

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035281.D
 Acq On : 25 Apr 2023 14:10
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042523

Quant Time: Apr 25 16:41:58 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 04/25/2023
 Supervised By : Mahesh Dadoda 04/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	284567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	449190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	171373	49.917	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.840%		
35) Dibromofluoromethane	5.385	113	143638	52.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.200%		
50) Toluene-d8	8.647	98	526106	50.586	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.180%		
62) 4-Bromofluorobenzene	11.079	95	203041	51.897	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	149232	49.561	ug/l	100
3) Chloromethane	1.295	50	130418	47.612	ug/l	99
4) Vinyl Chloride	1.374	62	132554	48.249	ug/l	97
5) Bromomethane	1.618	94	85357	46.746	ug/l	95
6) Chloroethane	1.691	64	75348	46.894	ug/l	98
7) Trichlorofluoromethane	1.886	101	206446	48.053	ug/l	99
8) Diethyl Ether	2.130	74	74240	47.394	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	137767	48.011	ug/l	96
10) Methyl Iodide	2.453	142	173934	48.028	ug/l	97
11) Tert butyl alcohol	3.008	59	153349	245.317	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	131333	47.518	ug/l	96
13) Acrolein	2.239	56	140124	227.938	ug/l	99
14) Allyl chloride	2.666	41	236912	48.709	ug/l	97
15) Acrylonitrile	3.069	53	368254	235.539	ug/l	99
16) Acetone	2.392	43	339291	227.549	ug/l	100
17) Carbon Disulfide	2.514	76	330902	49.943	ug/l	100
18) Methyl Acetate	2.703	43	279118	48.408	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	456747	48.170	ug/l	97
20) Methylene Chloride	2.788	84	149953	43.860	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	145327	48.414	ug/l	95
22) Diisopropyl ether	3.757	45	462125	48.013	ug/l	93
23) Vinyl Acetate	3.721	43	1667966	252.115	ug/l	98
24) 1,1-Dichloroethane	3.611	63	262869	48.487	ug/l	99
25) 2-Butanone	4.562	43	509756	234.224	ug/l	96
26) 2,2-Dichloropropane	4.477	77	213272	50.213	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	167686	47.524	ug/l	94
28) Bromochloromethane	4.898	49	117354	50.794	ug/l	88
29) Tetrahydrofuran	5.007	42	324826	232.825	ug/l	97
30) Chloroform	5.093	83	265057	48.430	ug/l	99
31) Cyclohexane	5.471	56	236720	48.607	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	235329	49.063	ug/l	97
36) 1,1-Dichloropropene	5.696	75	202083	46.942	ug/l	98
37) Ethyl Acetate	4.715	43	194820	49.549	ug/l	97
38) Carbon Tetrachloride	5.678	117	203308	49.749	ug/l	97
39) Methylcyclohexane	7.379	83	258956	49.418	ug/l	99
40) Benzene	6.038	78	587547	47.577	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	112293	49.843	ug/l	98
42) 1,2-Dichloroethane	6.086	62	210311	47.764	ug/l	98
43) Isopropyl Acetate	6.336	43	328815	49.770	ug/l	96
44) Trichloroethene	7.123	130	163239	47.983	ug/l	97
45) 1,2-Dichloropropane	7.428	63	150136	48.222	ug/l	97
46) Dibromomethane	7.580	93	103305	48.318	ug/l	93
47) Bromodichloromethane	7.818	83	197541	50.147	ug/l	100
48) Methyl methacrylate	7.690	41	162755	50.221	ug/l	93
49) 1,4-Dioxane	7.714	88	73689	932.835	ug/l #	63
51) 4-Methyl-2-Pentanone	8.574	43	976971	240.697	ug/l	97
52) Toluene	8.714	92	378861	48.399	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	218783	53.182	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	242424	52.136	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	147646	47.314	ug/l	98
56) Ethyl methacrylate	9.116	69	232771	50.073	ug/l	90
57) 1,3-Dichloropropane	9.305	76	252881	47.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	565561	243.317	ug/l	96
59) 2-Hexanone	9.427	43	739182	242.414	ug/l	95
60) Dibromochloromethane	9.519	129	155612	52.047	ug/l	99
61) 1,2-Dibromoethane	9.610	107	158125	49.153	ug/l	99
64) Tetrachloroethene	9.275	164	143789	46.846	ug/l	94
65) Chlorobenzene	10.080	112	404394	46.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	149852	49.646	ug/l	99
67) Ethyl Benzene	10.195	91	720398	47.963	ug/l	99
68) m/p-Xylenes	10.299	106	558500	97.041	ug/l	97
69) o-Xylene	10.640	106	273429	48.449	ug/l	98
70) Styrene	10.653	104	451793	49.373	ug/l	98
71) Bromoform	10.799	173	108777	51.811	ug/l #	100
73) Isopropylbenzene	10.964	105	714753	49.735	ug/l	100
74) N-amyl acetate	10.842	43	280591	51.954	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	216527	48.543	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	180119m	45.929	ug/l	
77) Bromobenzene	11.195	156	174988	48.984	ug/l	91
78) n-propylbenzene	11.305	91	822827	49.853	ug/l	99
79) 2-Chlorotoluene	11.366	91	493191	47.819	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	605675	49.983	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	63472	52.420	ug/l	100
82) 4-Chlorotoluene	11.451	91	571959	49.376	ug/l	98
83) tert-Butylbenzene	11.713	119	598725	49.244	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	605341	49.718	ug/l	99
85) sec-Butylbenzene	11.890	105	750762	50.341	ug/l	100
86) p-Isopropyltoluene	12.006	119	644166	50.785	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	331168	48.781	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	331889	46.627	ug/l	99
89) n-Butylbenzene	12.329	91	548901	51.263	ug/l	98
90) Hexachloroethane	12.536	117	104672	53.909	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	322333	47.472	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47099	52.658	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	215295	50.444	ug/l	100
94) Hexachlorobutadiene	13.725	225	93559	49.947	ug/l	99
95) Naphthalene	13.774	128	672609	51.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	207134	48.211	ug/l	98

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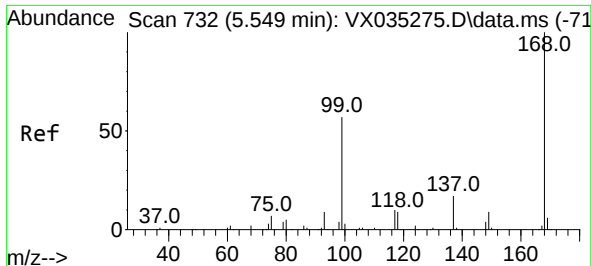
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

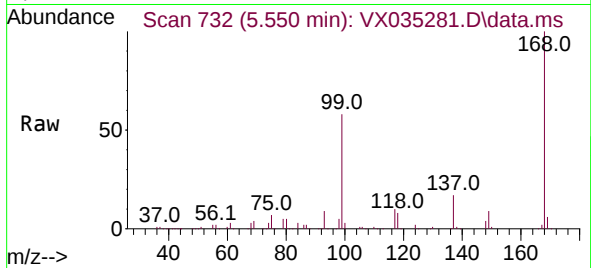
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035281.D
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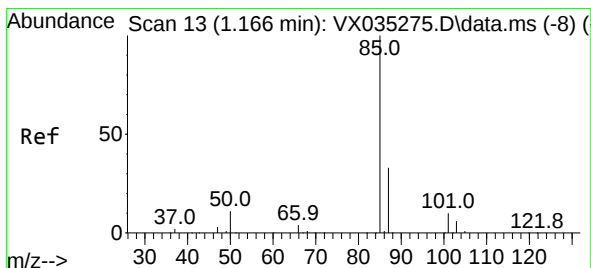
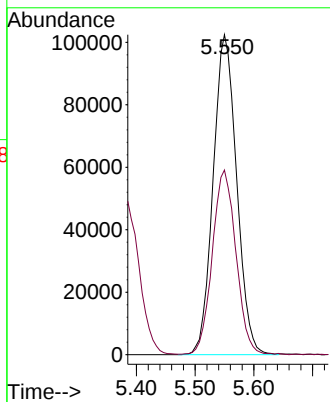
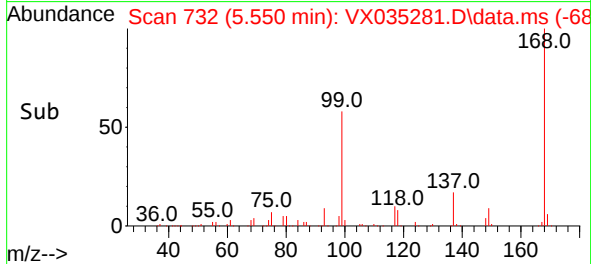
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion:168 Resp: 28456
Ion Ratio Lower Upper
168 100
99 57.6 45.7 68.5

