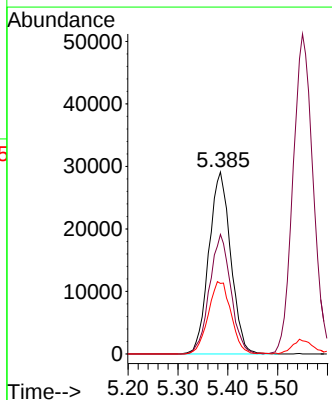
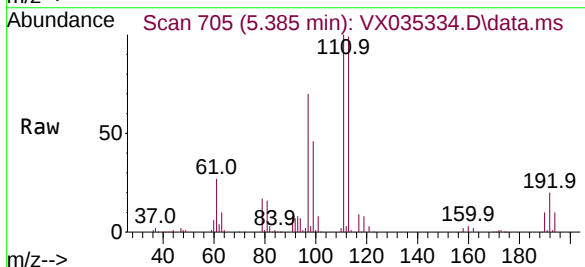
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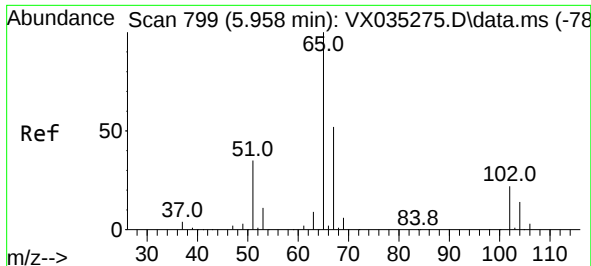
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#32
1,1,1-Trichloroethane
Concen: 20.973 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 97 Resp: 88621
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 41.4 36.5 54.7





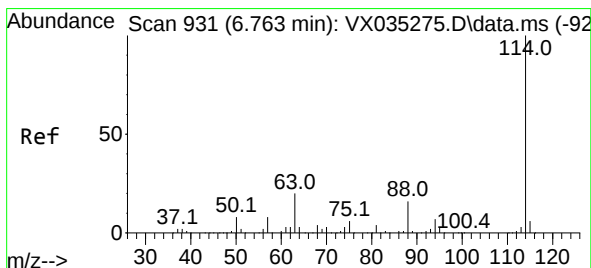
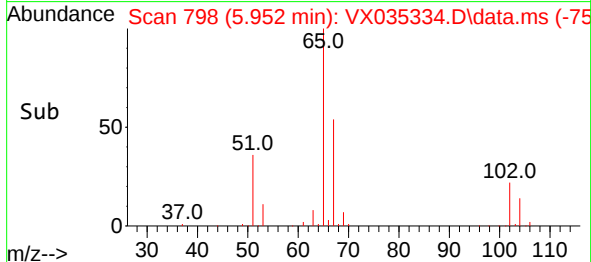
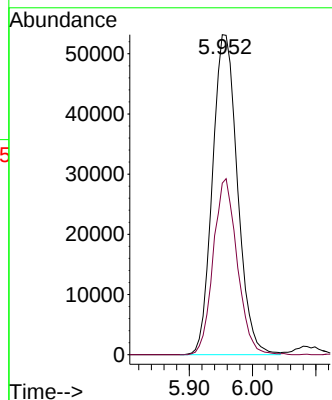
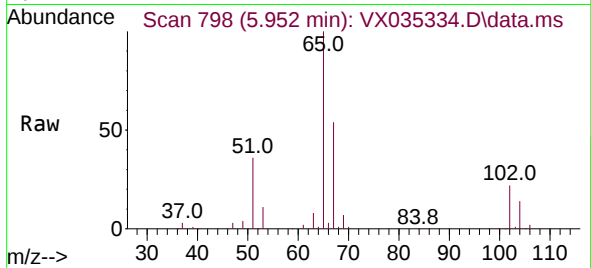
#33
1,2-Dichloroethane-d4
Concen: 48.281 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion: 65 Resp: 146020
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0

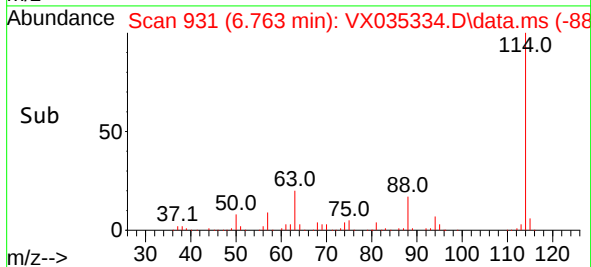
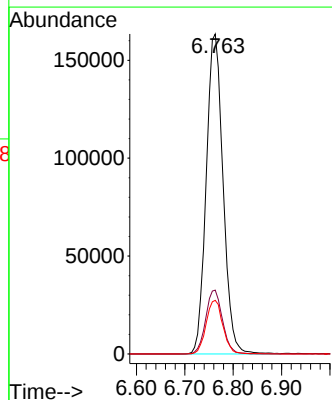
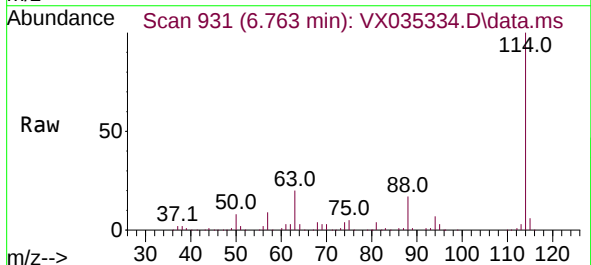
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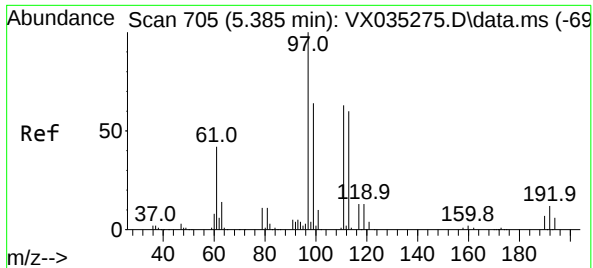
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

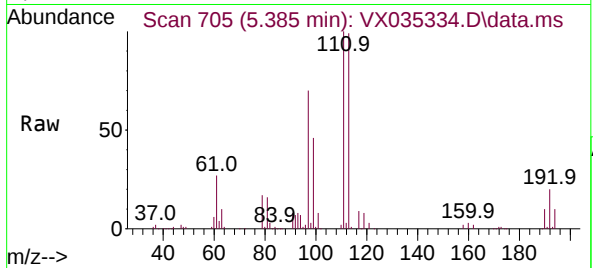
Tgt Ion:114 Resp: 395397
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.536 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

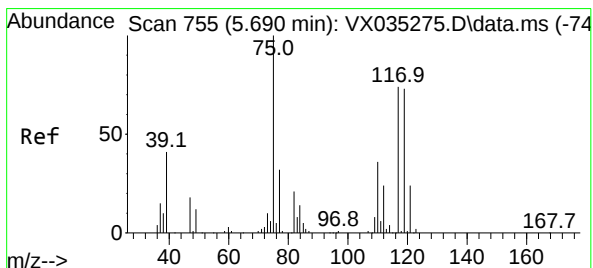
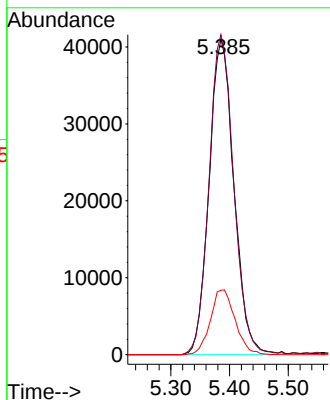
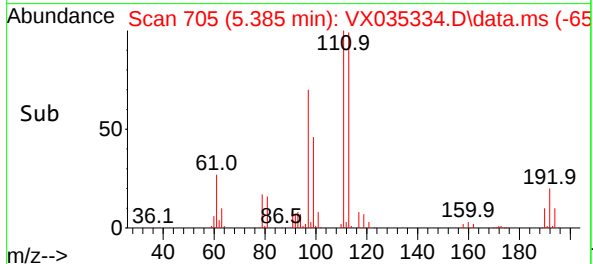
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 113 Resp: 120215
Ion Ratio Lower Upper
113 100
111 101.1 83.7 125.5
192 20.5 15.4 23.2

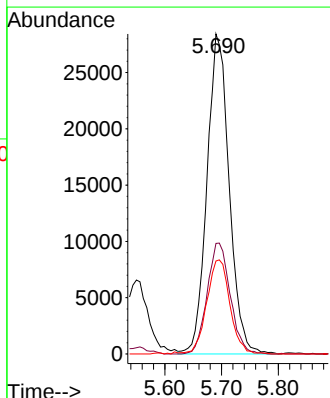
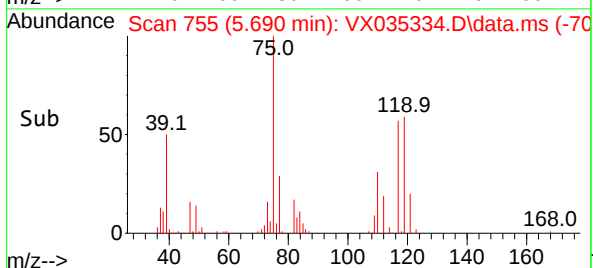
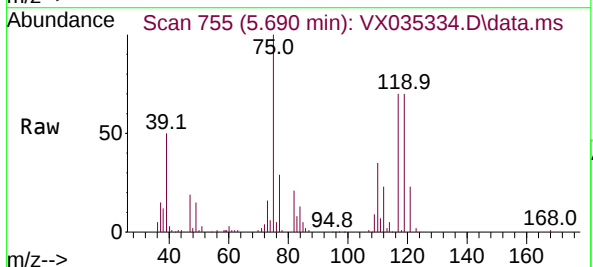
Manual Integrations
APPROVED

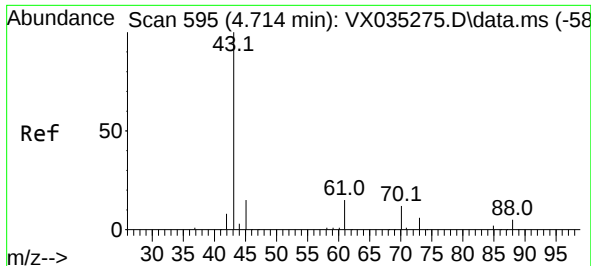
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,1-Dichloropropene
Concen: 20.418 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 75 Resp: 77371
Ion Ratio Lower Upper
75 100
110 35.9 17.5 52.5
77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 21.694 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

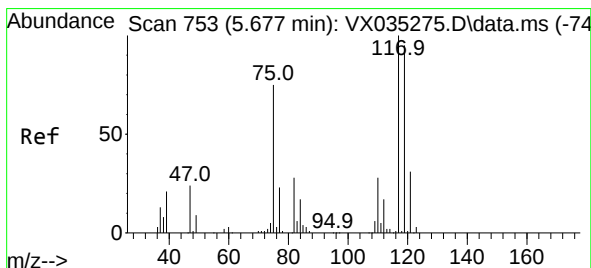
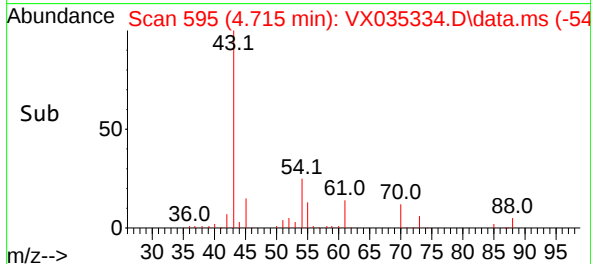
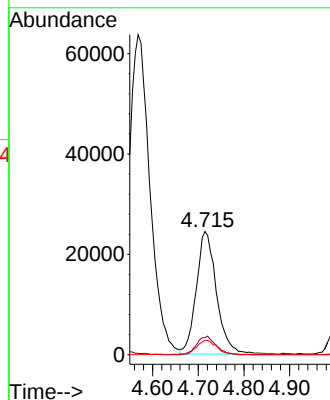
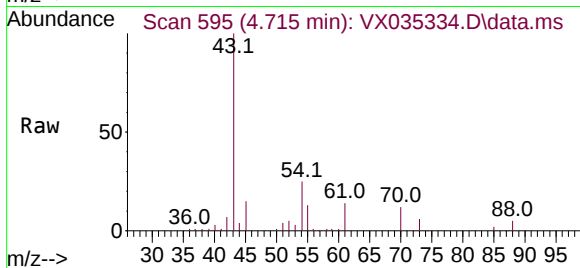
Tgt Ion: 43	Resp: 7508
Ion Ratio	Lower Upper
43 100	
61 14.5	10.2 15.4
70 11.5	8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#38

Carbon Tetrachloride

Concen: 20.427 ug/l

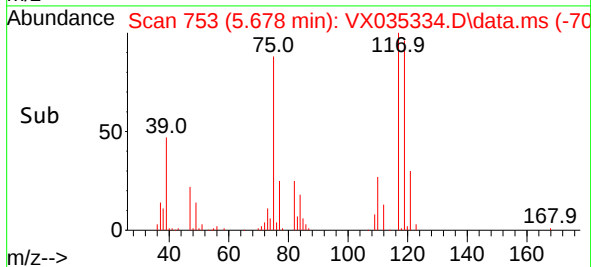
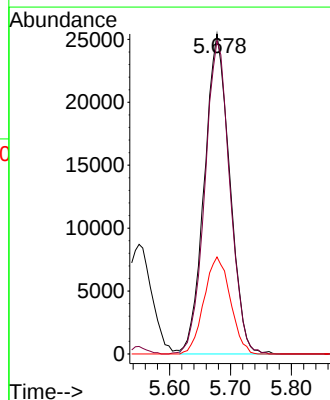
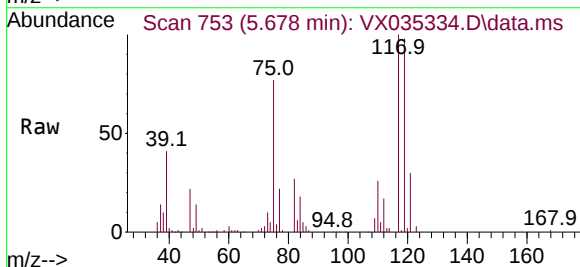
RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Tgt Ion:117	Resp: 73480
Ion Ratio	Lower Upper
117 100	
119 97.8	76.6 114.8
121 30.3	23.8 35.6





#39

Methylcyclohexane

Concen: 20.600 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

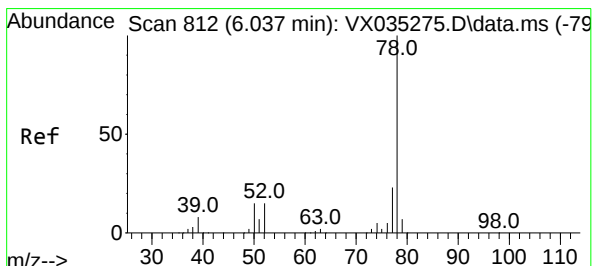
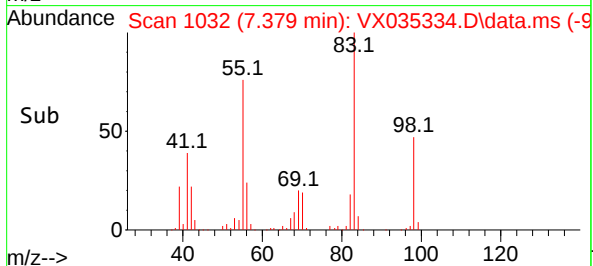
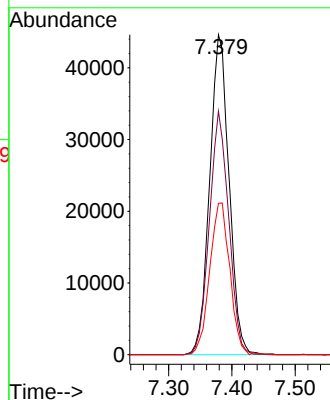
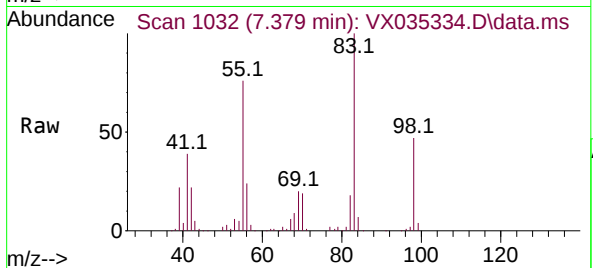
Tgt Ion: 83	Resp: 95020
Ion Ratio	Lower Upper
83	100
55	76.1 60.5 90.7
98	47.3 40.4 60.6

Manual Integrations

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Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Benzene

Concen: 21.060 ug/l

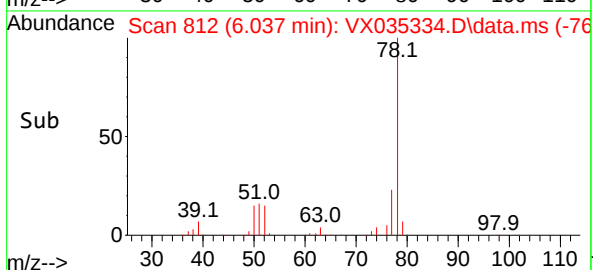
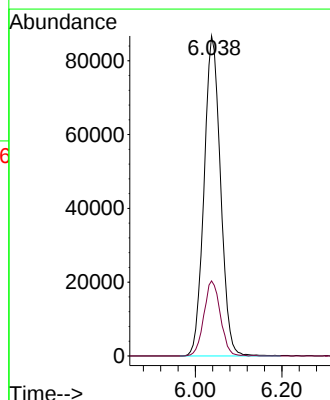
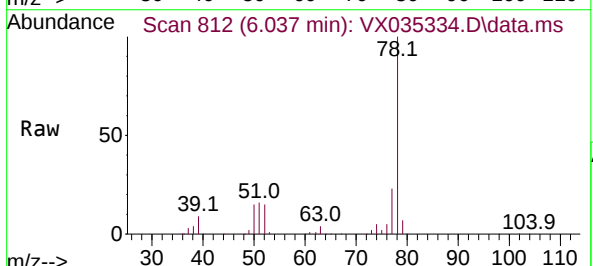
RT: 6.037 min Scan# 812

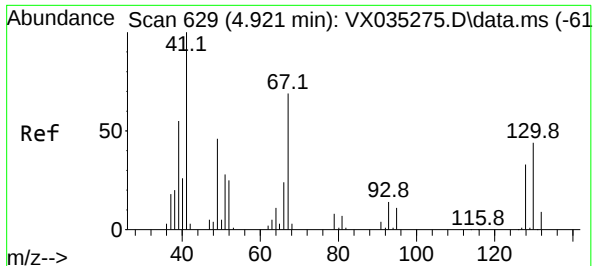
Delta R.T. 0.000 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

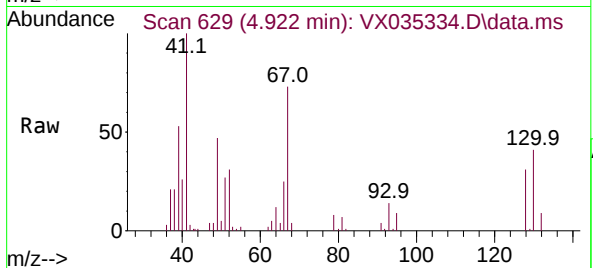
Tgt Ion: 78	Resp: 228926
Ion Ratio	Lower Upper
78	100
77	23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 21.389 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

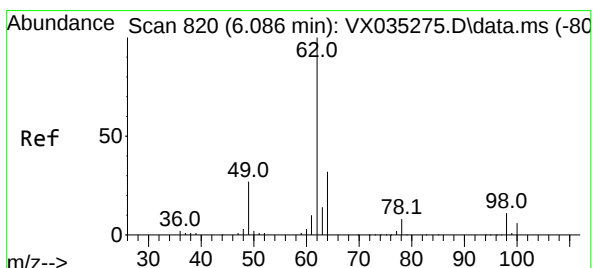
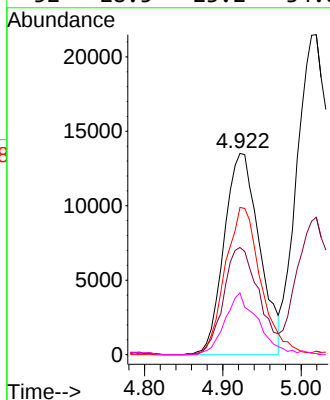
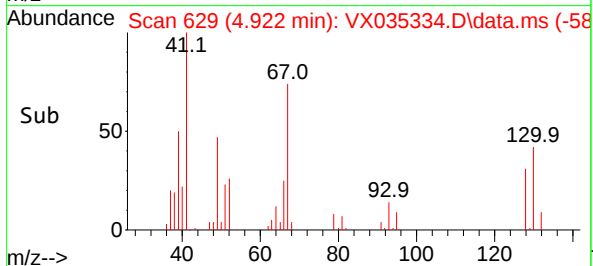
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 41 Resp: 42418
Ion Ratio Lower Upper
41 100
39 53.4 45.0 67.6
67 73.5 55.6 83.4
52 28.5 23.2 34.8

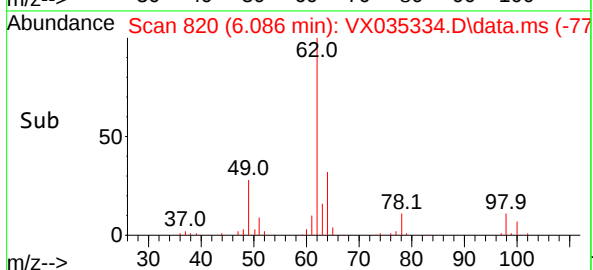
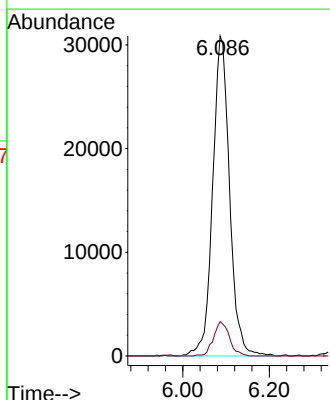
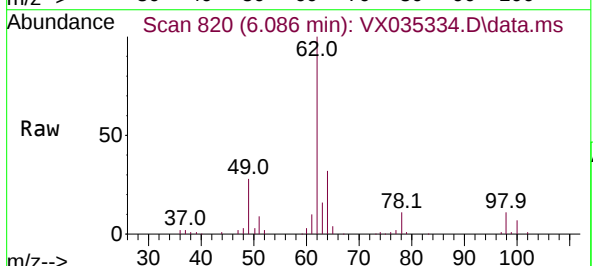
Manual Integrations
APPROVED

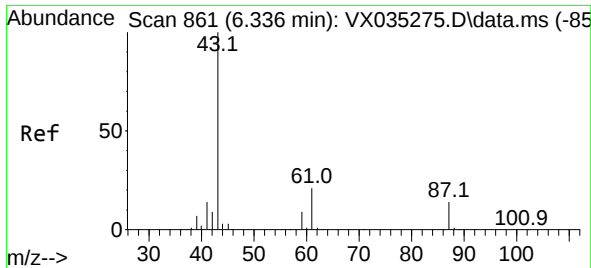
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#42
1,2-Dichloroethane
Concen: 21.552 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 62 Resp: 83531
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.0





#43

Isopropyl Acetate

Concen: 21.262 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion: 43 Resp: 123640

Ion Ratio Lower Upper

43 100

61 21.2 15.2 22.8

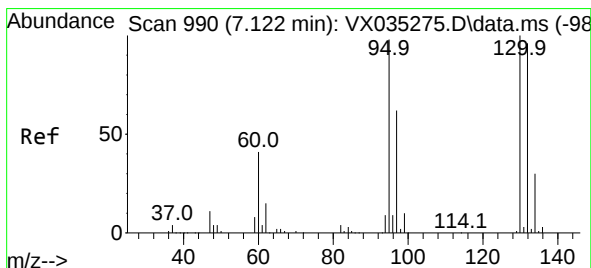
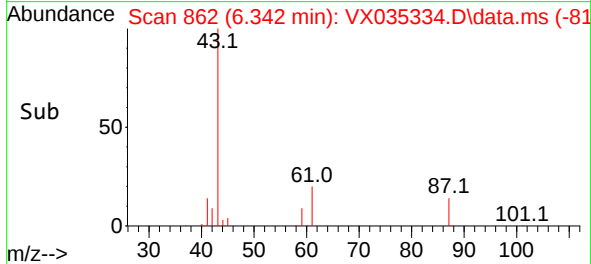
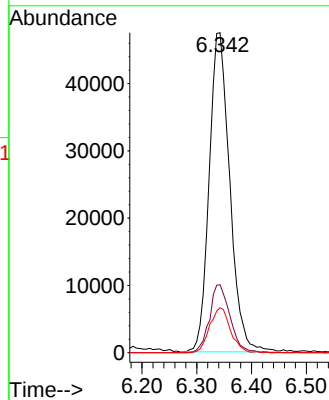
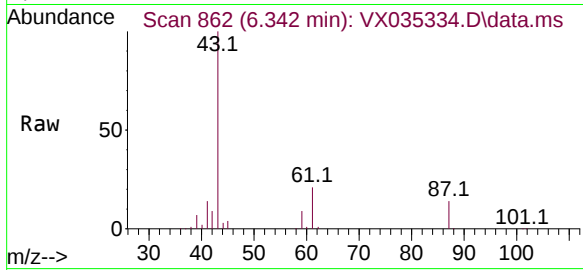
87 14.2 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Trichloroethene

Concen: 21.033 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX035334.D

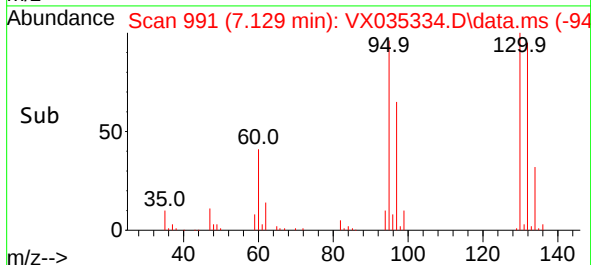
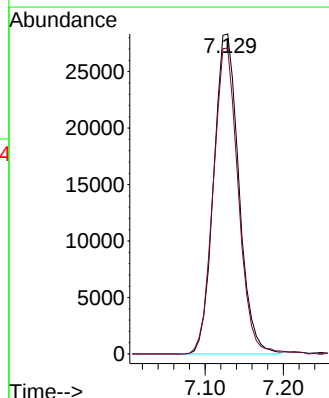
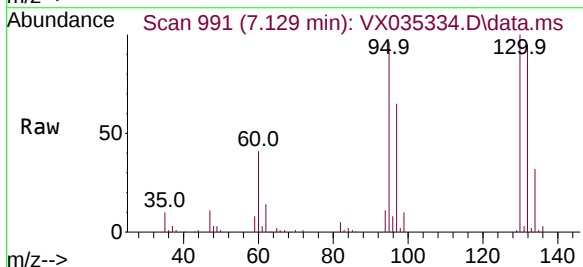
Acq: 27 Apr 2023 12:29

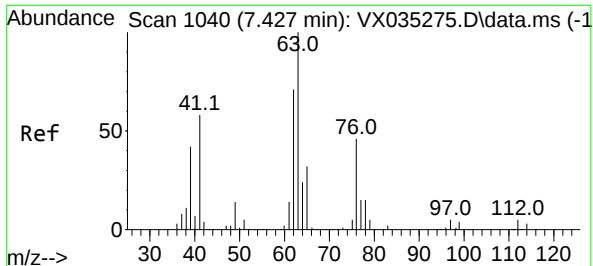
Tgt Ion:130 Resp: 62986

Ion Ratio Lower Upper

130 100

95 95.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.416 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion: 63 Resp: 5869

Ion Ratio Lower Upper

63 100

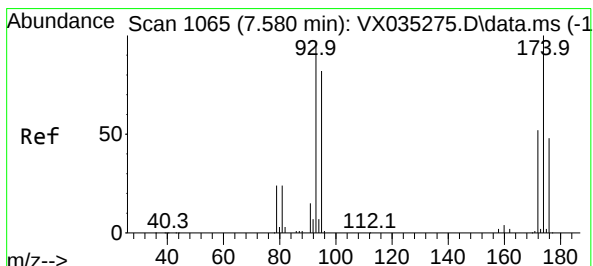
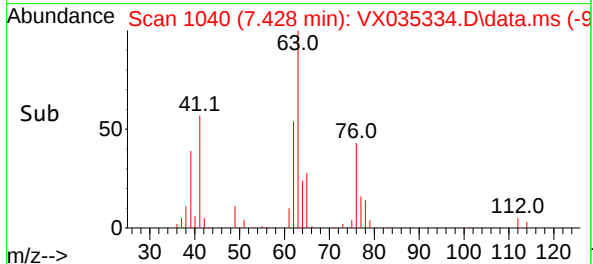
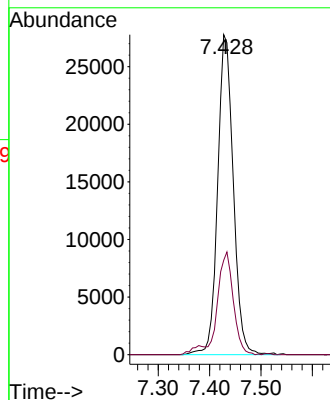
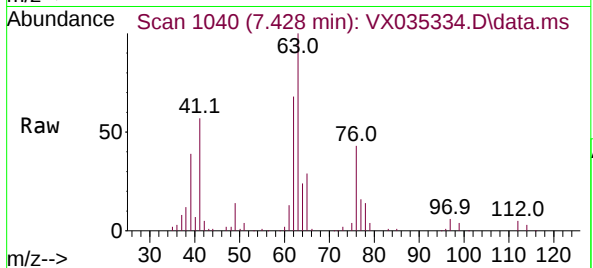
65 29.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

Dibromomethane

Concen: 20.860 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

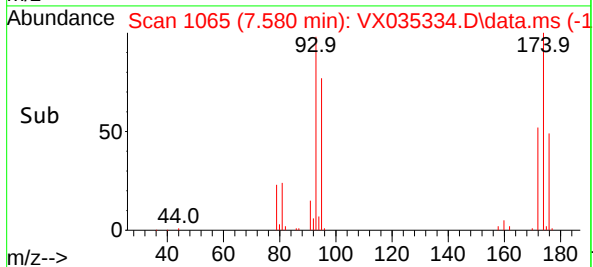
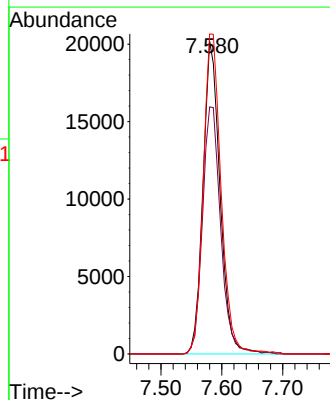
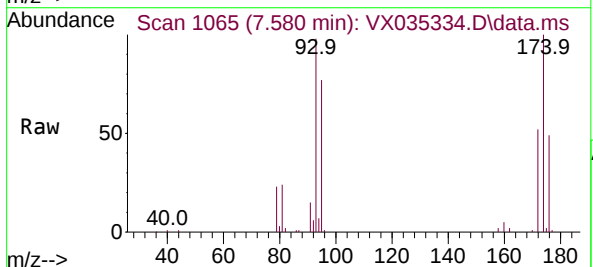
Tgt Ion: 93 Resp: 39258

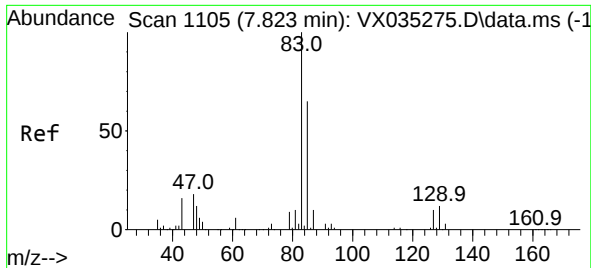
Ion Ratio Lower Upper

93 100

95 84.5 66.9 100.3

174 107.2 75.4 113.0





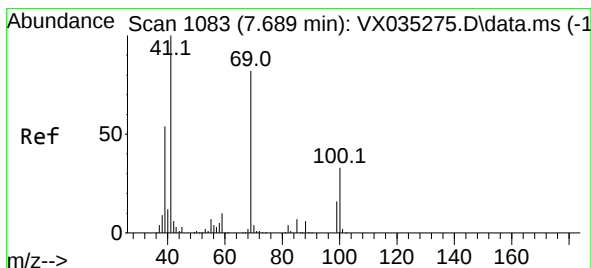
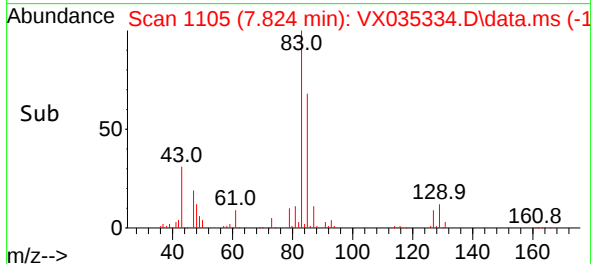
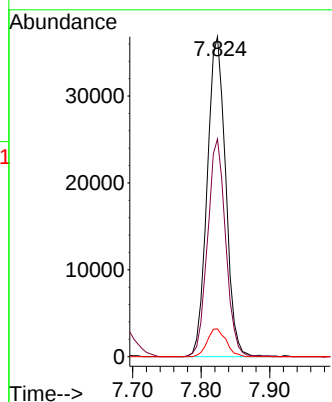
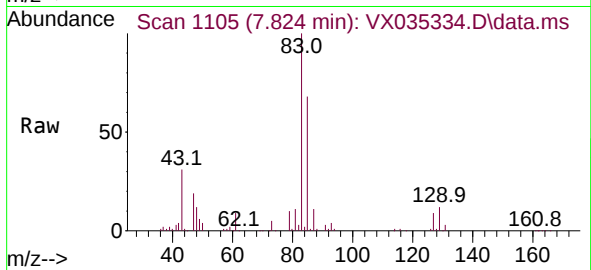
#47
Bromodichloromethane
Concen: 19.814 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion: 83 Resp: 68704
Ion Ratio Lower Upper
83 100
85 68.0 52.2 78.4
127 8.7 6.6 9.8