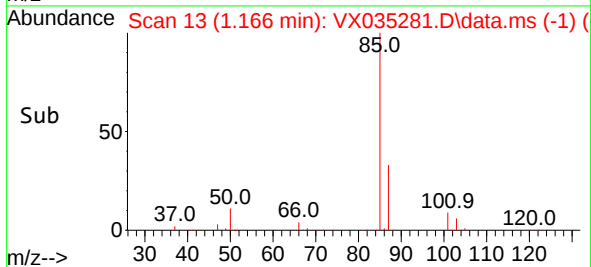
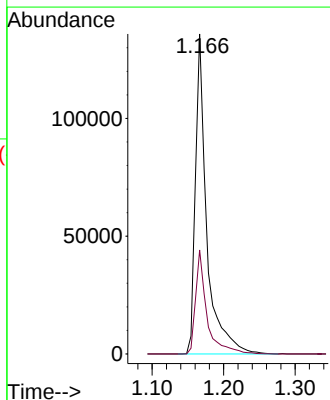
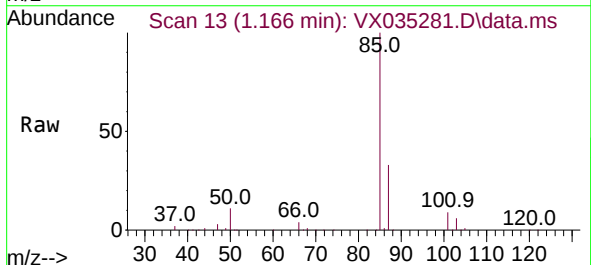
Manual Integrations
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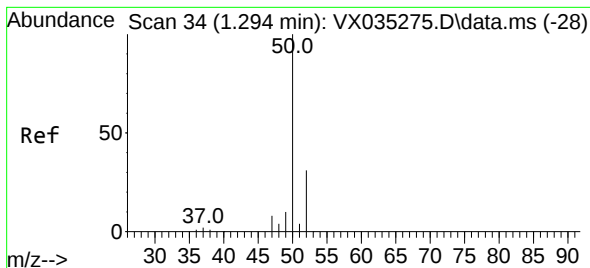
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#2
Dichlorodifluoromethane
Concen: 49.561 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

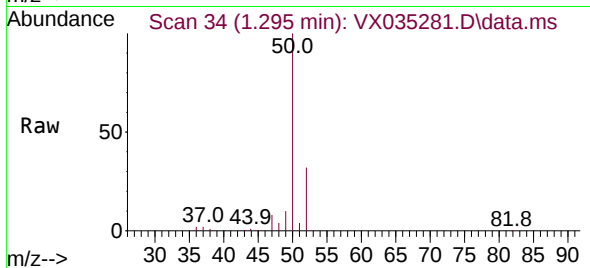
Tgt Ion: 85 Resp: 149232
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1





#3
Chloromethane
Concen: 47.612 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

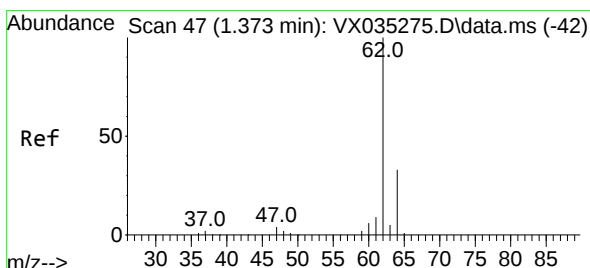
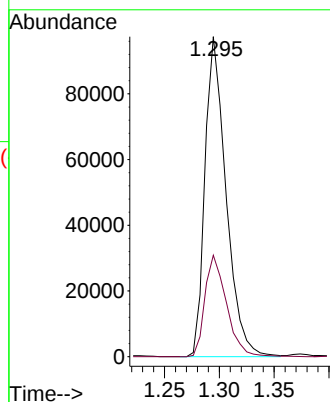
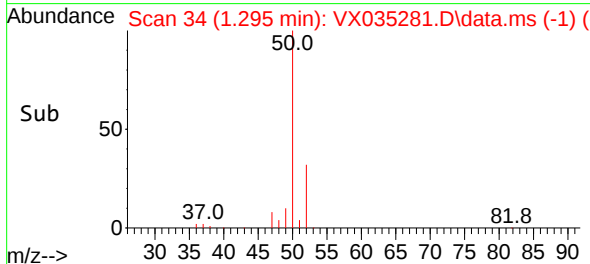
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion: 50 Resp: 130418
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9

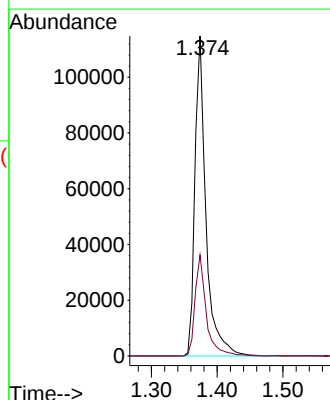
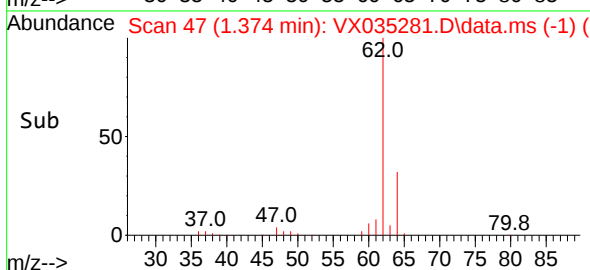
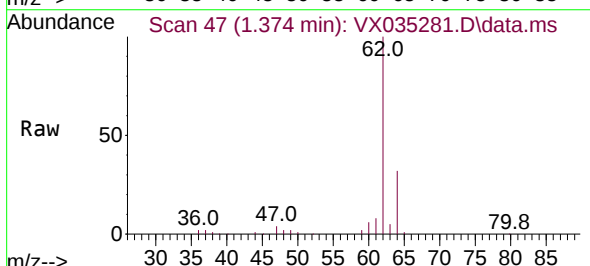
Manual Integrations
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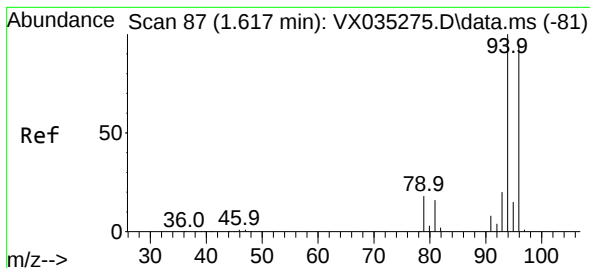
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#4
Vinyl Chloride
Concen: 48.249 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Tgt Ion: 62 Resp: 132554
Ion Ratio Lower Upper
62 100
64 31.5 26.4 39.6





#5

Bromomethane

Concen: 46.746 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion: 94 Resp: 8535

Ion Ratio Lower Upper

94 100

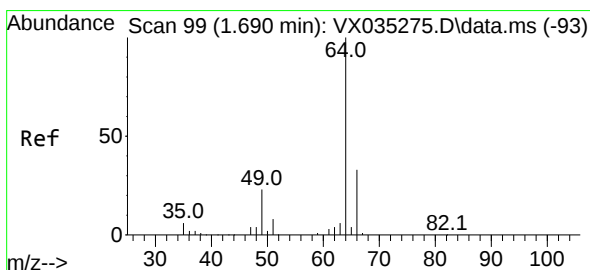
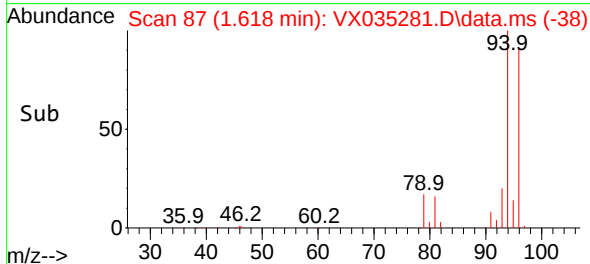
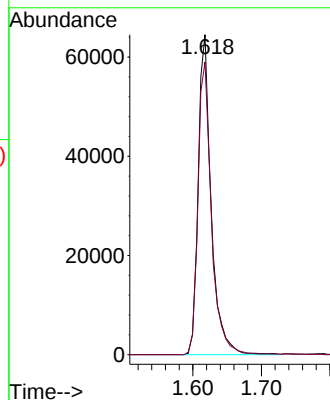
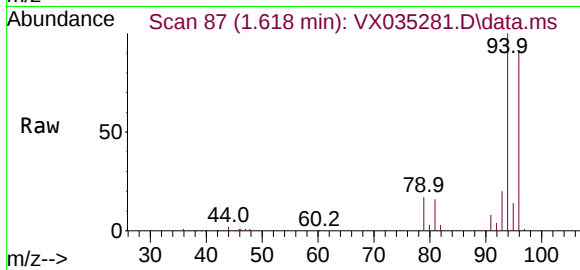
96 91.5 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 46.894 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX035281.D