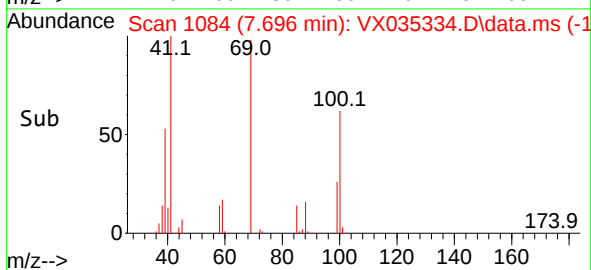
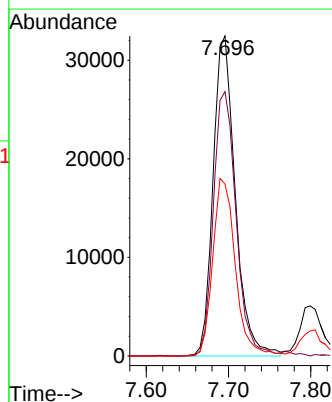
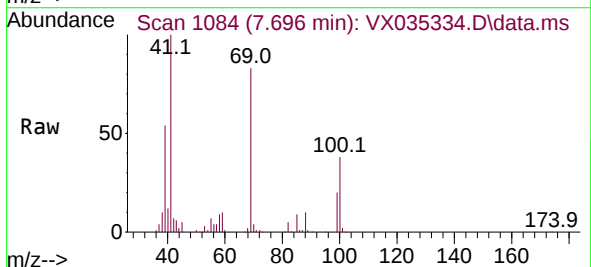
Manual Integrations
APPROVED

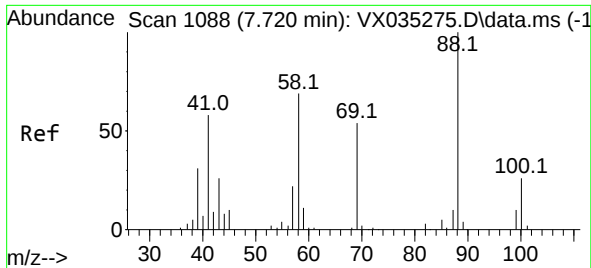
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#48
Methyl methacrylate
Concen: 21.348 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

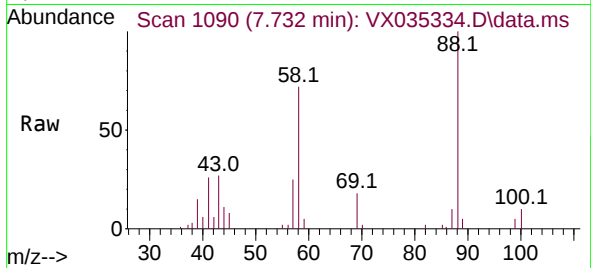
Tgt Ion: 41 Resp: 60899
Ion Ratio Lower Upper
41 100
69 84.3 62.2 93.4
39 56.5 47.7 71.5





#49
1,4-Dioxane
Concen: 430.332 ug/l
RT: 7.732 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

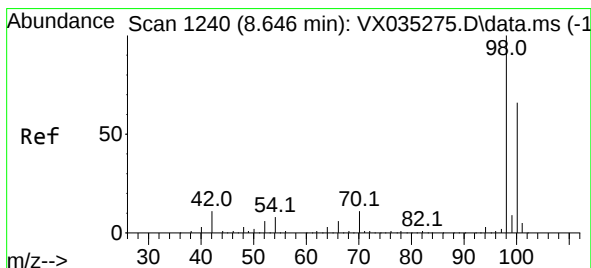
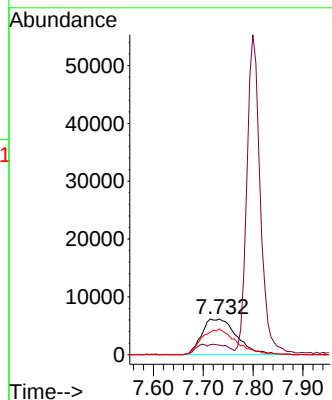
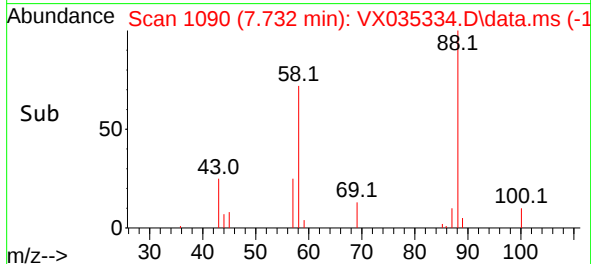
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 88 Resp: 2992
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5
58 71.6 56.8 85.2

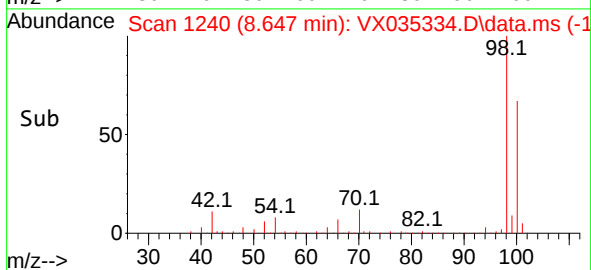
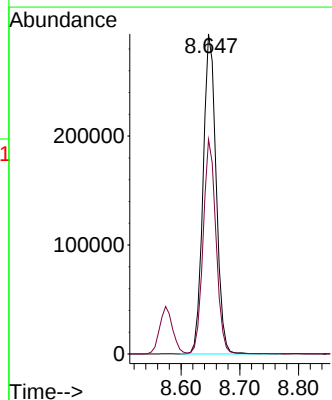
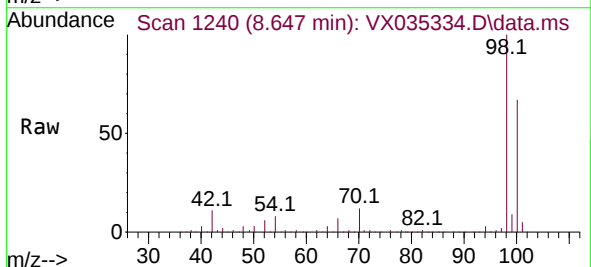
Manual Integrations
APPROVED

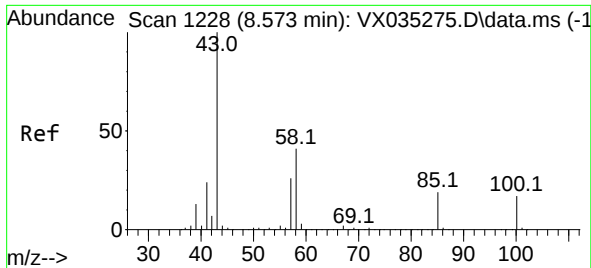
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#50
Toluene-d8
Concen: 49.573 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 98 Resp: 453827
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





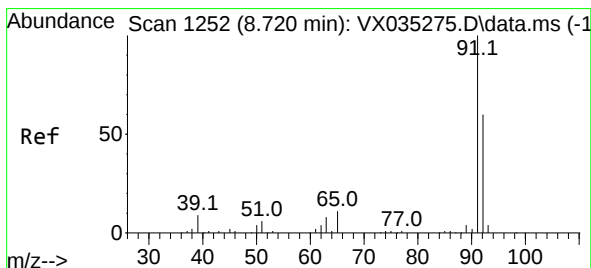
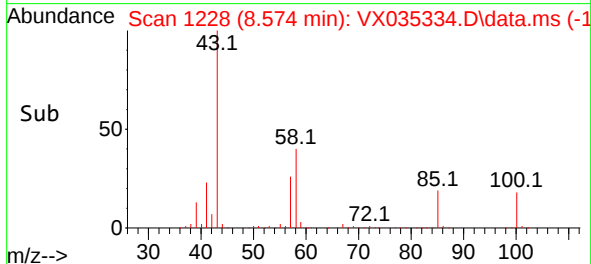
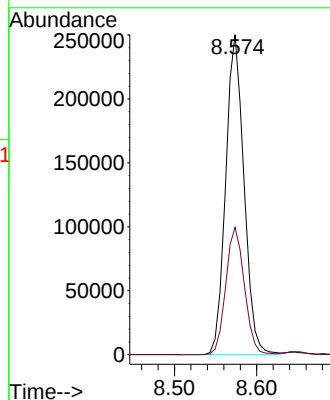
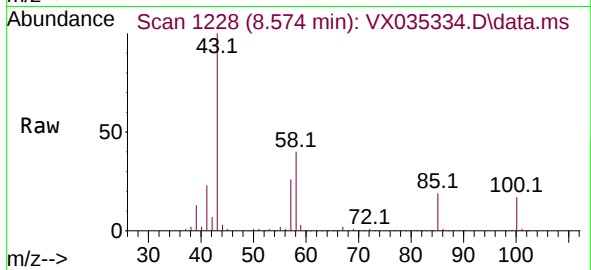
#51
4-Methyl-2-Pentanone
Concen: 108.325 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion: 43 Resp: 387028
Ion Ratio Lower Upper
43 100
58 40.3 30.6 46.0

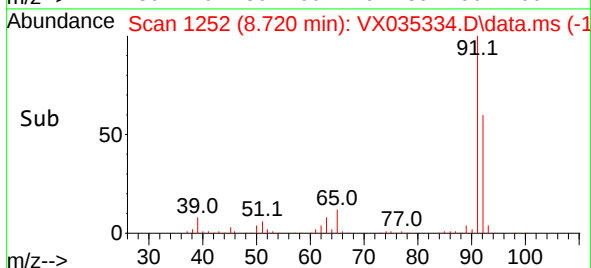
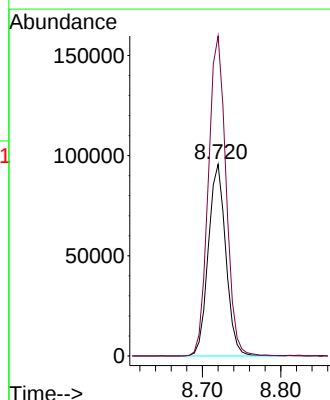
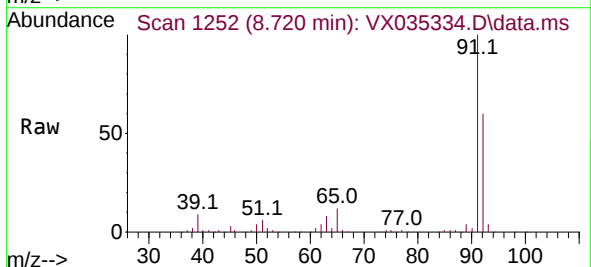
Manual Integrations
APPROVED

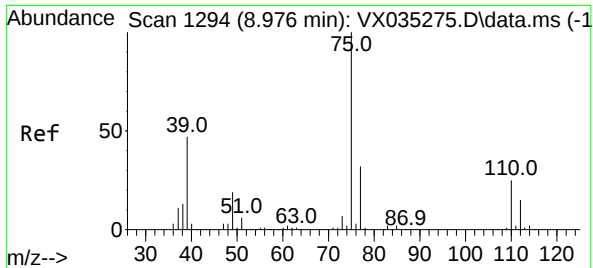
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#52
Toluene
Concen: 21.530 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 92 Resp: 148351
Ion Ratio Lower Upper
92 100
91 169.0 136.8 205.2





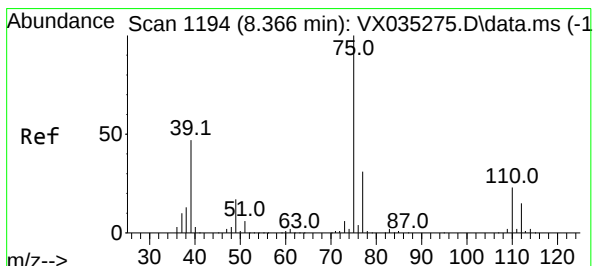
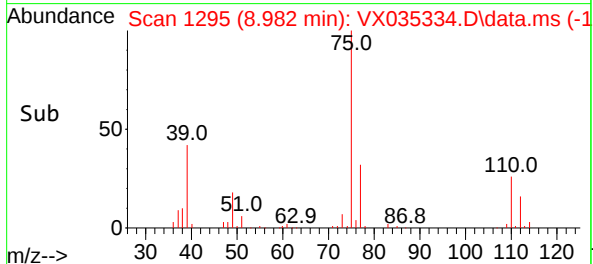
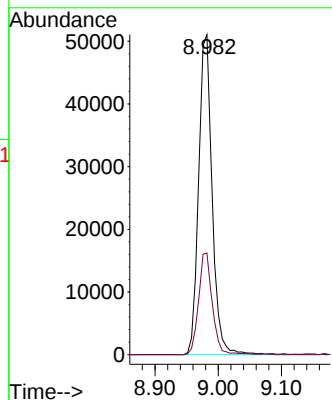
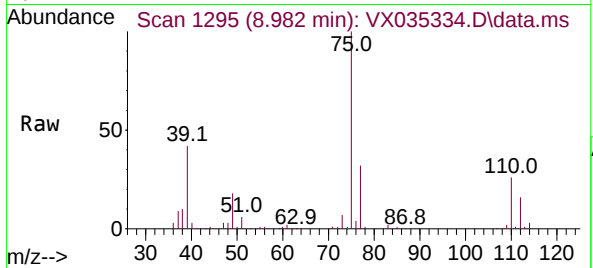
#53
 t-1,3-Dichloropropene
 Concen: 20.983 ug/l
 RT: 8.982 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VX035334.D
 Acq: 27 Apr 2023 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS02

Tgt Ion: 75 Resp: 75984
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2

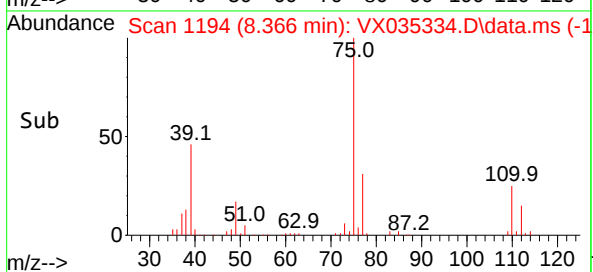
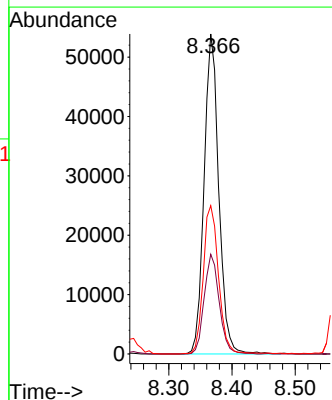
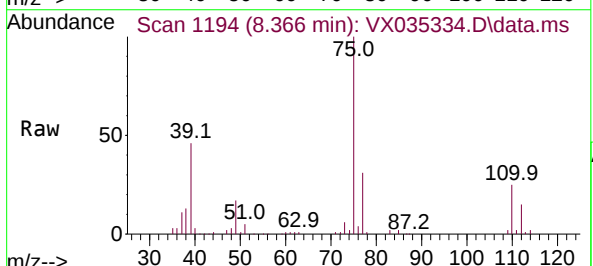
Manual Integrations
 APPROVED

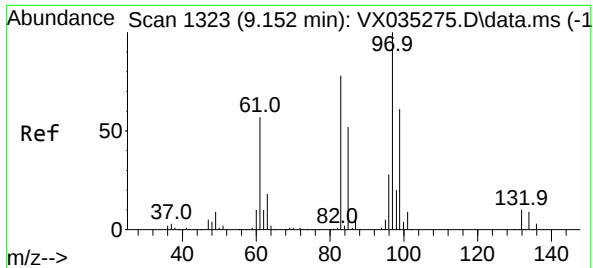
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#54
 cis-1,3-Dichloropropene
 Concen: 21.329 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035334.D
 Acq: 27 Apr 2023 12:29

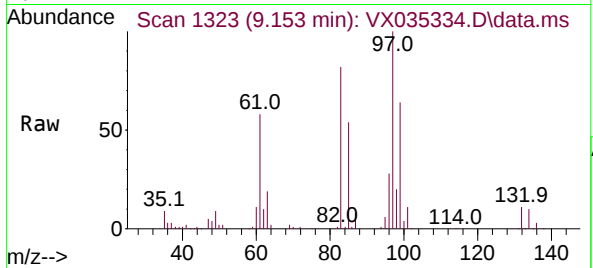
Tgt Ion: 75 Resp: 87299
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4
 39 46.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.684 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

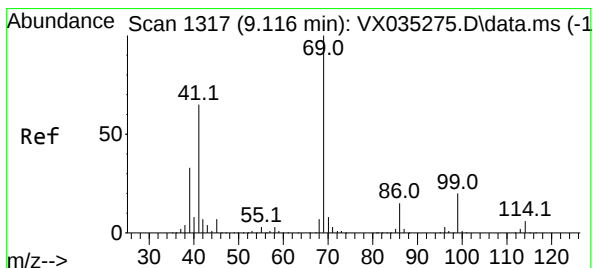
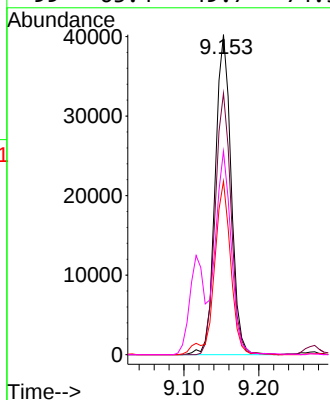
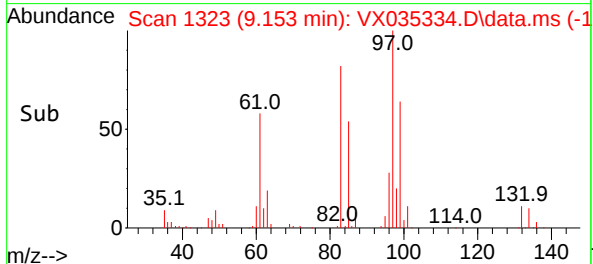


Tgt Ion: 97 Resp: 59564

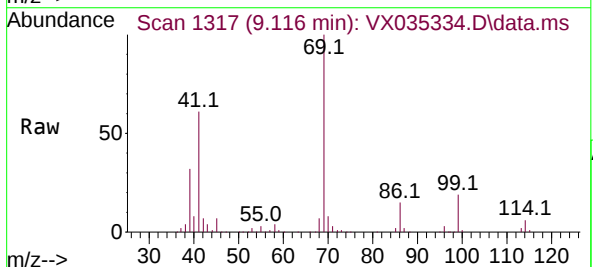
Ion	Ratio	Lower	Upper
97	100		
83	81.7	69.7	104.5
85	54.2	43.7	65.5
99	63.4	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

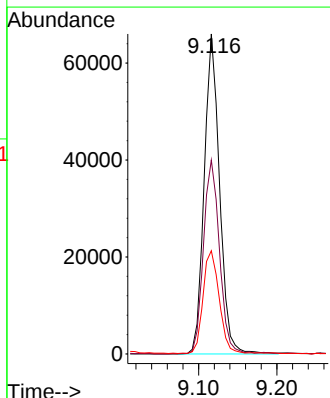
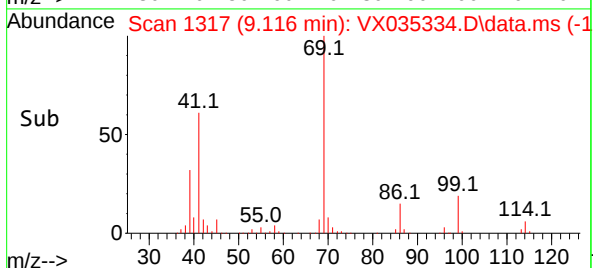


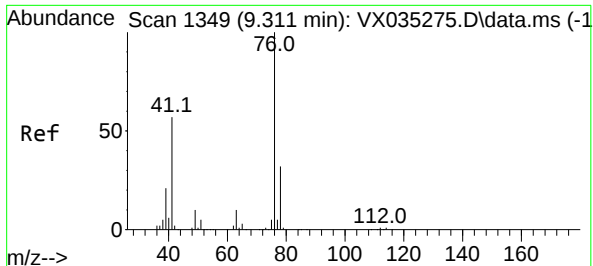
#56
Ethyl methacrylate
Concen: 21.956 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29



Tgt Ion: 69 Resp: 89840

Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.4	86.0
39	34.9	33.7	50.5





#57

1,3-Dichloropropane

Concen: 21.167 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion: 76 Resp: 9944

Ion Ratio Lower Upper

76 100

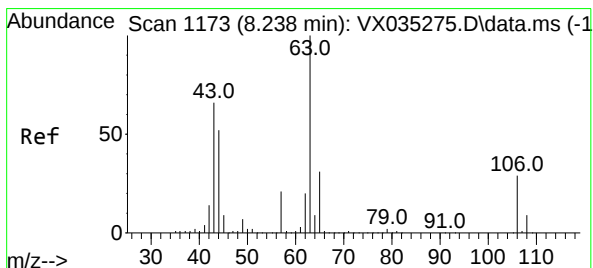
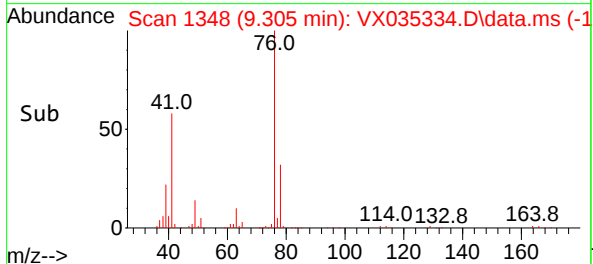
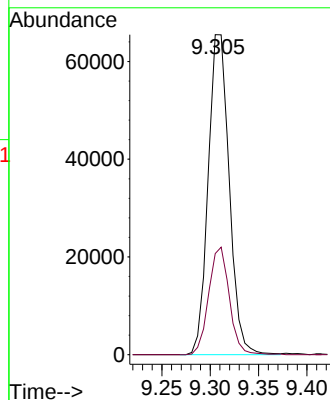
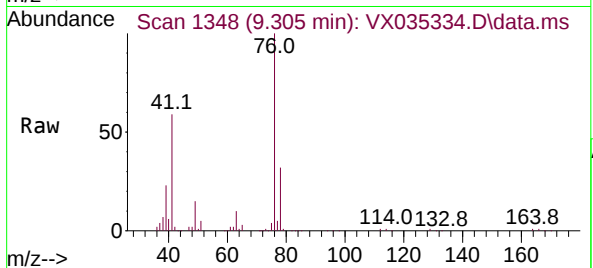
78 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.901 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035334.D

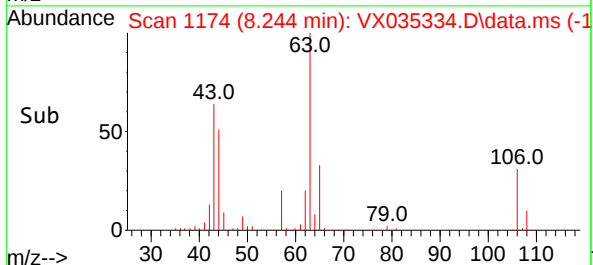
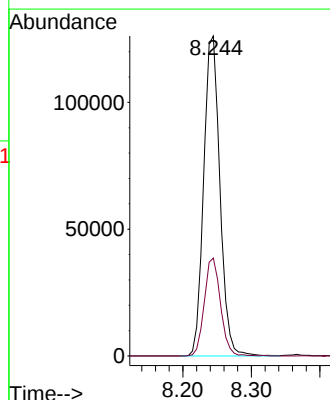
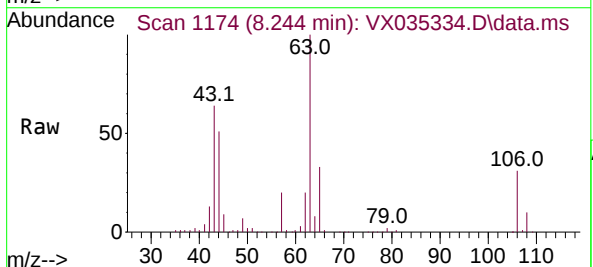
Acq: 27 Apr 2023 12:29

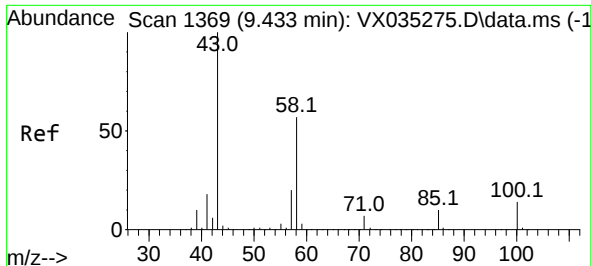
Tgt Ion: 63 Resp: 208491

Ion Ratio Lower Upper

63 100

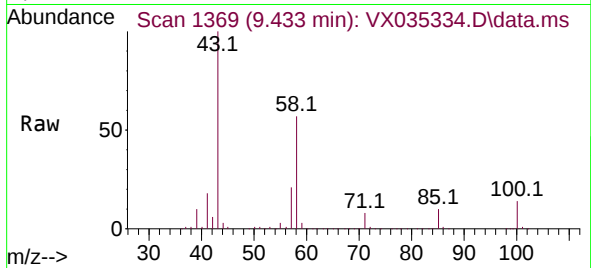
106 30.5 22.2 33.2





#59
2-Hexanone
Concen: 108.103 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

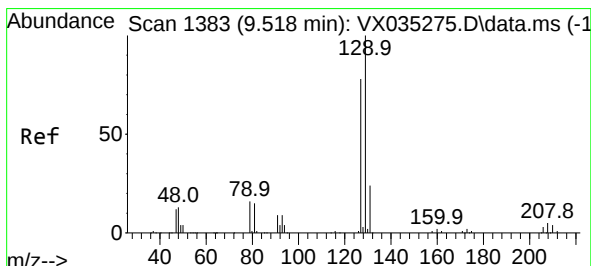
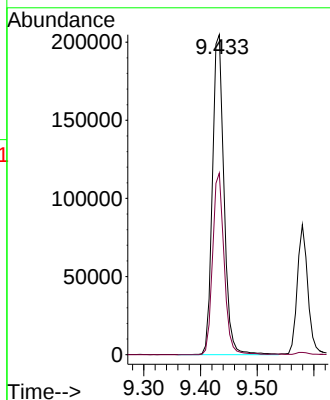
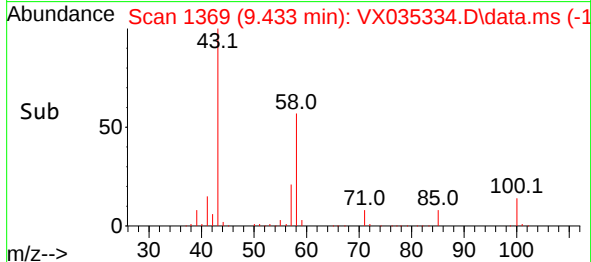
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion: 43 Resp: 290159
Ion Ratio Lower Upper
43 100
58 56.5 26.3 78.9

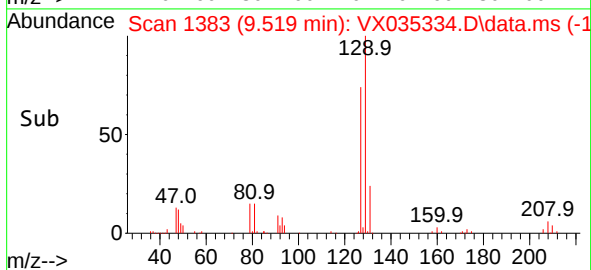
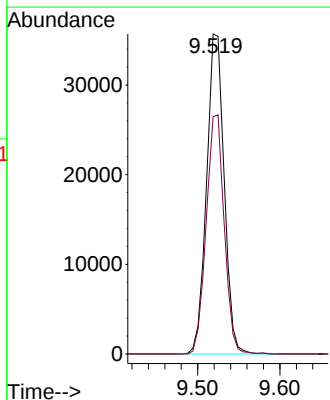
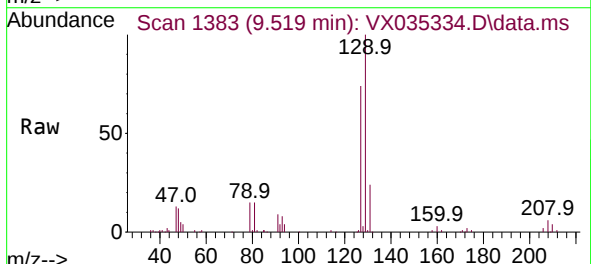
Manual Integrations
APPROVED

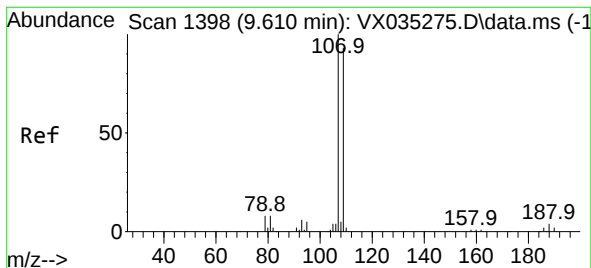
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
Dibromochloromethane
Concen: 20.163 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

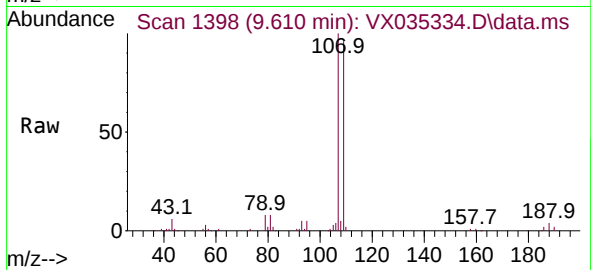
Tgt Ion:129 Resp: 53066
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0





#61
1,2-Dibromoethane
Concen: 21.510 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

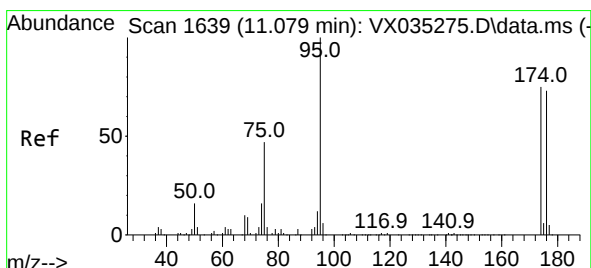
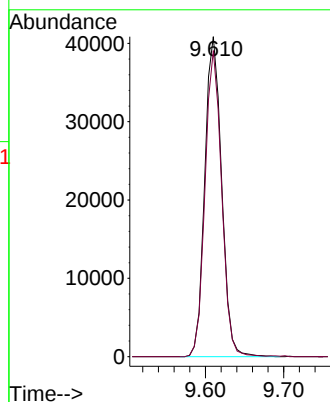
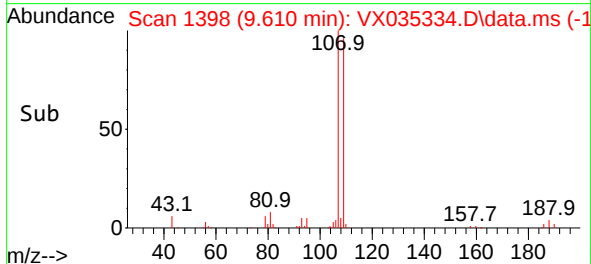
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



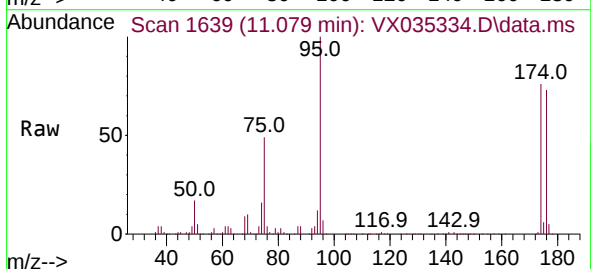
Tgt Ion:107 Resp: 6091
Ion Ratio Lower Upper
107 100
109 94.2 75.3 112.9

Manual Integrations
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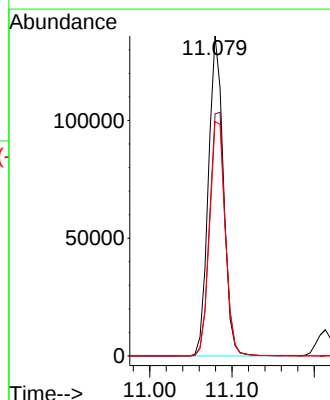
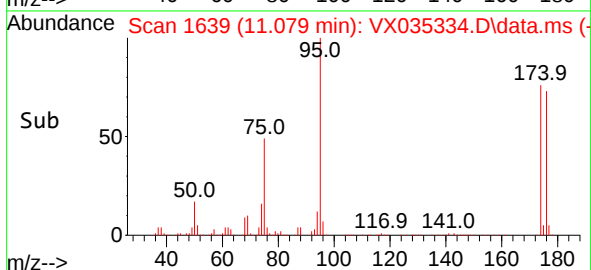
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

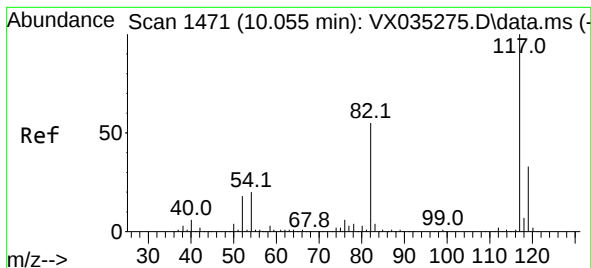


#62
4-Bromofluorobenzene
Concen: 50.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29



Tgt Ion: 95 Resp: 172238
Ion Ratio Lower Upper
95 100
174 79.7 0.0 147.4
176 76.5 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: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion:117 Resp: 353840

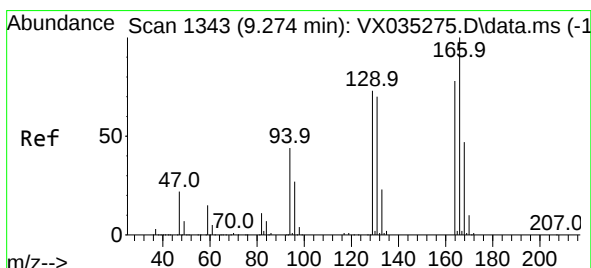
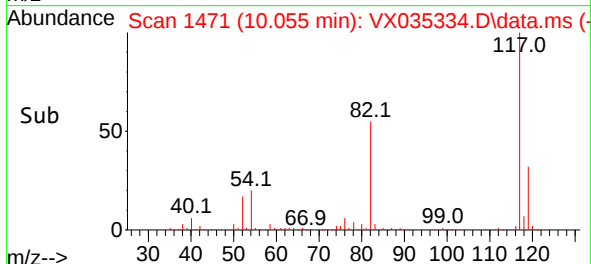
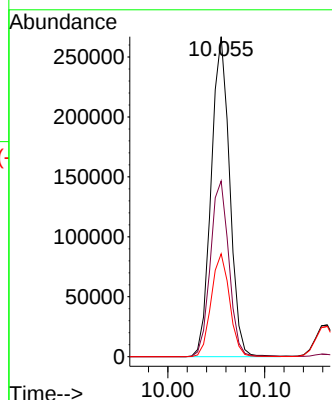
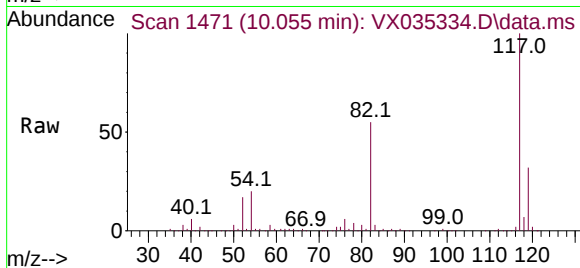
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	32.2	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#64