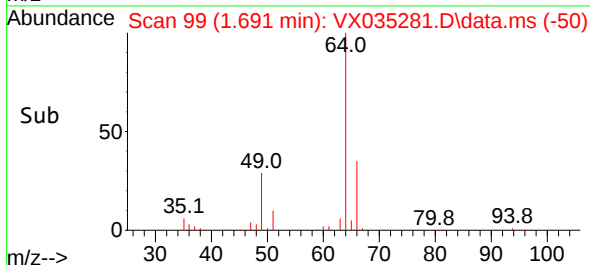
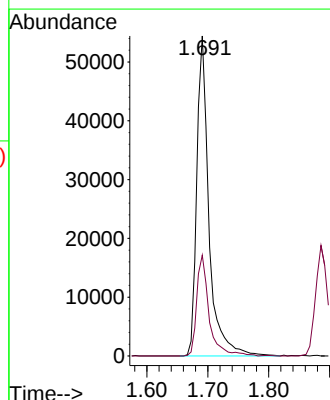
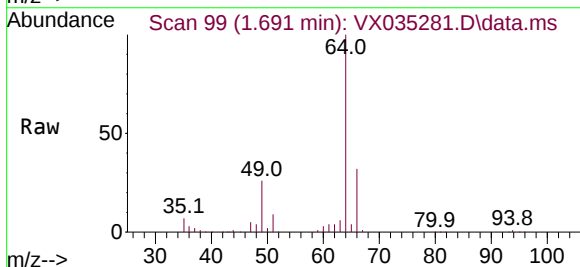
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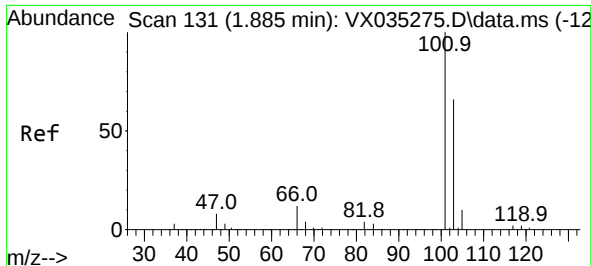
Tgt Ion: 64 Resp: 75348

Ion Ratio Lower Upper

64 100

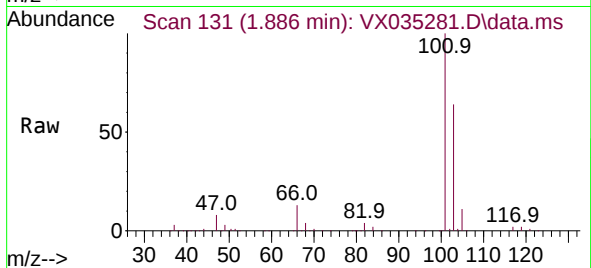
66 31.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.053 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

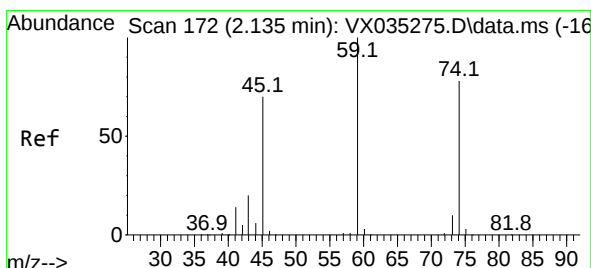
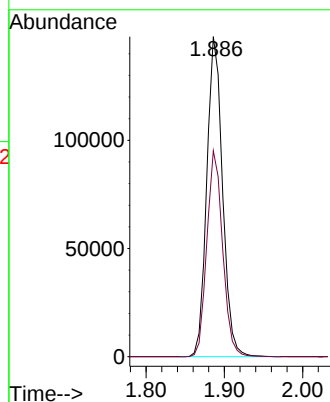
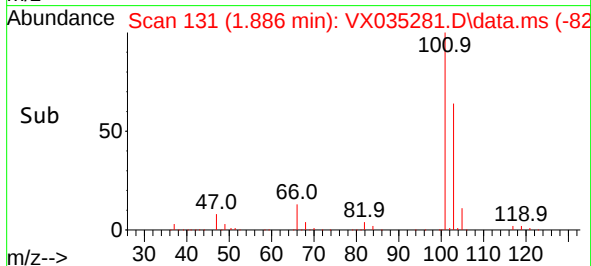
Instrument :
MSVOA_X
ClientSampleId :
ICVWX042523



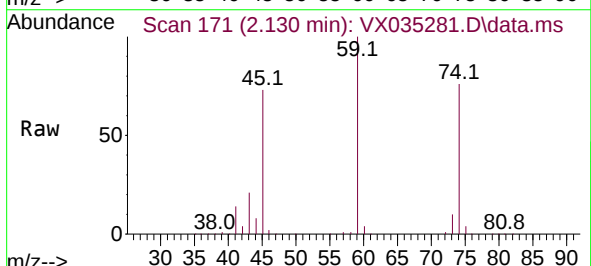
Tgt Ion:101 Resp: 206440
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

Manual Integrations
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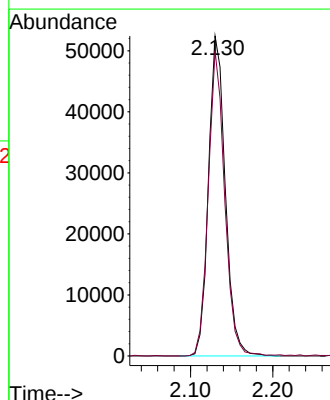
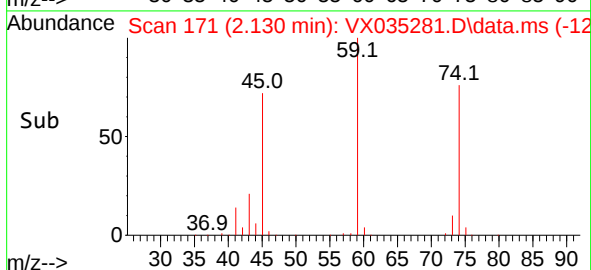
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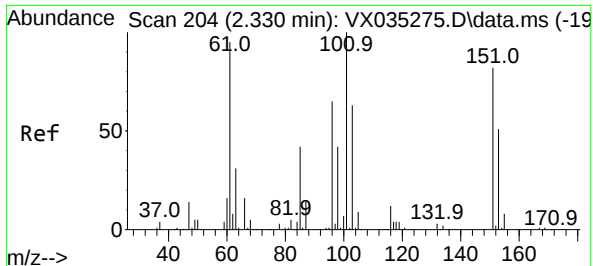


#8
Diethyl Ether
Concen: 47.394 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



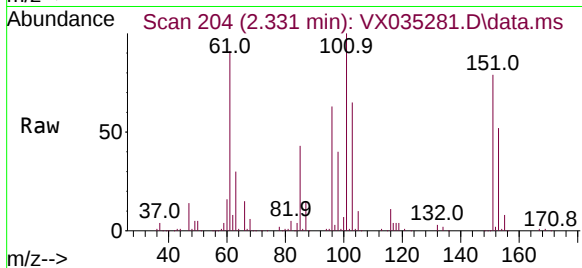
Tgt Ion: 74 Resp: 74240
Ion Ratio Lower Upper
74 100
45 93.7 49.8 149.3





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.011 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX035281.D
 Acq: 25 Apr 2023 14:10

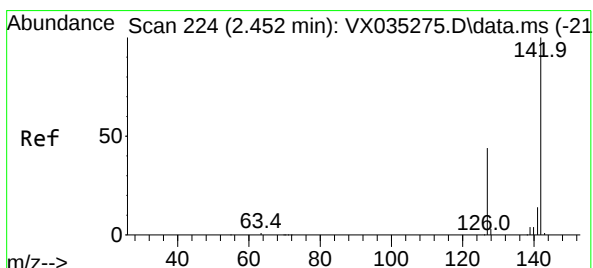
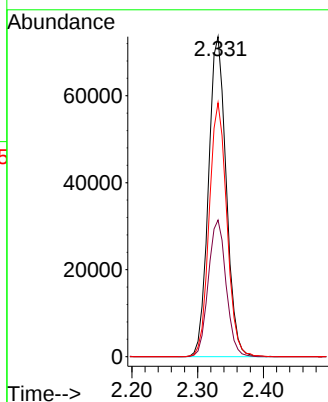
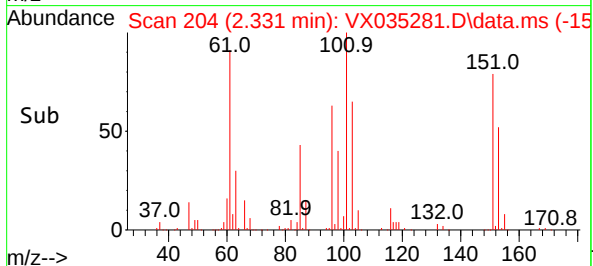
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042523



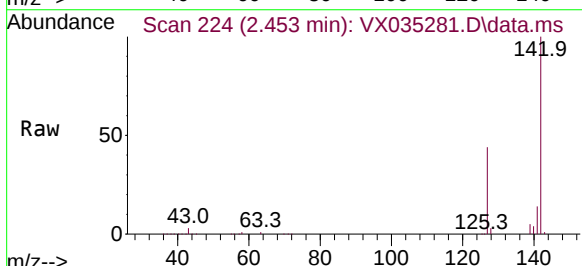
Tgt Ion:101 Resp: 13776
 Ion Ratio Lower Upper
 101 100
 85 42.7 35.4 53.2
 151 79.0 60.2 90.4

Manual Integrations
 APPROVED

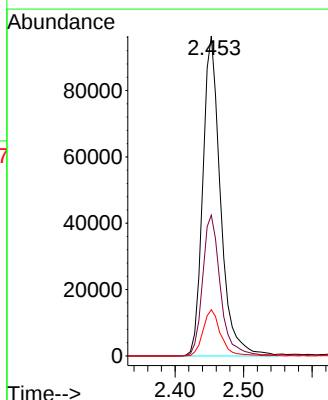
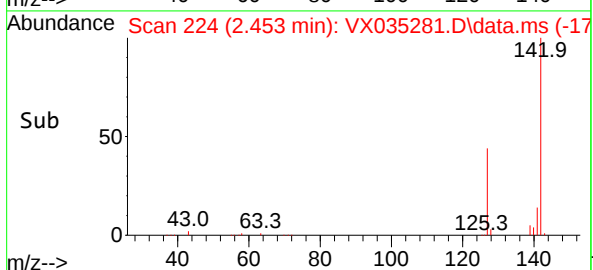
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023

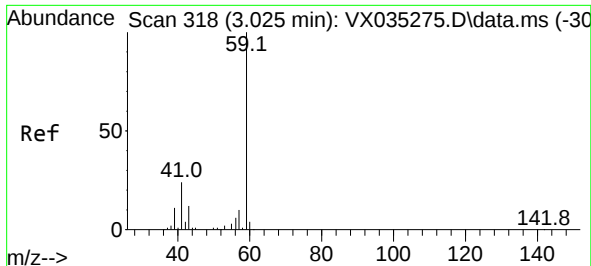


#10
 Methyl Iodide
 Concen: 48.028 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. 0.000 min
 Lab File: VX035281.D
 Acq: 25 Apr 2023 14:10



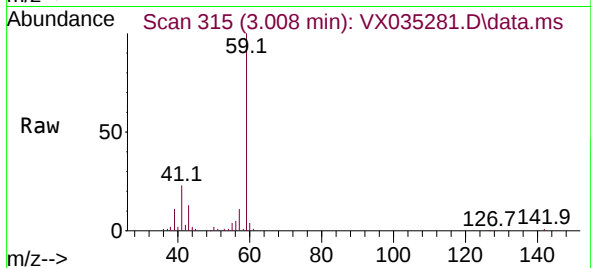
Tgt Ion:142 Resp: 173934
 Ion Ratio Lower Upper
 142 100
 127 44.6 34.0 51.0
 141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 245.317 ug/l
RT: 3.008 min Scan# 318
Delta R.T. -0.018 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

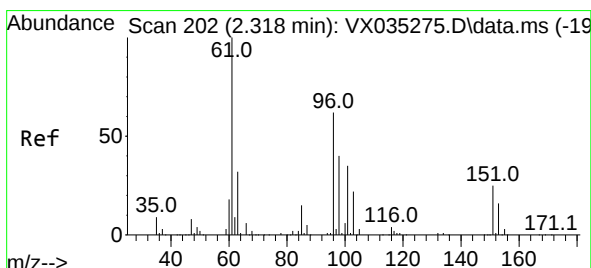
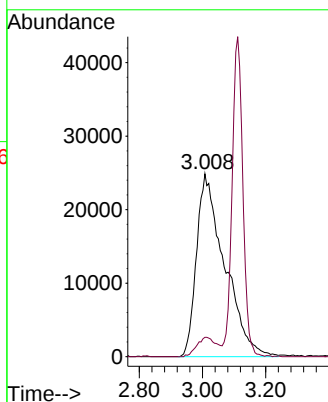
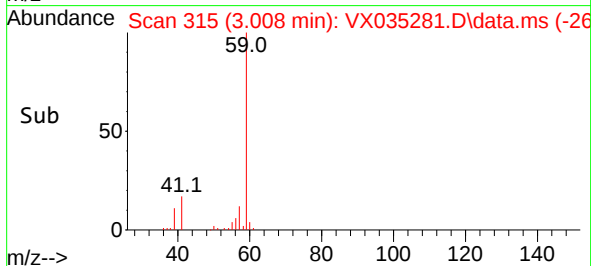
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



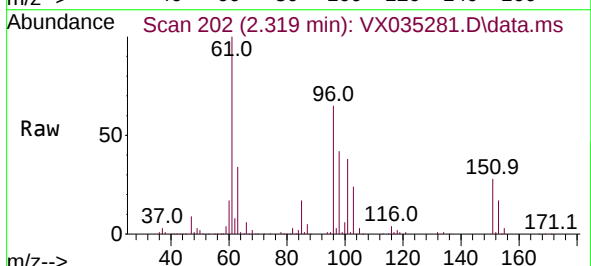
Tgt Ion: 59 Resp: 153349
Ion Ratio Lower Upper
59 100
57 7.7 8.1 12.1

Manual Integrations
APPROVED

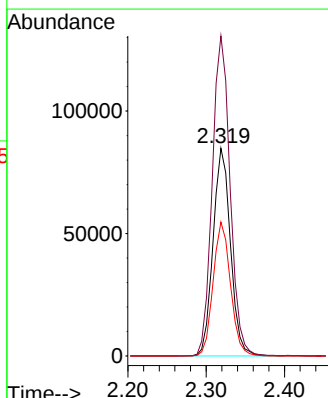
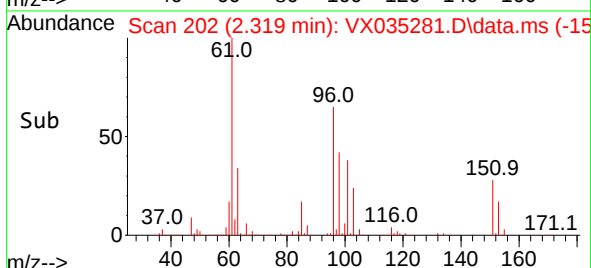
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

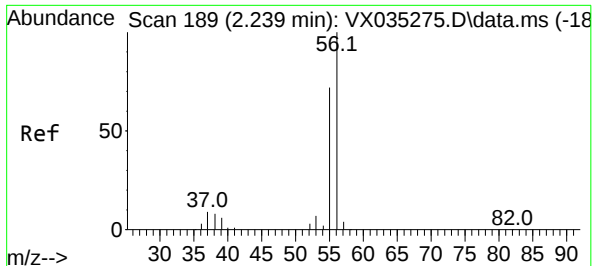


#12
1,1-Dichloroethene
Concen: 47.518 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



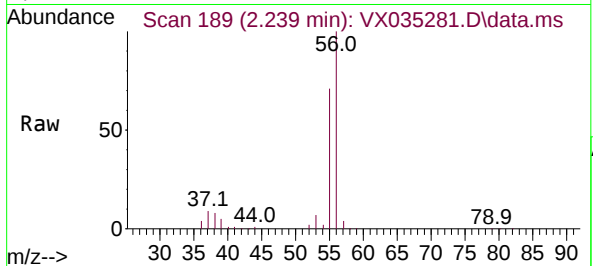
Tgt Ion: 96 Resp: 131333
Ion Ratio Lower Upper
96 100
61 154.0 128.8 193.2
98 64.5 51.4 77.0





#13
Acrolein
Concen: 227.938 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

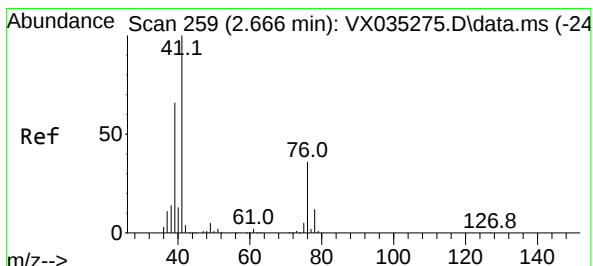
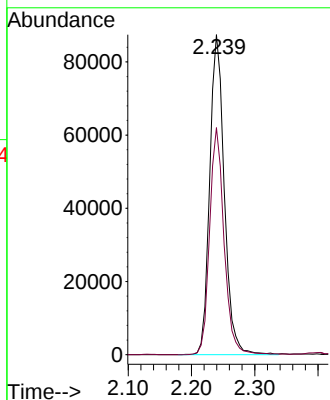
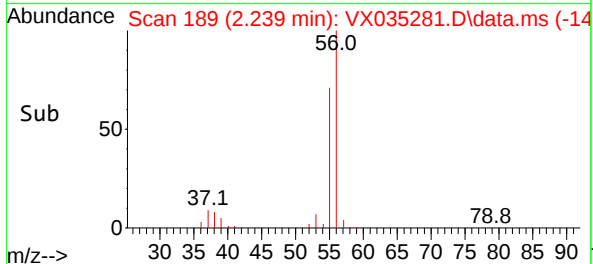
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion: 56 Resp: 140124
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

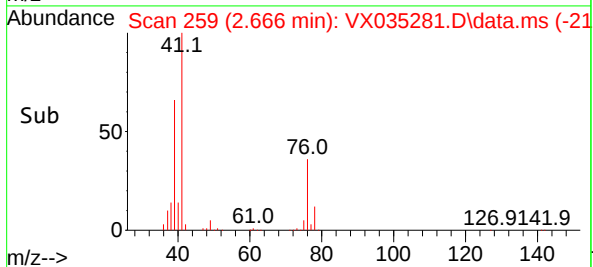
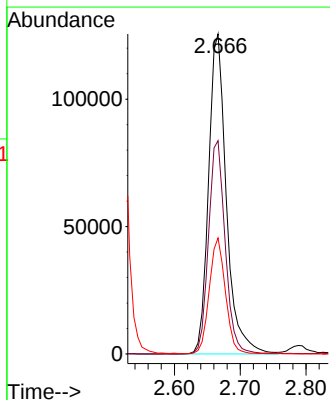
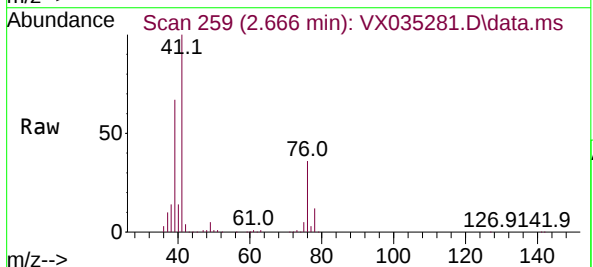
Manual Integrations
APPROVED