Tetrachloroethene

Concen: 21.566 ug/l

RT: 9.275 min Scan# 1343

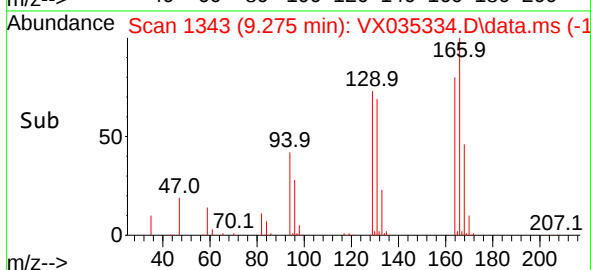
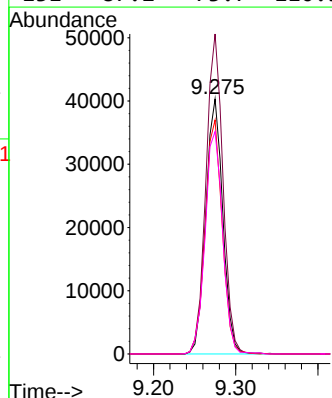
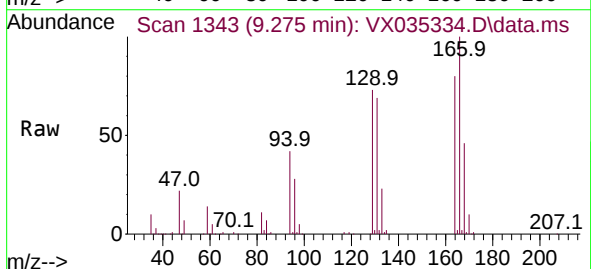
Delta R.T. 0.001 min

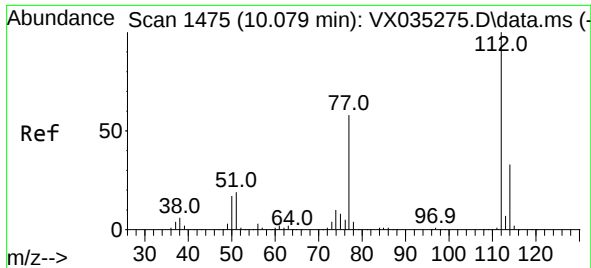
Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Tgt Ion:164 Resp: 58427

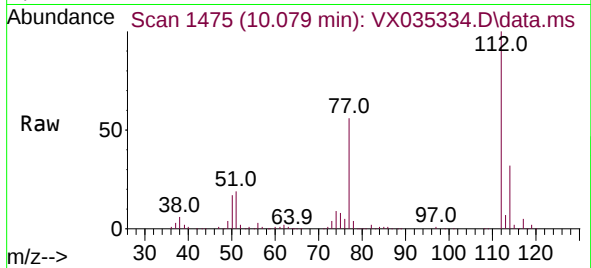
Ion	Ratio	Lower	Upper
164	100		
166	125.5	102.7	154.1
129	91.7	75.6	113.4
131	87.2	73.7	110.5





#65
Chlorobenzene
Concen: 20.734 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

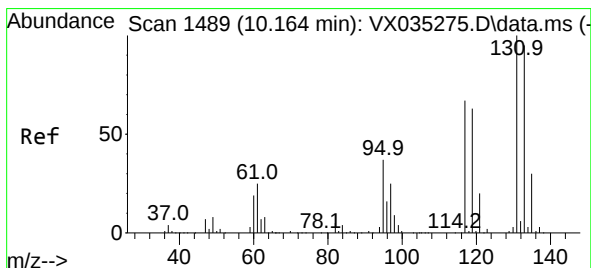
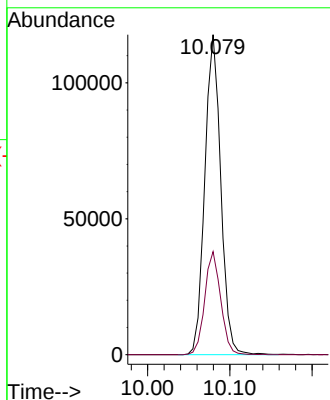
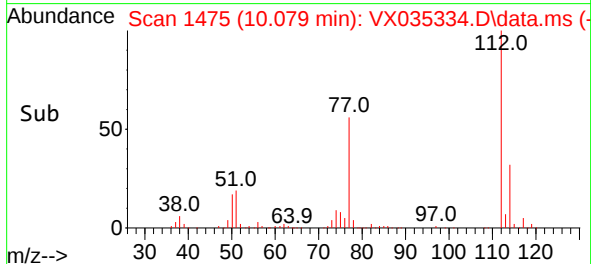
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



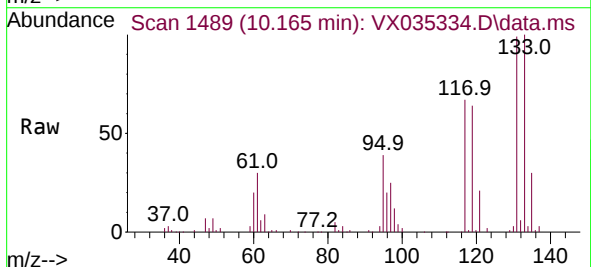
Tgt Ion:112 Resp: 158720
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

Manual Integrations
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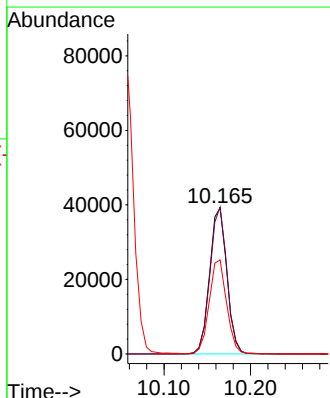
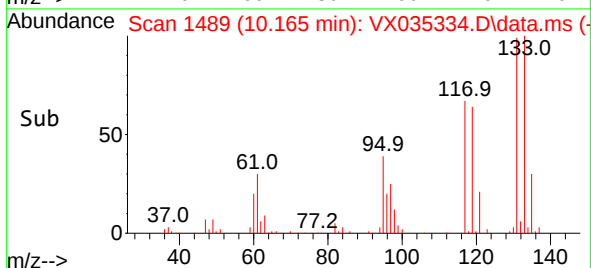
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

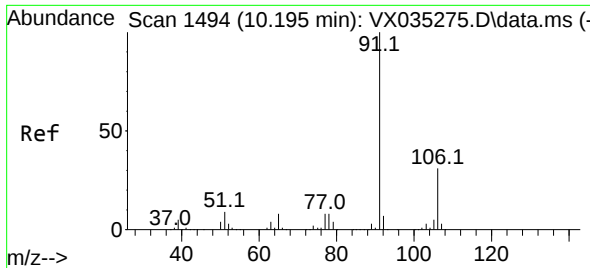


#66
1,1,1,2-Tetrachloroethane
Concen: 20.364 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29



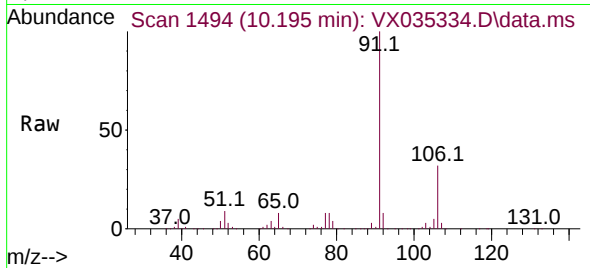
Tgt Ion:131 Resp: 54256
Ion Ratio Lower Upper
131 100
133 98.8 47.1 141.4
119 65.2 32.6 98.0





#67
Ethyl Benzene
Concen: 21.281 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

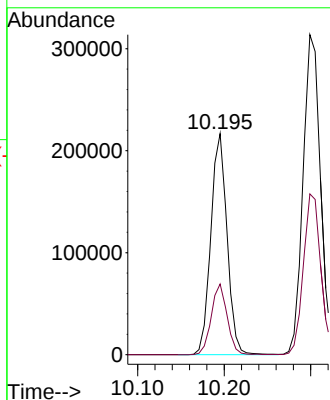
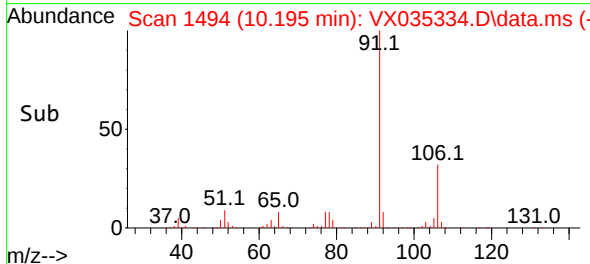
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



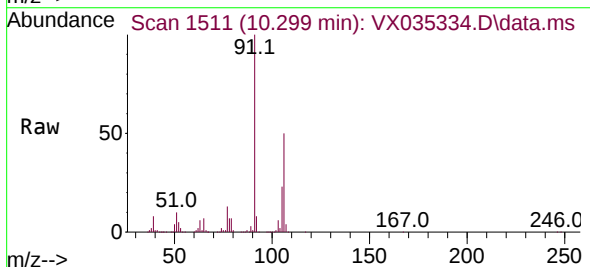
Tgt Ion: 91 Resp: 282130
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4

Manual Integrations
APPROVED

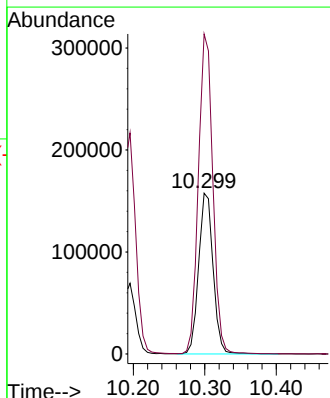
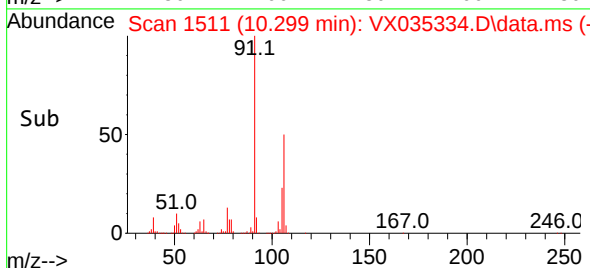
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

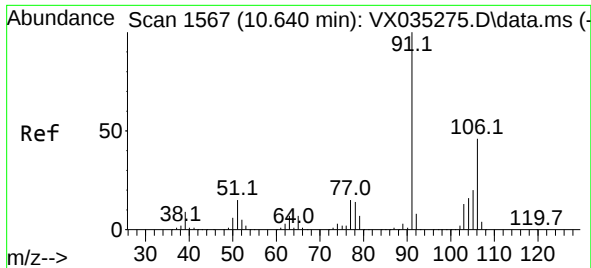


#68
m/p-Xylenes
Concen: 43.569 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29



Tgt Ion:106 Resp: 221332
Ion Ratio Lower Upper
106 100
91 199.0 164.0 246.0





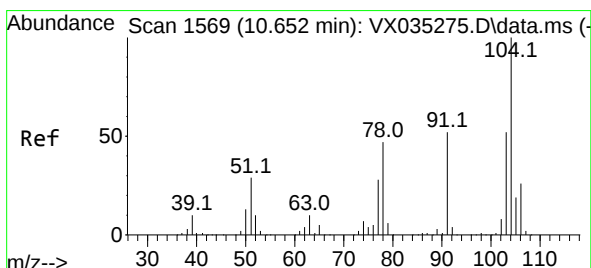
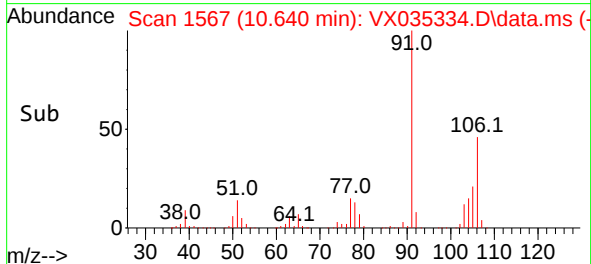
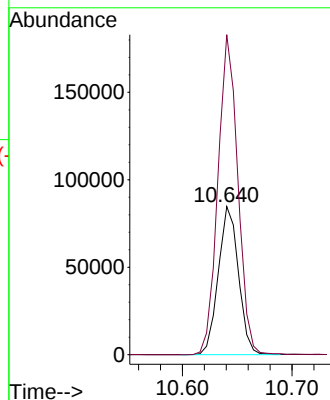
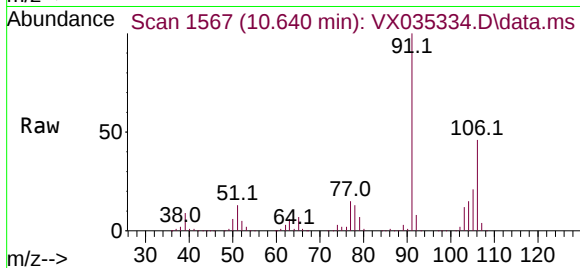
#69
o-Xylene
Concen: 21.793 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion:106 Resp: 10856
Ion Ratio Lower Upper
106 100
91 213.3 108.5 325.3

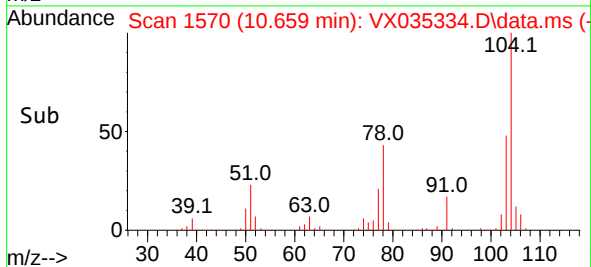
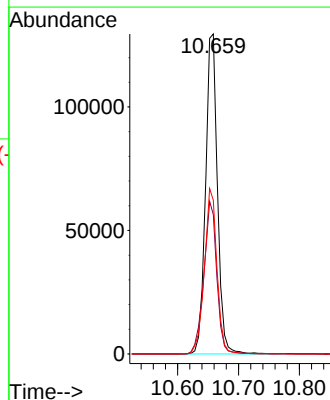
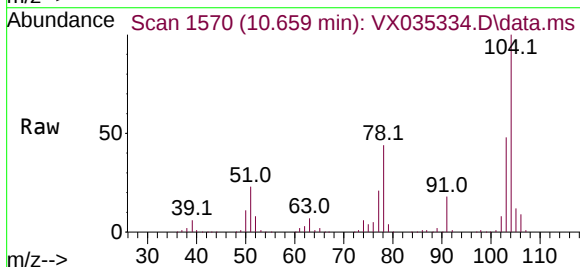
Manual Integrations
APPROVED

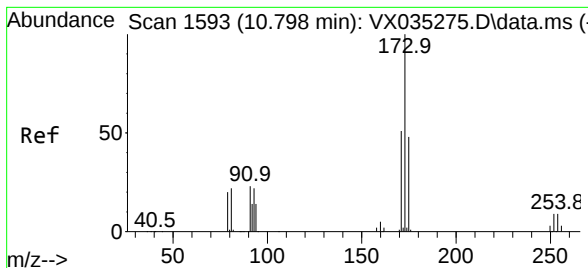
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
Styrene
Concen: 21.843 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

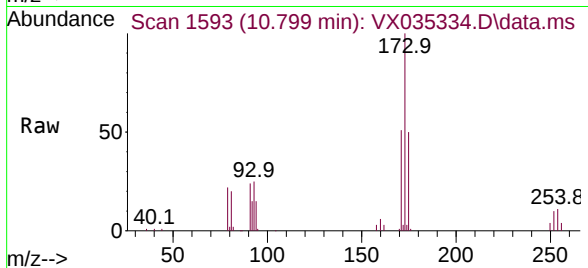
Tgt Ion:104 Resp: 176420
Ion Ratio Lower Upper
104 100
78 51.6 43.4 65.2
103 54.5 44.2 66.2





#71
Bromoform
Concen: 18.896 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

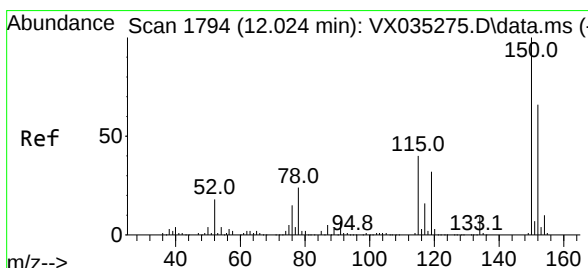
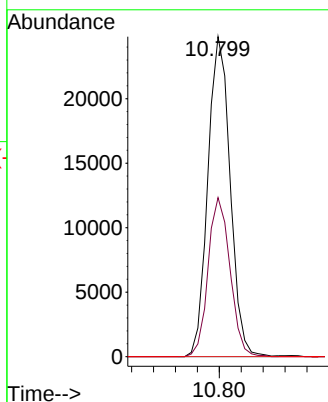
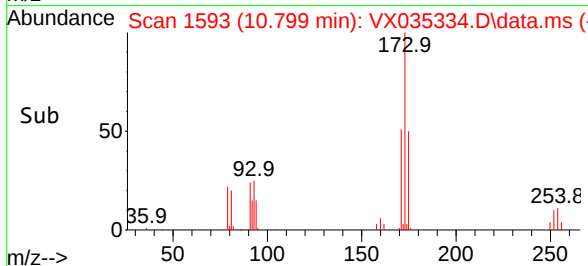
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