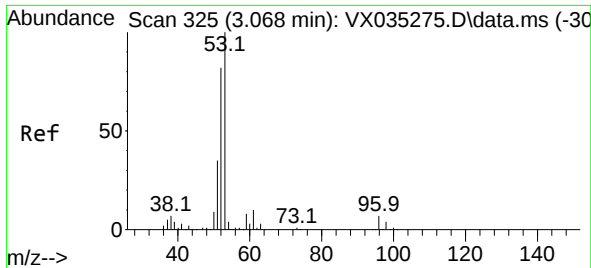
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#14
Allyl chloride
Concen: 48.709 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

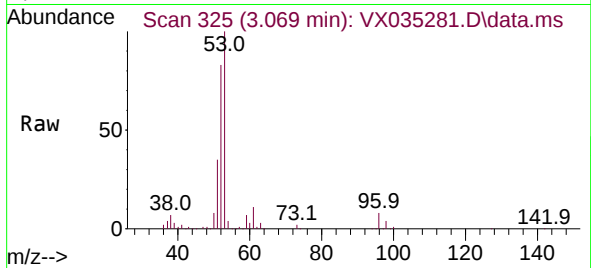
Tgt Ion: 41 Resp: 236912
Ion Ratio Lower Upper
41 100
39 62.5 52.4 78.6
76 32.8 26.0 39.0





#15
Acrylonitrile
Concen: 235.539 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

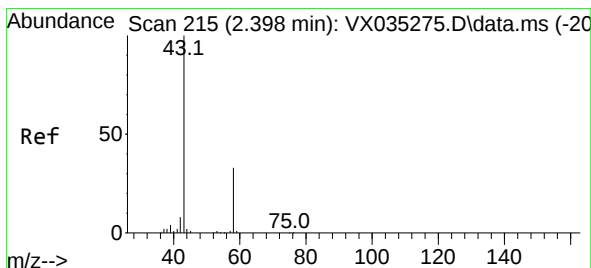
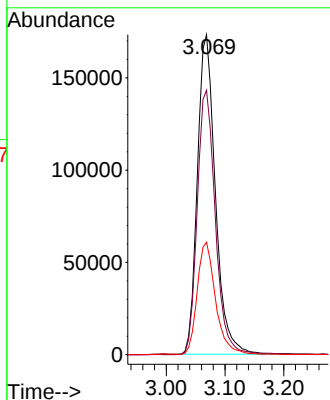
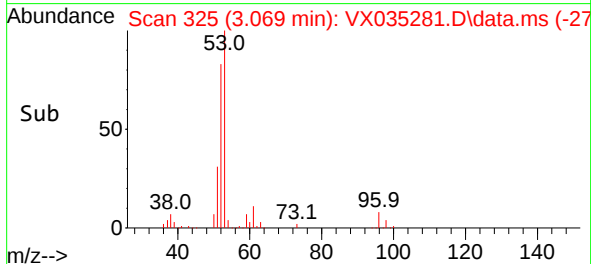
Instrument :
MSVOA_X
ClientSampleId :
ICVX042523



Tgt Ion: 53 Resp: 368254
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.0 28.3 42.5

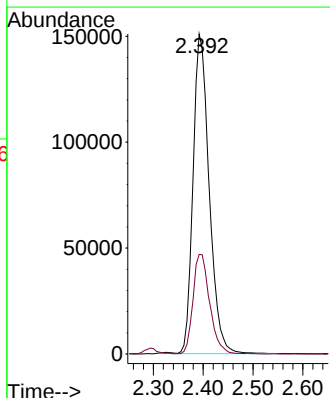
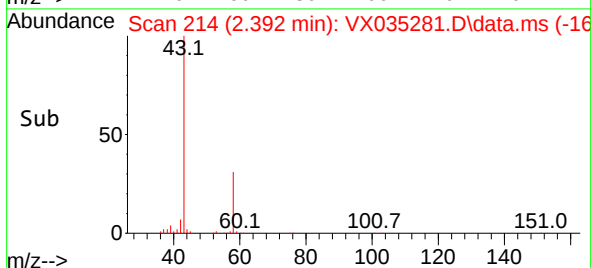
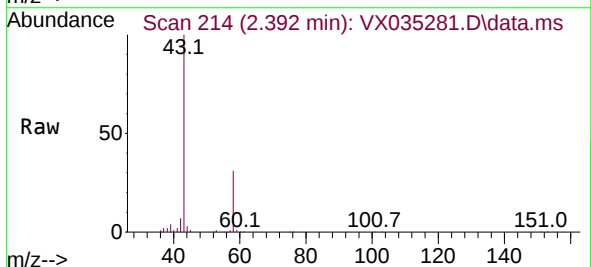
Manual Integrations
APPROVED

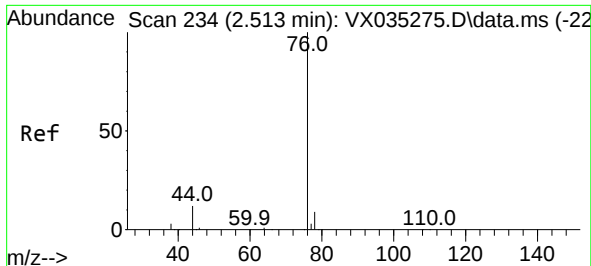
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#16
Acetone
Concen: 227.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Tgt Ion: 43 Resp: 339291
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1





#17

Carbon Disulfide

Concen: 49.943 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion: 76 Resp: 33090

Ion Ratio Lower Upper

76 100

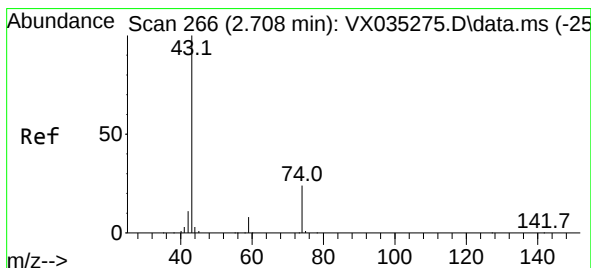
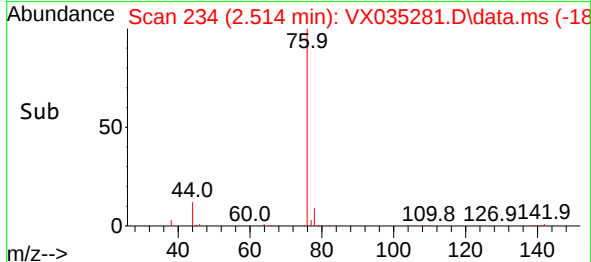
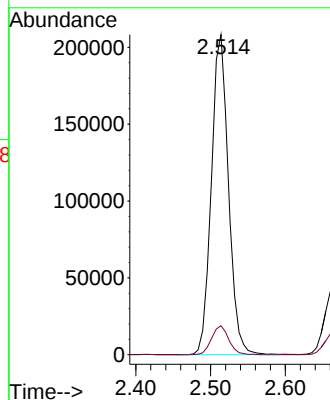
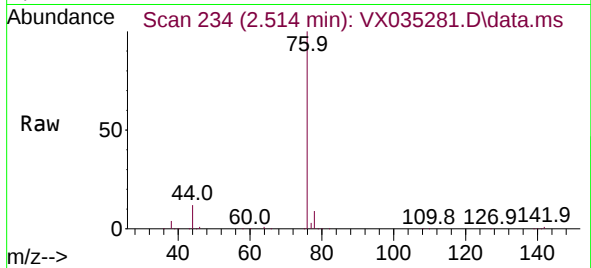
78 9.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#18

Methyl Acetate

Concen: 48.408 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX035281.D

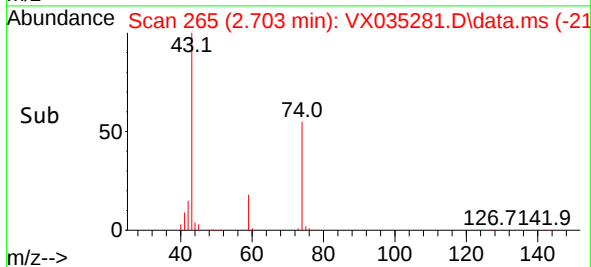
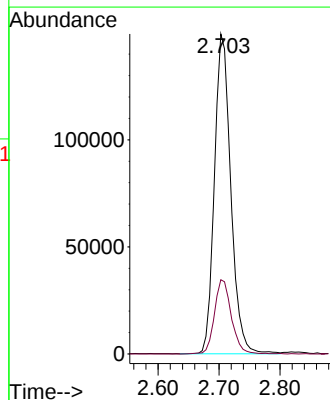
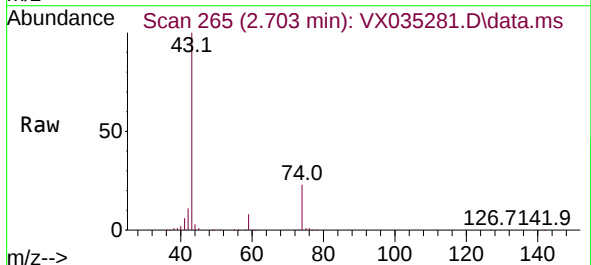
Acq: 25 Apr 2023 14:10