Tgt Ion:173 Resp: 35017
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.1 0.1

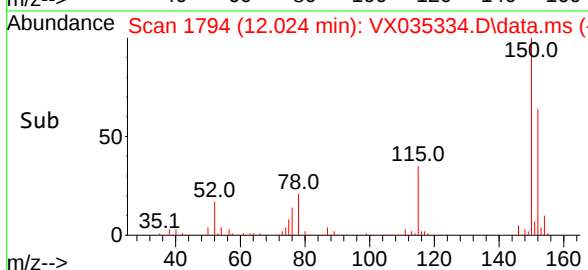
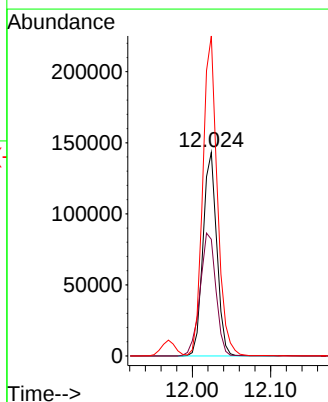
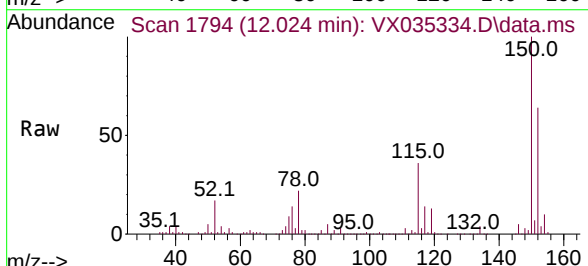
Manual Integrations
APPROVED

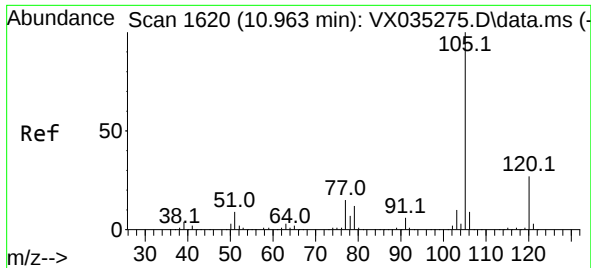
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

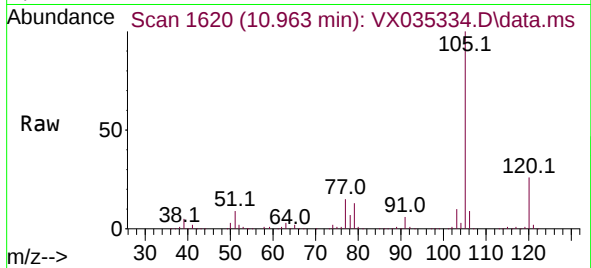
Tgt Ion:152 Resp: 175218
Ion Ratio Lower Upper
152 100
115 69.1 45.0 135.0
150 164.5 0.0 352.4





#73
Isopropylbenzene
Concen: 21.743 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

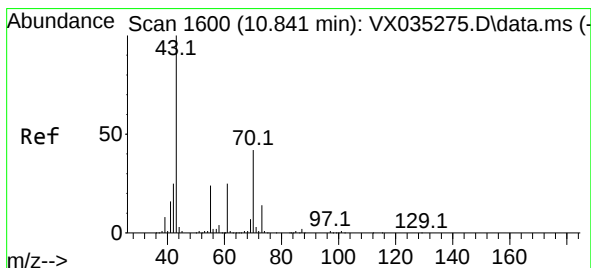
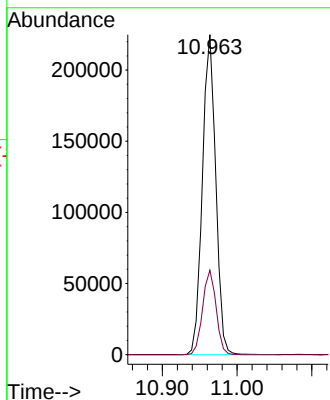
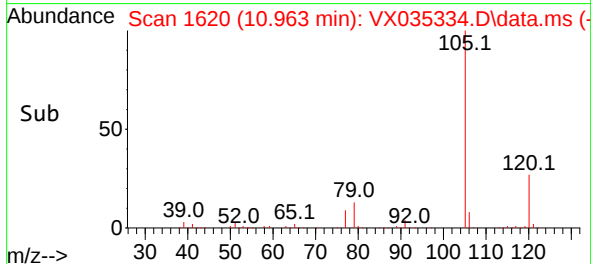
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



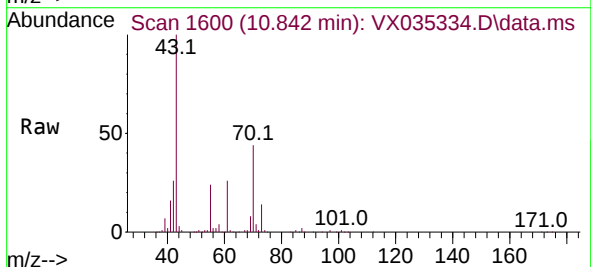
Tgt Ion:105 Resp: 27849
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

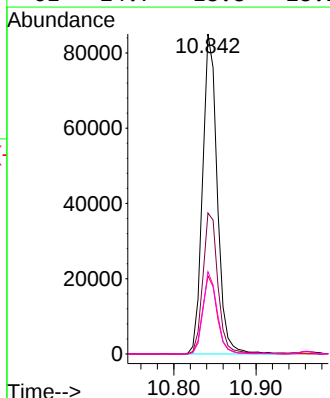
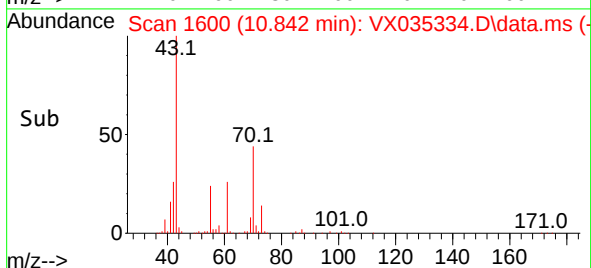
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

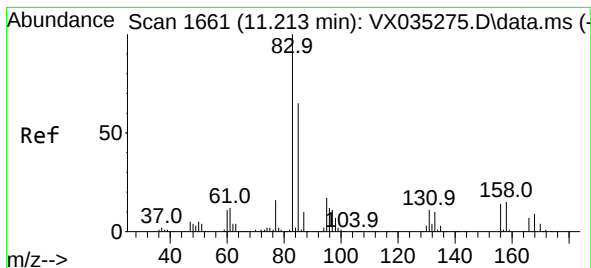


#74
N-ethyl acetate
Concen: 21.967 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29



Tgt Ion: 43 Resp: 105738
Ion Ratio Lower Upper
43 100
70 45.3 32.1 48.1
55 24.5 18.3 27.5
61 24.7 18.8 28.2





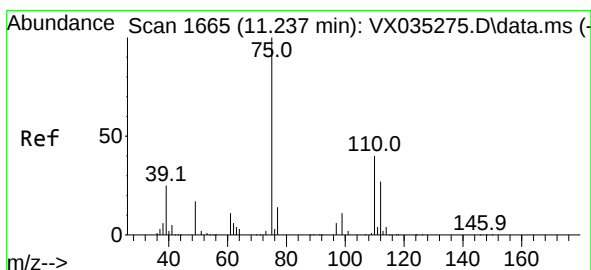
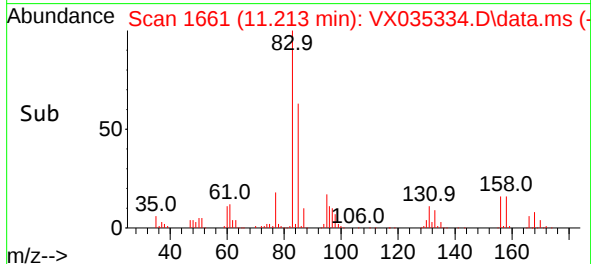
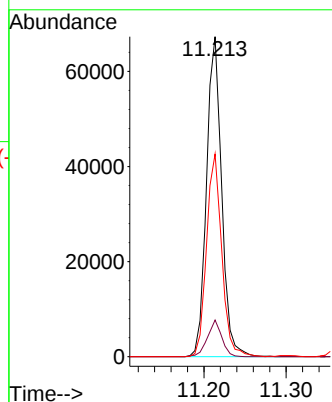
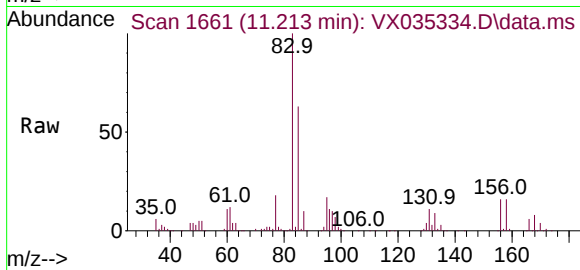
#75
1,1,2,2-Tetrachloroethane
Concen: 21.633 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion: 83 Resp: 86000
Ion Ratio Lower Upper
83 100
131 10.9 4.8 14.3
85 63.8 32.0 96.0

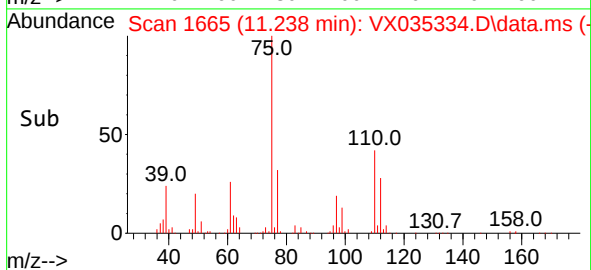
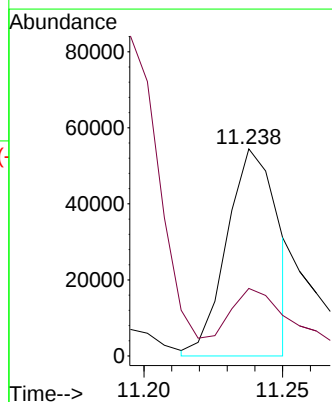
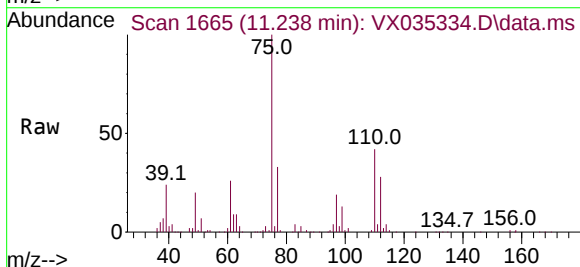
Manual Integrations
APPROVED

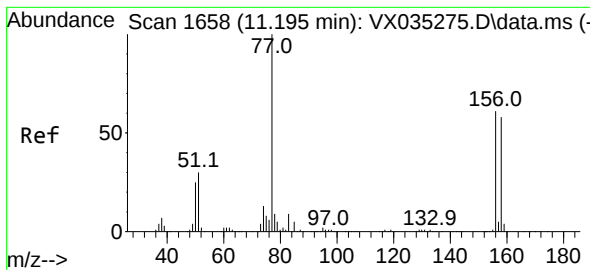
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#76
1,2,3-Trichloropropane
Concen: 19.944 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

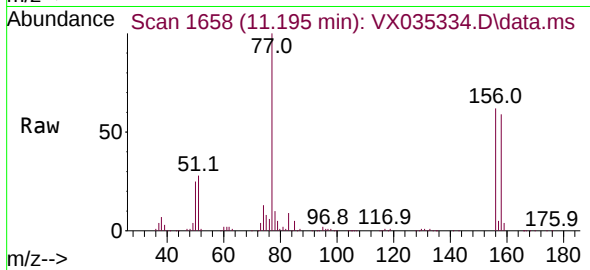
Tgt Ion: 75 Resp: 69710
Ion Ratio Lower Upper
75 100
77 43.0 21.6 64.8





#77
Bromobenzene
Concen: 21.921 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

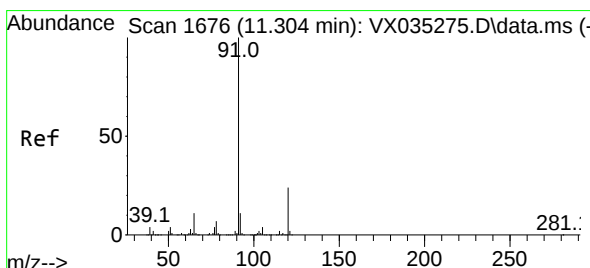
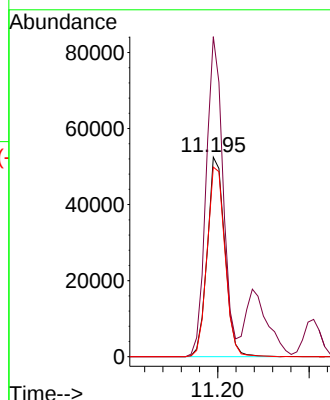
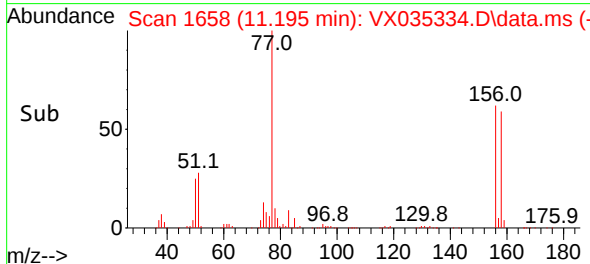
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



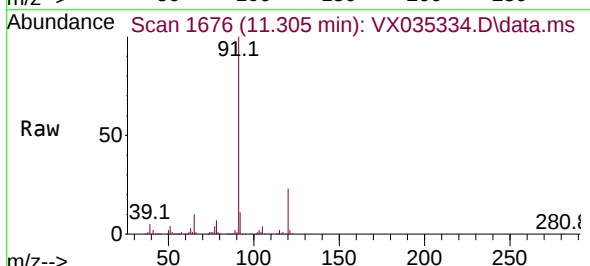
Tgt Ion:156 Resp: 69792
Ion Ratio Lower Upper
156 100
77 154.0 86.7 259.9
158 96.8 48.0 144.0

Manual Integrations
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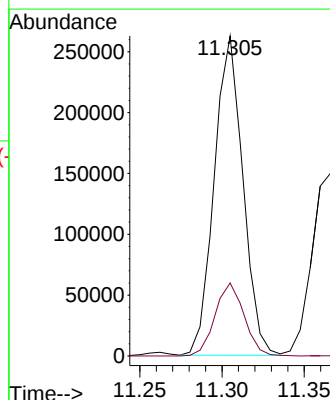
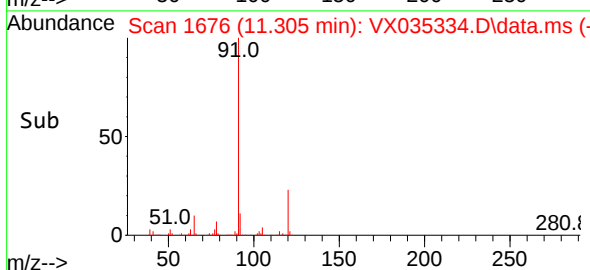
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

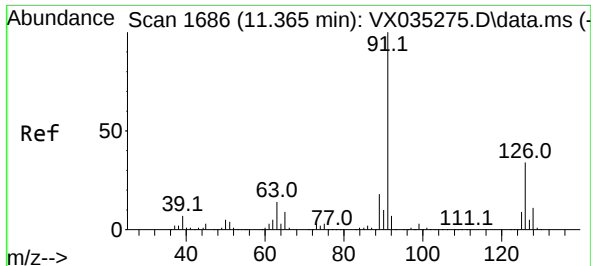


#78
n-propylbenzene
Concen: 21.636 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29



Tgt Ion: 91 Resp: 318263
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





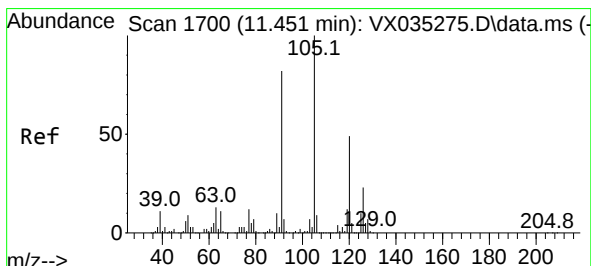
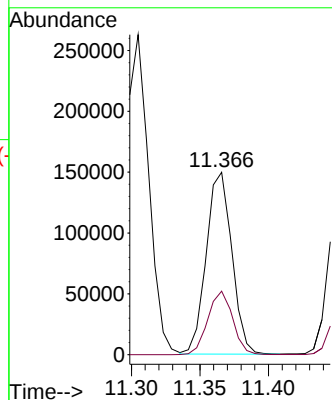
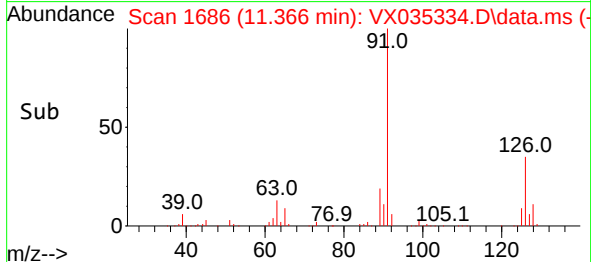
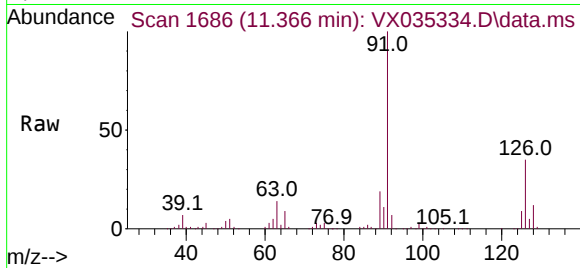
#79
2-Chlorotoluene
Concen: 21.152 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion: 91 Resp: 19442
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.9