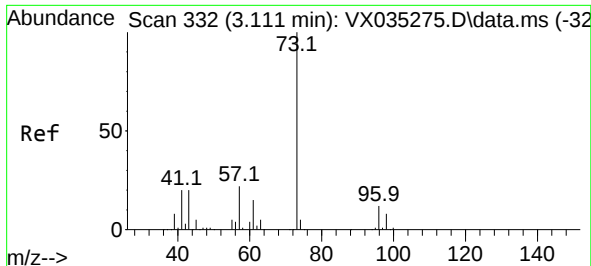
Tgt Ion: 43 Resp: 279118

Ion Ratio Lower Upper

43 100

74 23.9 18.3 27.5





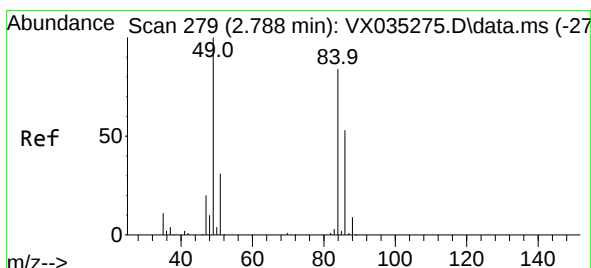
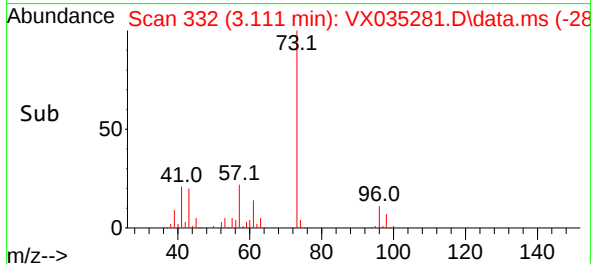
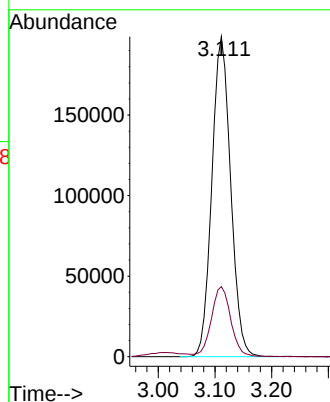
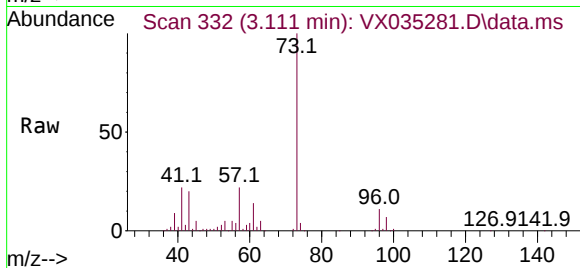
#19
Methyl tert-butyl Ether
Concen: 48.170 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523

Tgt Ion: 73 Resp: 45674
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7

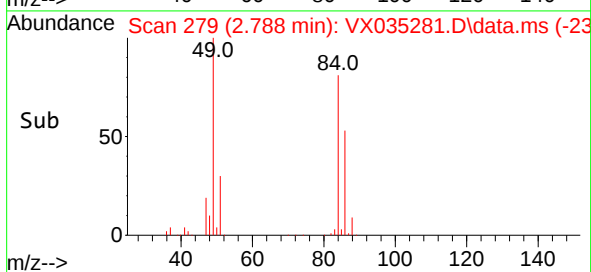
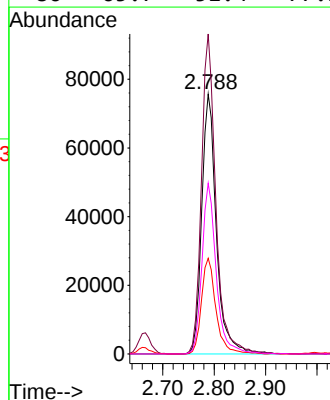
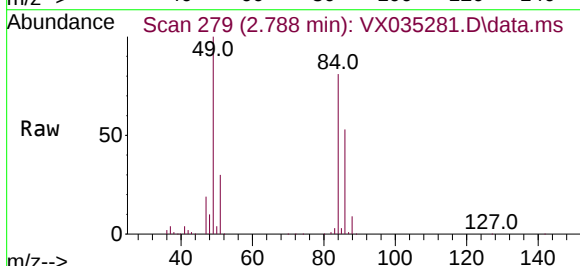
Manual Integrations
APPROVED

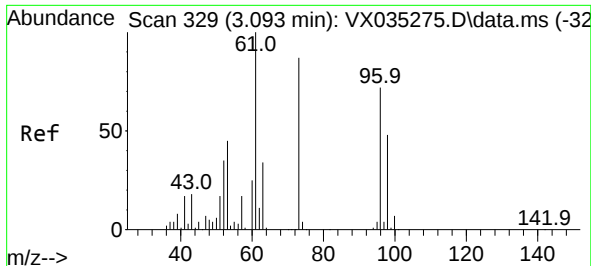
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#20
Methylene Chloride
Concen: 43.860 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

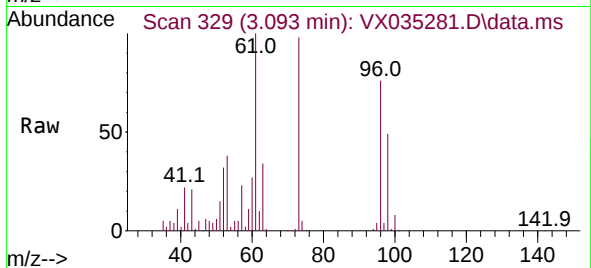
Tgt Ion: 84 Resp: 149953
Ion Ratio Lower Upper
84 100
49 123.1 103.8 155.8
51 36.8 31.8 47.8
86 65.7 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.414 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

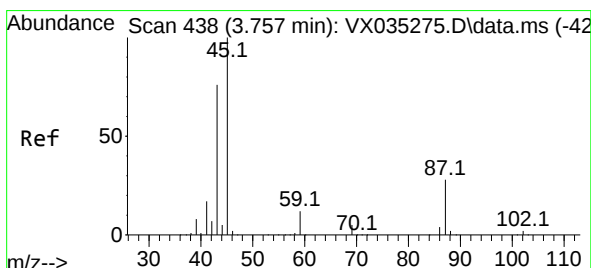
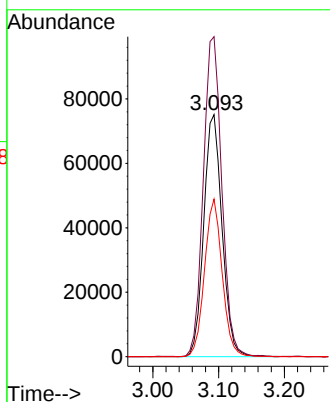
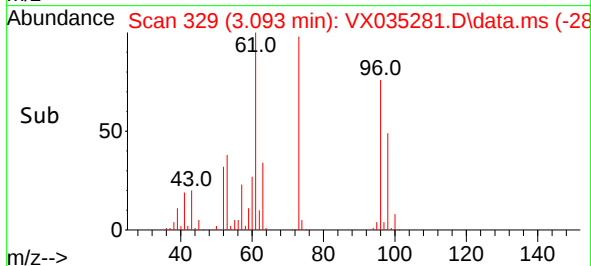
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion: 96 Resp: 14532
Ion Ratio Lower Upper
96 100
61 132.2 113.0 169.6
98 65.1 52.1 78.1

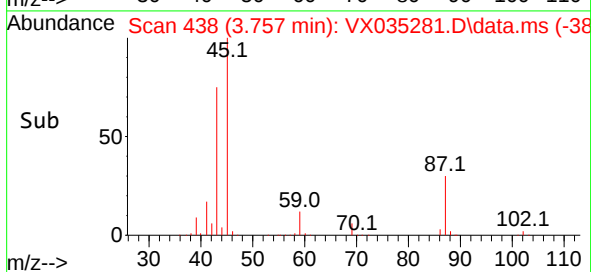
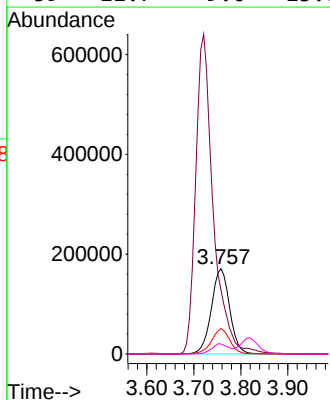
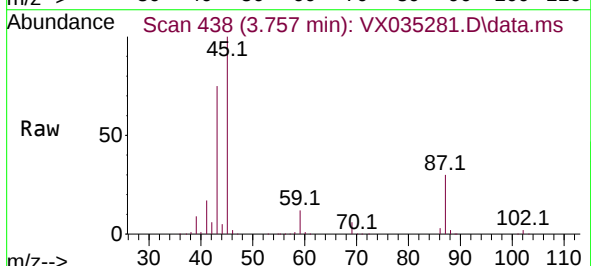
Manual Integrations
APPROVED

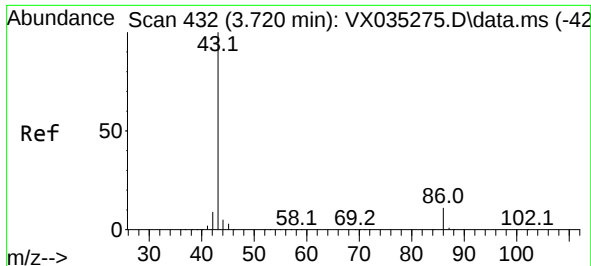
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#22
Diisopropyl ether
Concen: 48.013 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

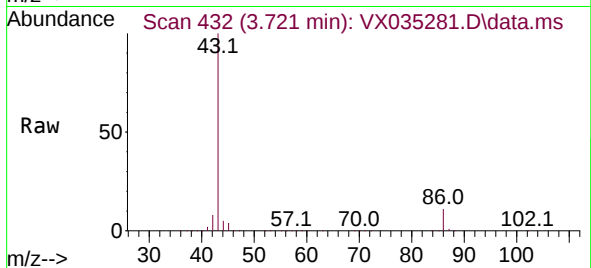
Tgt Ion: 45 Resp: 462125
Ion Ratio Lower Upper
45 100
43 75.2 65.4 98.2
87 29.8 20.6 31.0
59 11.7 9.0 13.6





#23
 Vinyl Acetate
 Concen: 252.115 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX035281.D
 Acq: 25 Apr 2023 14:10

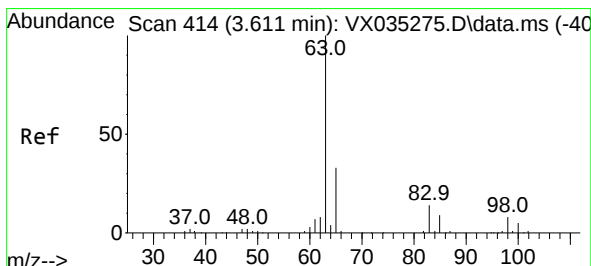
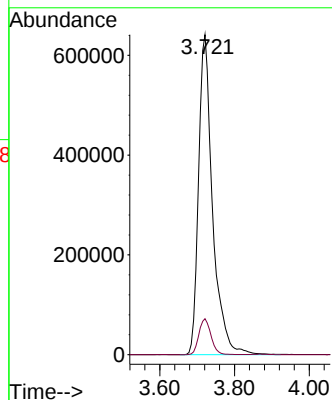
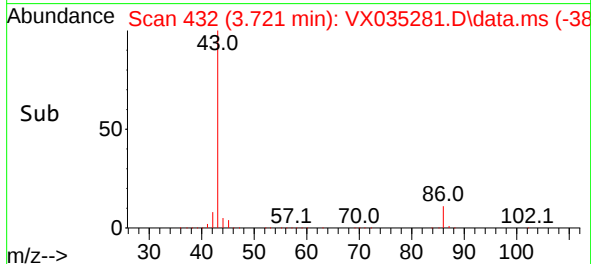
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042523



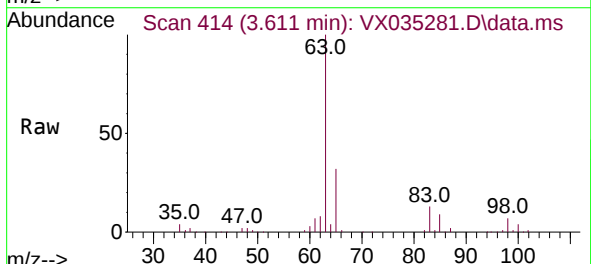
Tgt Ion: 43 Resp: 166796
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.5 12.7

Manual Integrations
 APPROVED

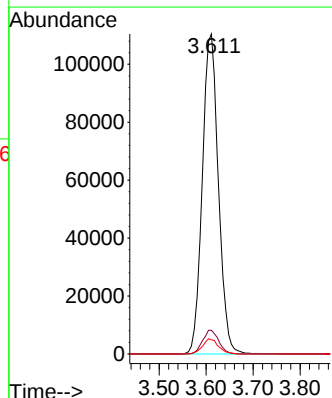
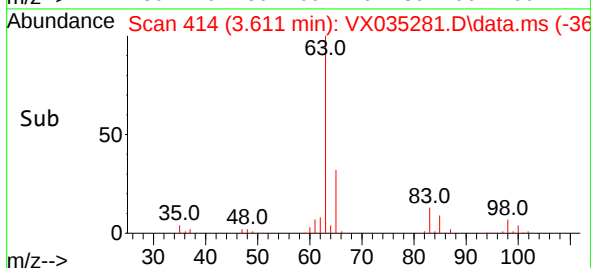
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023

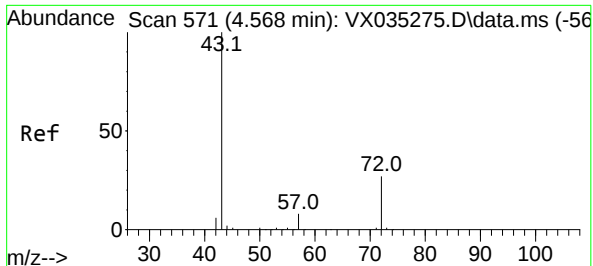


#24
 1,1-Dichloroethane
 Concen: 48.487 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035281.D
 Acq: 25 Apr 2023 14:10



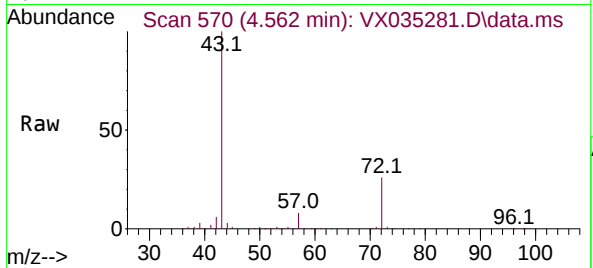
Tgt Ion: 63 Resp: 262869
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.4 2.4 7.1





#25
2-Butanone
Concen: 234.224 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

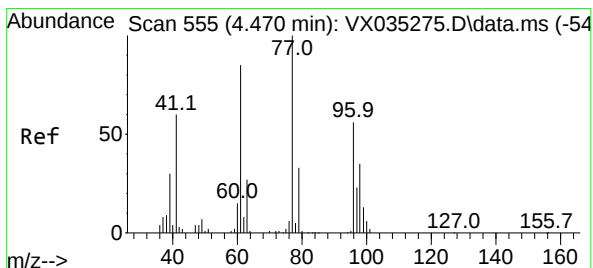
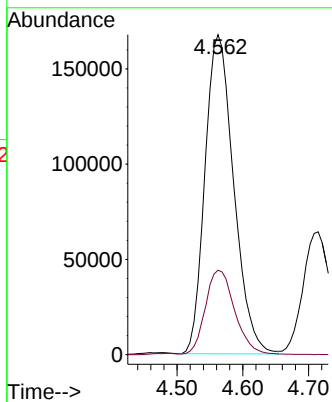
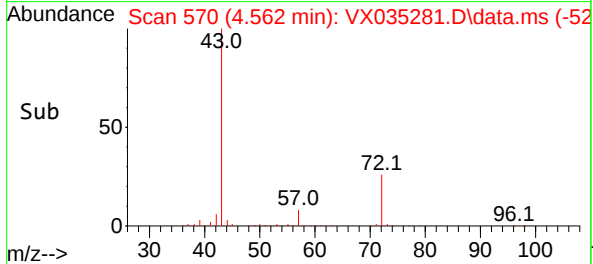
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion: 43 Resp: 509750
Ion Ratio Lower Upper
43 100
72 26.3 19.3 28.9

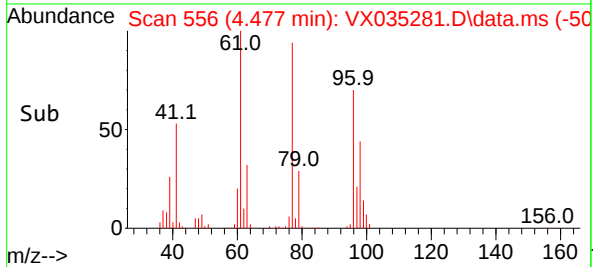
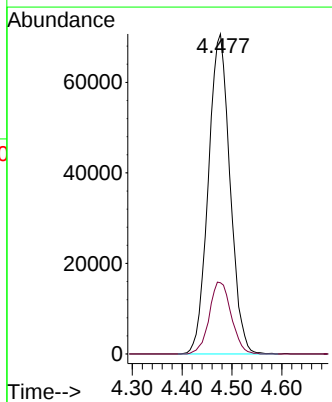
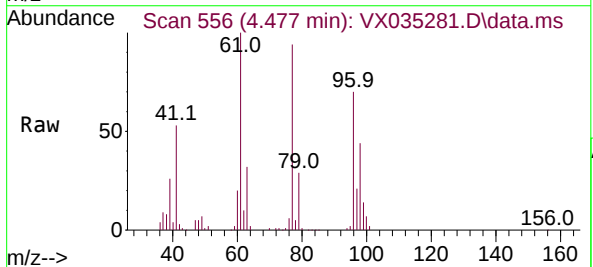
Manual Integrations
APPROVED