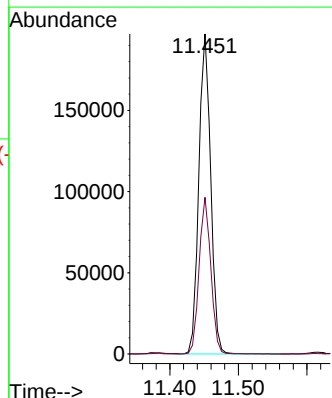
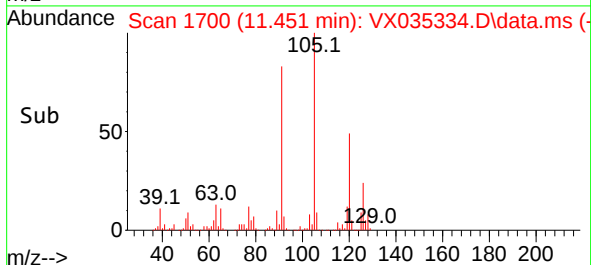
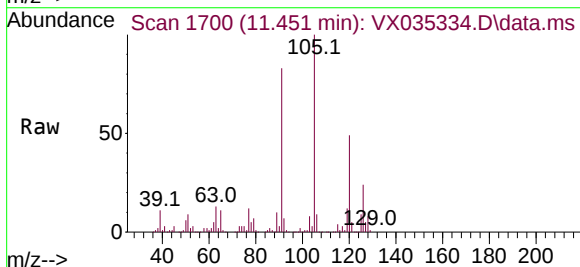
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.007 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion:105 Resp: 237670
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





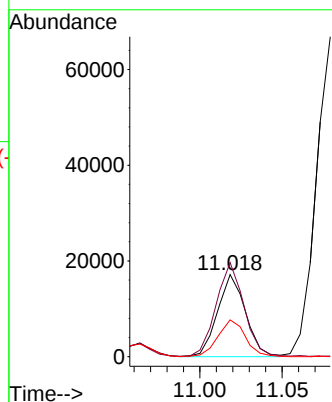
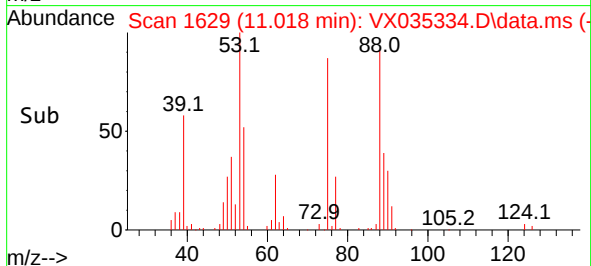
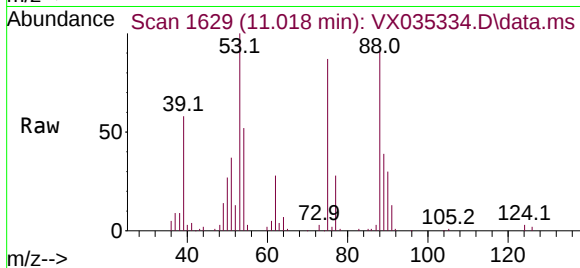
#81
trans-1,4-Dichloro-2-butene
Concen: 18.817 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02

Tgt Ion: 75 Resp: 20307
Ion Ratio Lower Upper
75 100
53 113.4 82.6 124.0
89 44.2 36.9 55.3

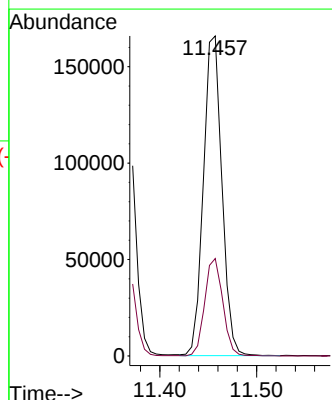
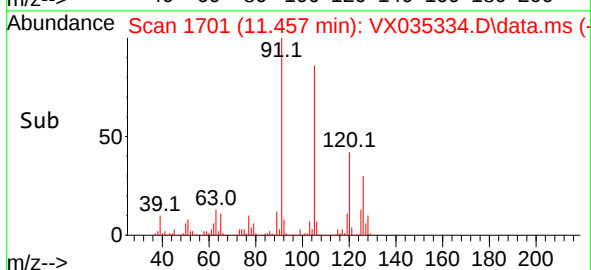
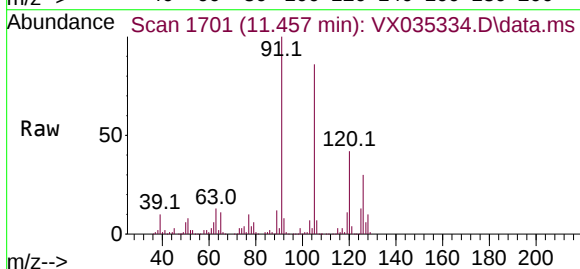
Manual Integrations
APPROVED

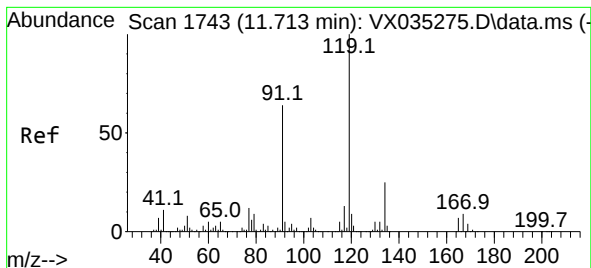
Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
4-Chlorotoluene
Concen: 21.385 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

Tgt Ion: 91 Resp: 220785
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 21.265 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion:119 Resp: 23042

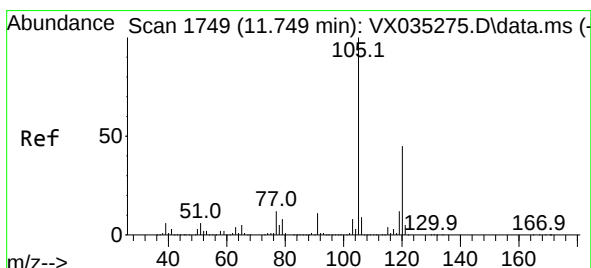
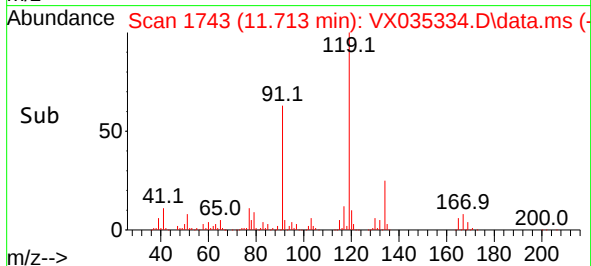
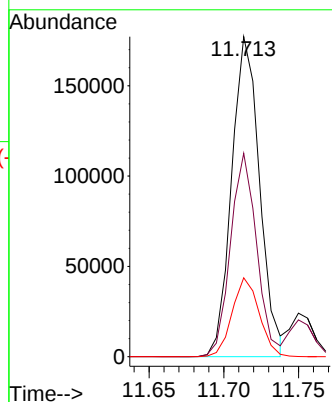
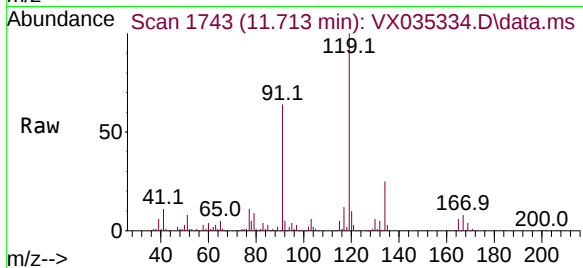
Ion	Ratio	Lower	Upper
119	100		
91	59.7	30.6	92.0
134	23.9	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#84

1,2,4-Trimethylbenzene

Concen: 21.986 ug/l

RT: 11.750 min Scan# 1749

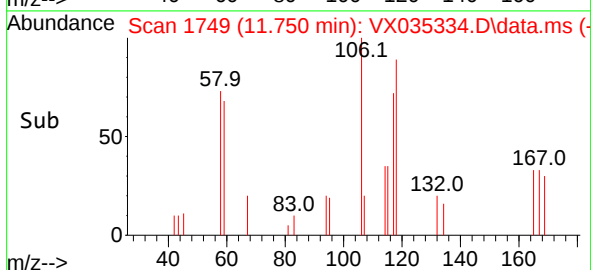
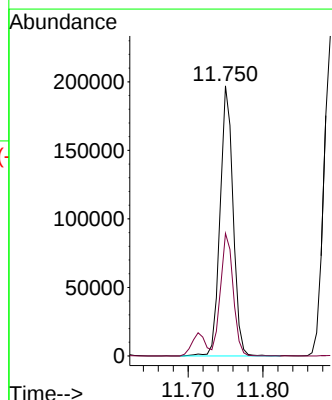
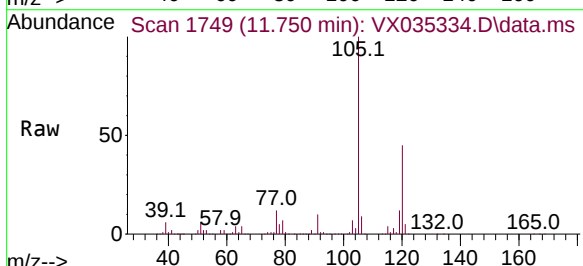
Delta R.T. 0.001 min

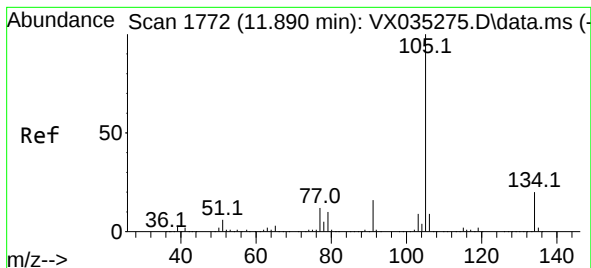
Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Tgt Ion:105 Resp: 238575

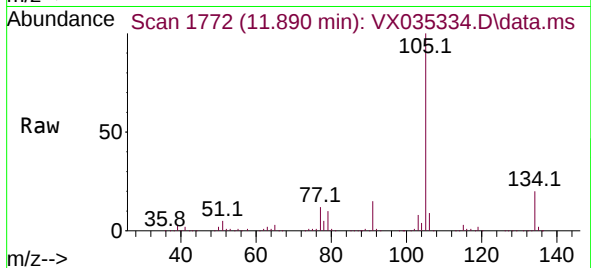
Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 21.203 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035334.D
 Acq: 27 Apr 2023 12:29

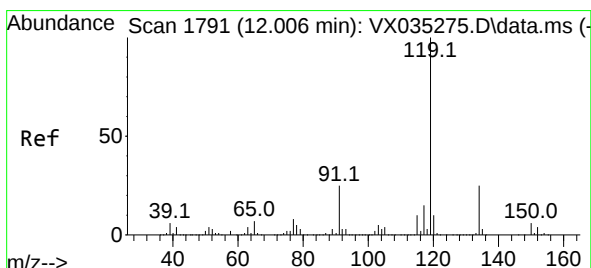
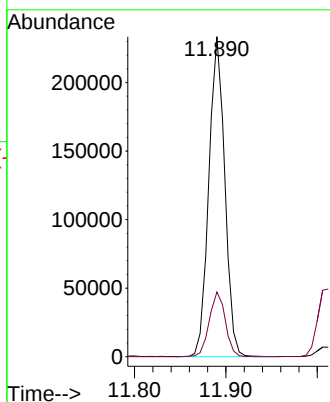
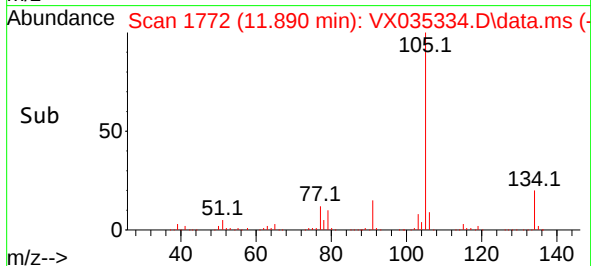
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBS02



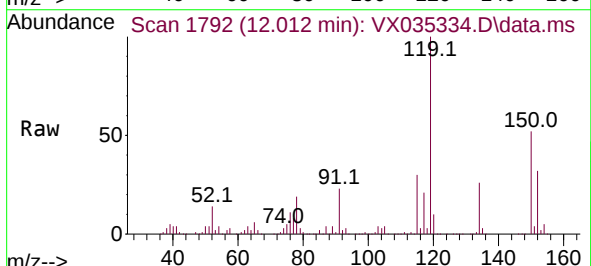
Tgt Ion:105 Resp: 281822
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

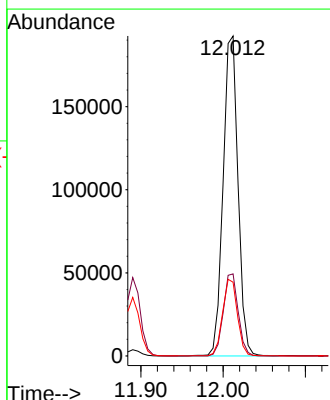
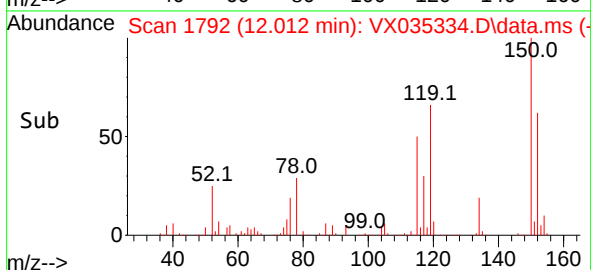
Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

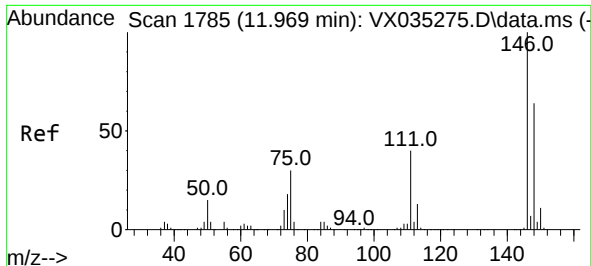


#86
 p-Isopropyltoluene
 Concen: 21.480 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035334.D
 Acq: 27 Apr 2023 12:29



Tgt Ion:119 Resp: 242822
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 23.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 21.087 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035334.D

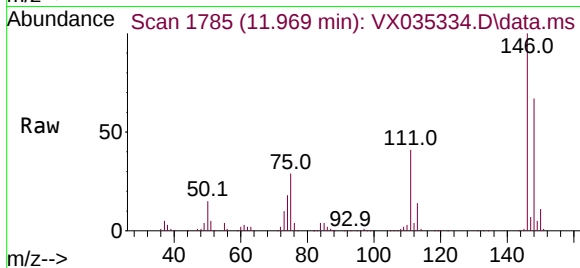
Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02



Tgt Ion:146 Resp: 127592

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

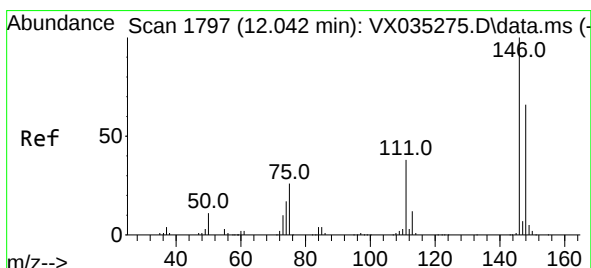
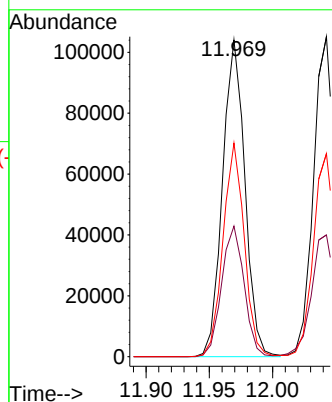
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#88

1,4-Dichlorobenzene

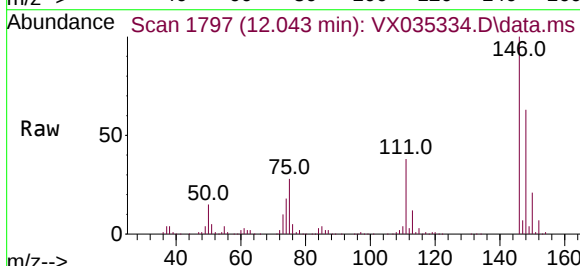
Concen: 20.505 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29



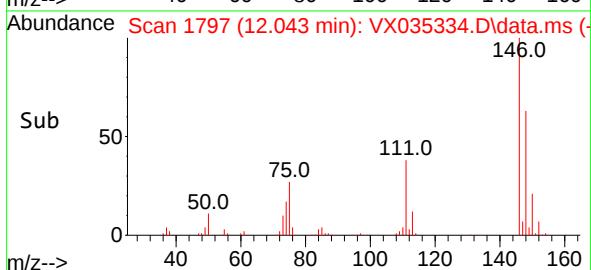
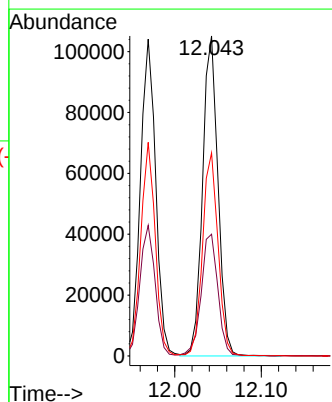
Tgt Ion:146 Resp: 130079

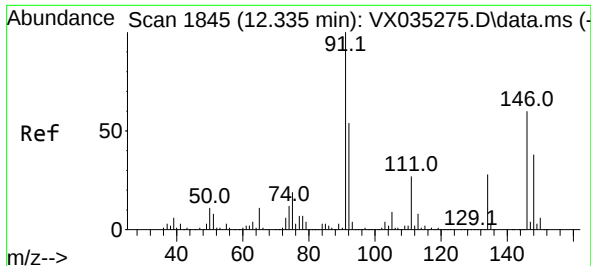
Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 20.469 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion: 91 Resp: 195339

Ion Ratio Lower Upper

91 100

92 54.9 27.7 83.0

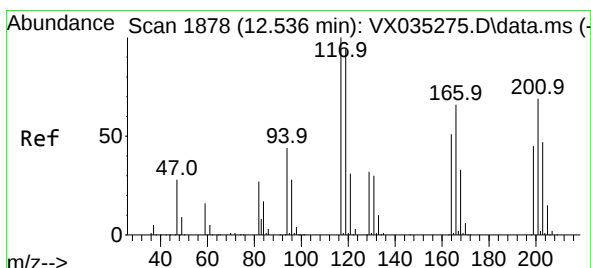
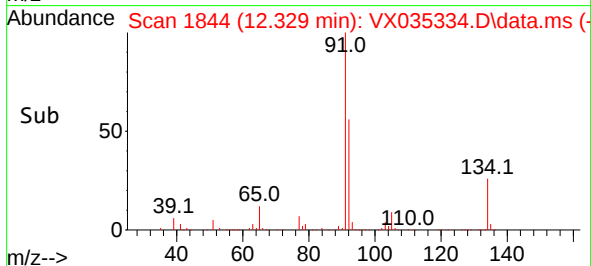
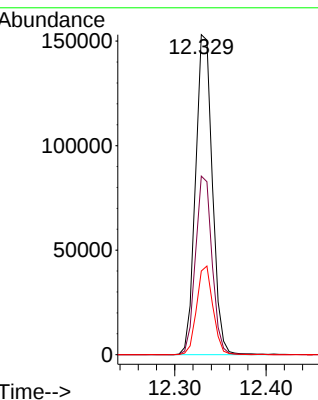
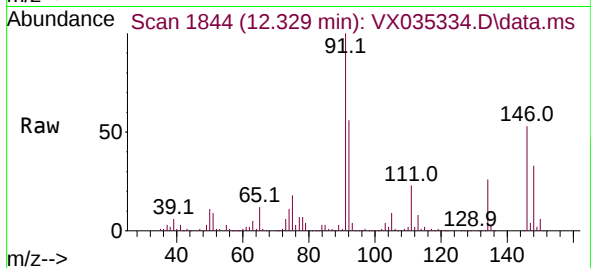
134 26.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#90

Hexachloroethane

Concen: 19.593 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035334.D

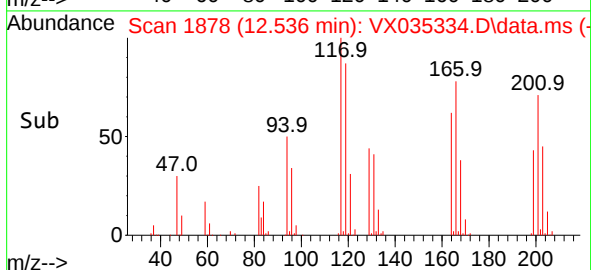
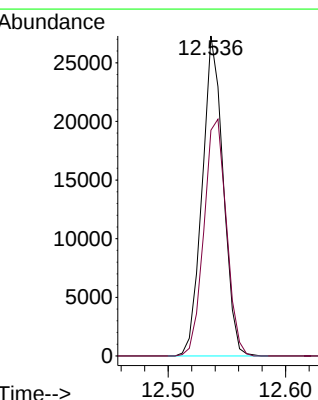
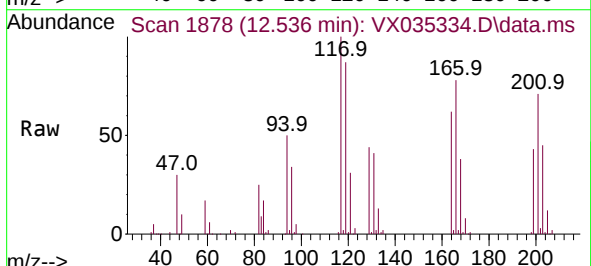
Acq: 27 Apr 2023 12:29

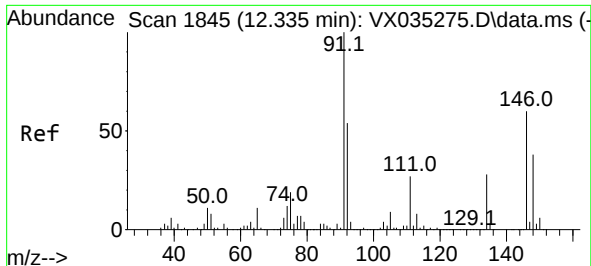
Tgt Ion:117 Resp: 33906

Ion Ratio Lower Upper

117 100

201 79.1 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 21.089 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

Tgt Ion:146 Resp: 127624

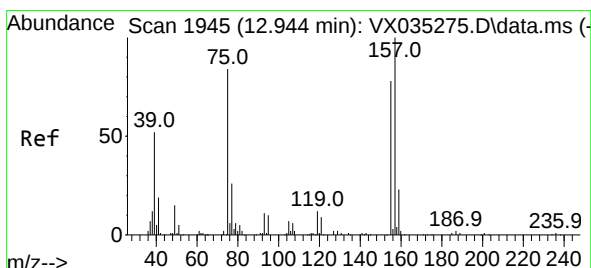
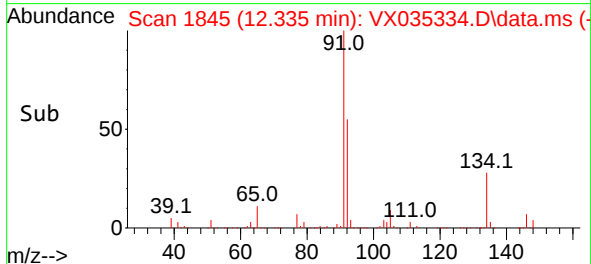
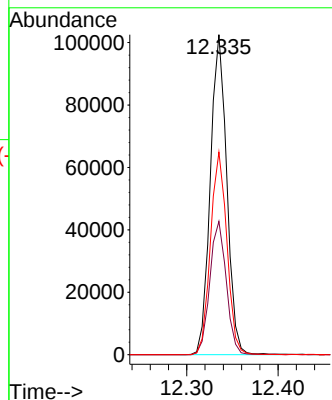
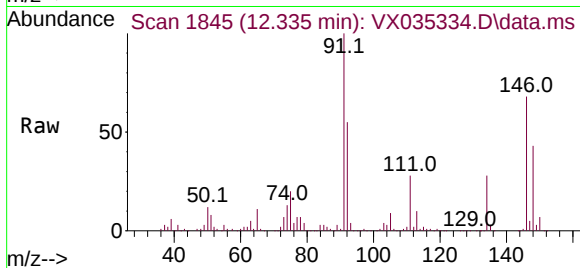
Ion	Ratio	Lower	Upper
146	100		
111	41.7	22.0	66.0
148	63.4	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.505 ug/l

RT: 12.939 min Scan# 1944

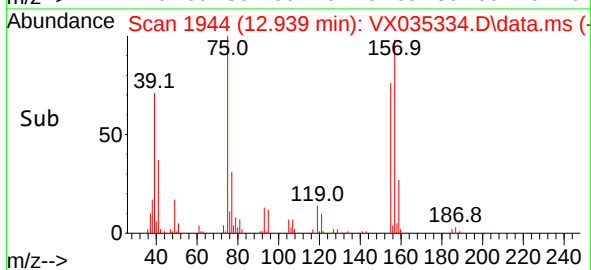
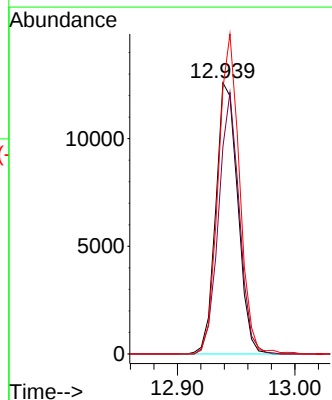
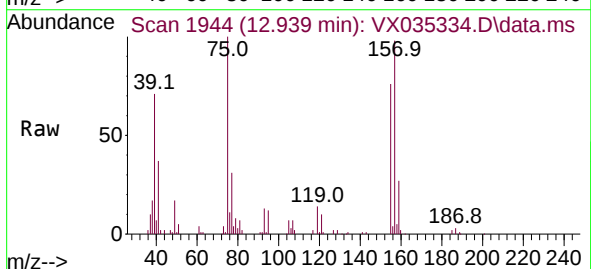
Delta R.T. -0.005 min

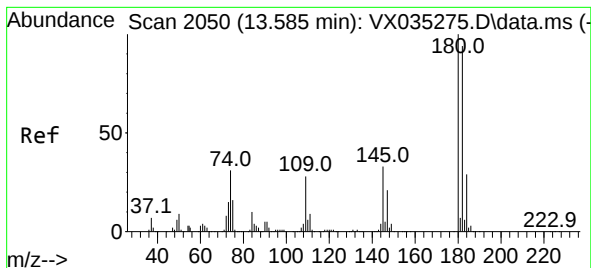
Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Tgt Ion: 75 Resp: 16346

Ion	Ratio	Lower	Upper
75	100		
155	90.7	38.4	115.1
157	114.1	49.9	149.7





#93

1,2,4-Trichlorobenzene

Concen: 20.953 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBS02

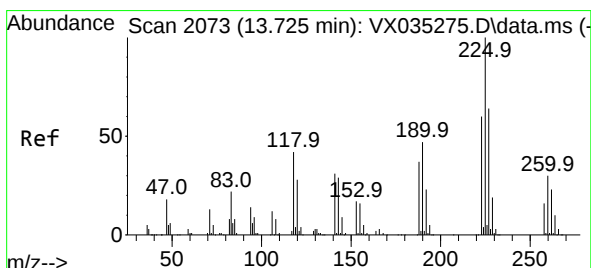
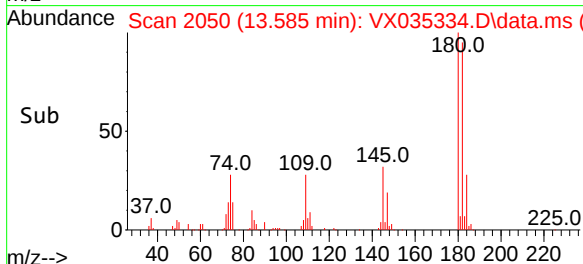
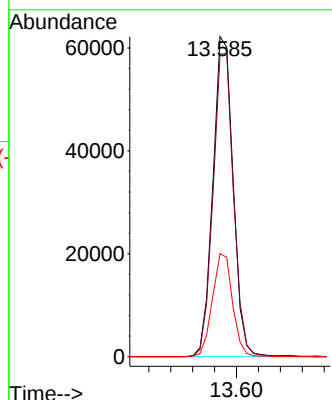
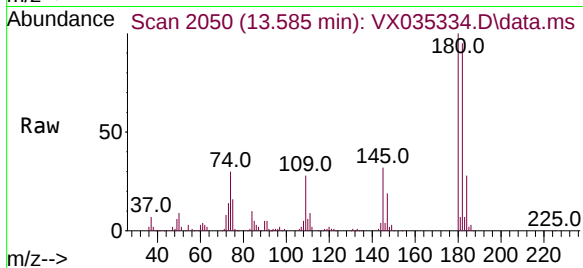
Tgt Ion:180	Resp:	79704
Ion Ratio	Lower	Upper
180	100	
182	96.1	47.0 141.0
145	32.1	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#94

Hexachlorobutadiene

Concen: 18.610 ug/l

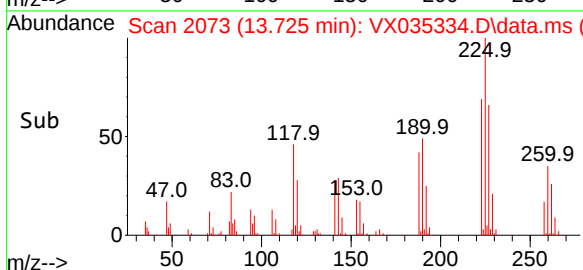
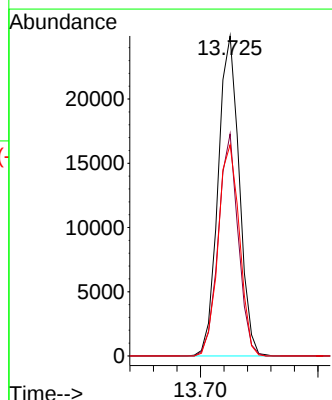
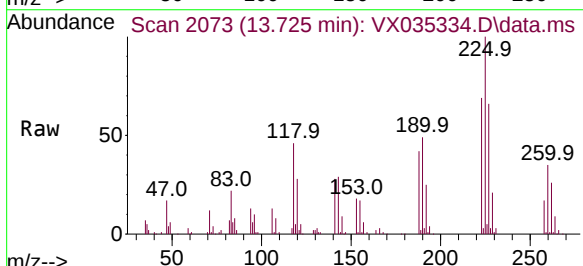
RT: 13.725 min Scan# 2073

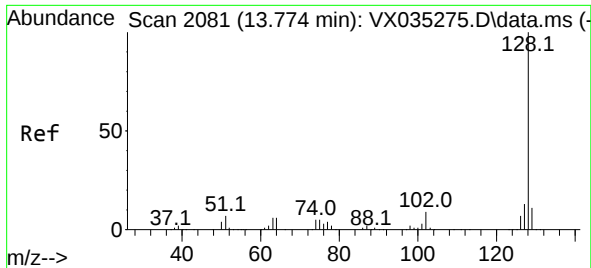
Delta R.T. 0.000 min

Lab File: VX035334.D

Acq: 27 Apr 2023 12:29

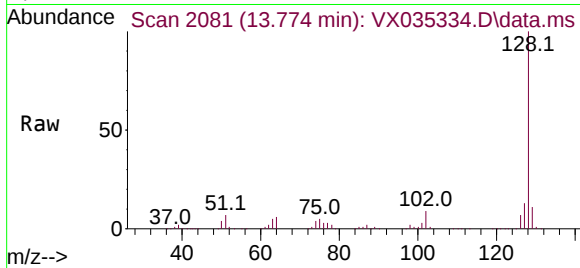
Tgt Ion:225	Resp:	31068
Ion Ratio	Lower	Upper
225	100	
223	65.4	32.1 96.5
227	66.7	31.8 95.4





#95
Naphthalene
Concen: 22.770 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29

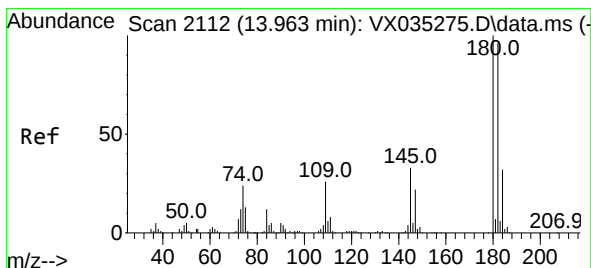
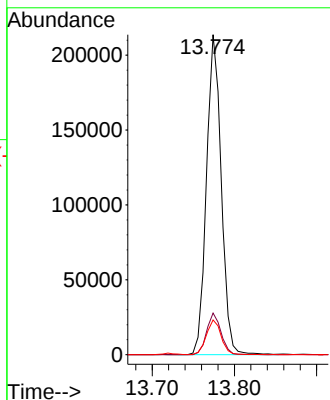
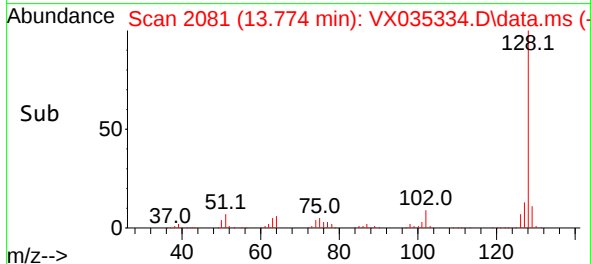
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBS02



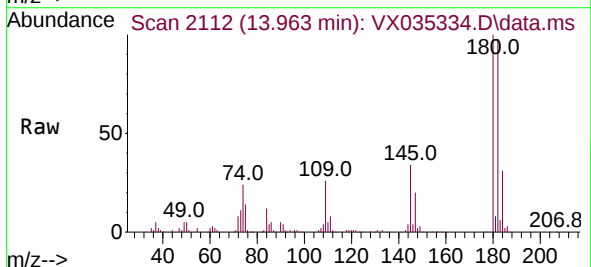
Tgt Ion:128 Resp: 26664
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.701 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035334.D
Acq: 27 Apr 2023 12:29



Tgt Ion:180 Resp: 79267
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.2
145 33.8 17.7 53.1