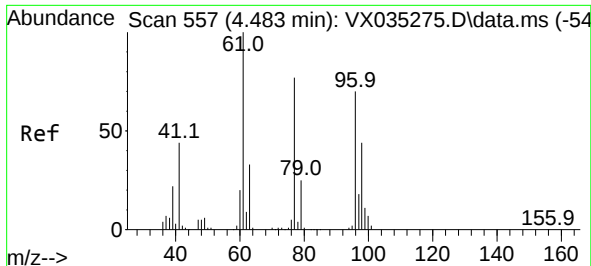
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#26
2,2-Dichloropropane
Concen: 50.213 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Tgt Ion: 77 Resp: 213272
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





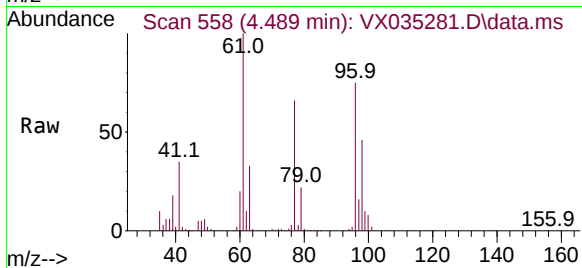
#27
 cis-1,2-Dichloroethene
 Concen: 47.524 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VX035281.D
 Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523



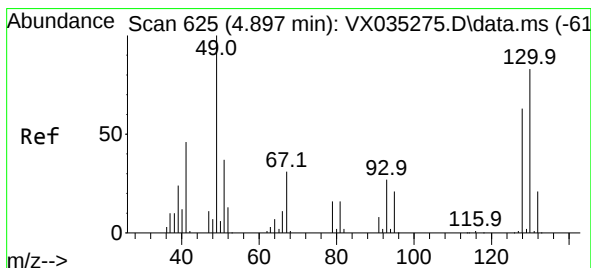
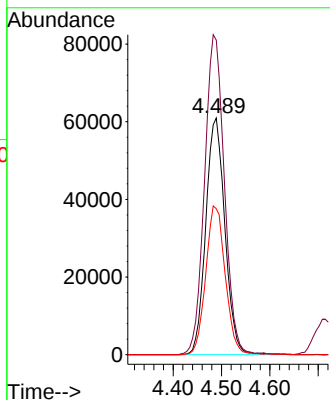
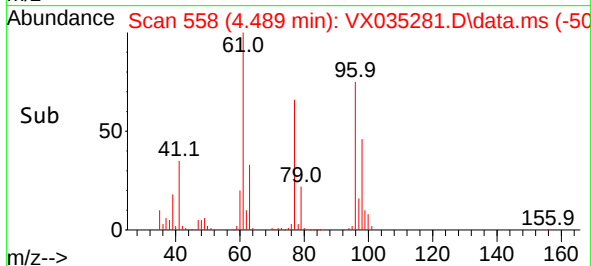
Tgt Ion: 96 Resp: 167680
 Ion Ratio Lower Upper
 96 100
 61 139.9 0.0 300.4
 98 64.0 0.0 129.0

Manual Integrations

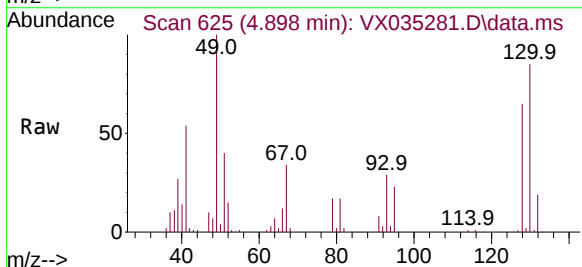
APPROVED

Reviewed By :John Carlone 04/25/2023

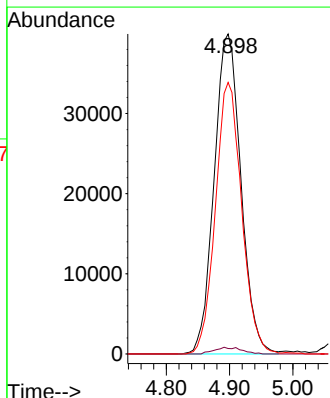
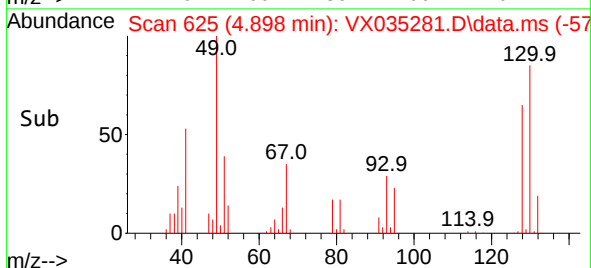
Supervised By :Mahesh Dadoda 04/26/2023

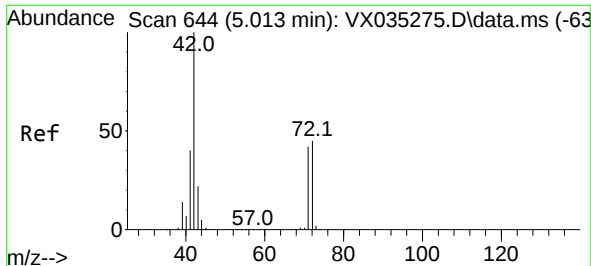


#28
 Bromochloromethane
 Concen: 50.794 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX035281.D
 Acq: 25 Apr 2023 14:10



Tgt Ion: 49 Resp: 117354
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 83.1 58.2 87.2





#29

Tetrahydrofuran

Concen: 232.825 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX042523

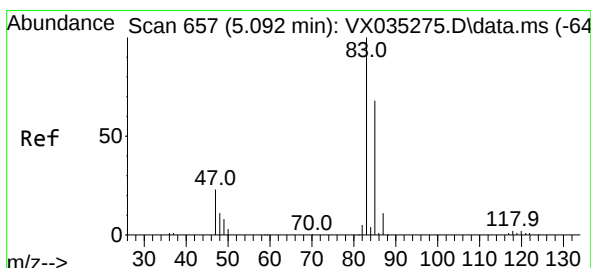
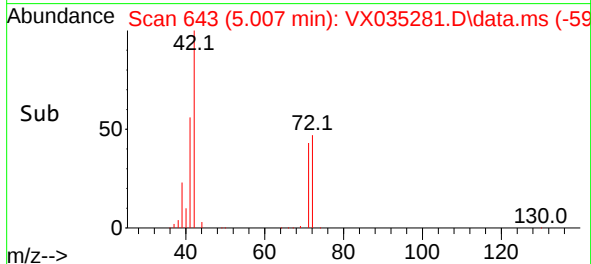
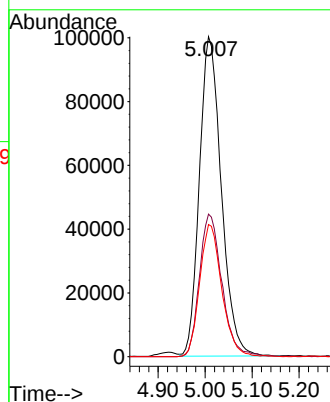
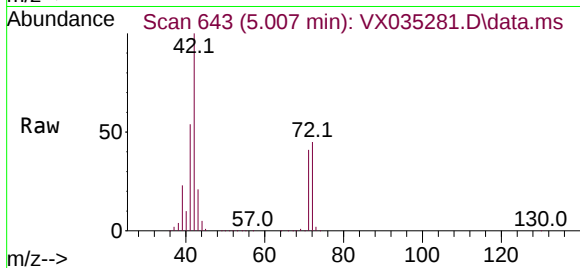
Tgt Ion: 42 Resp: 324820
 Ion Ratio Lower Upper
 42 100
 72 45.7 34.5 51.7
 71 41.7 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#30

Chloroform

Concen: 48.430 ug/l

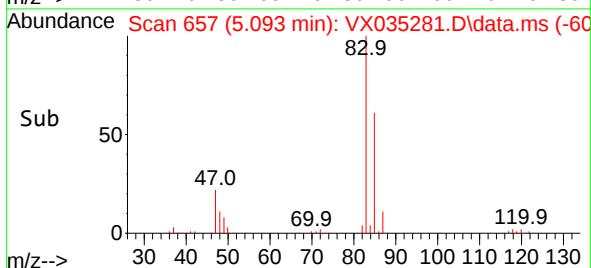
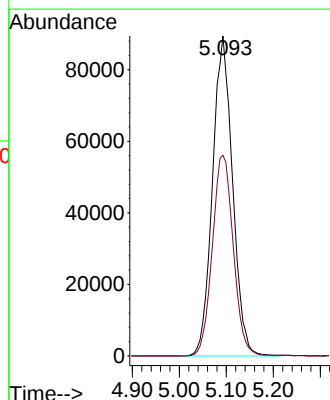
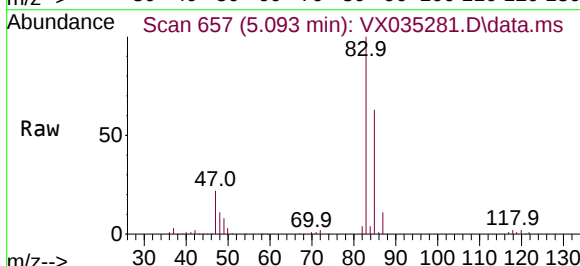
RT: 5.093 min Scan# 657

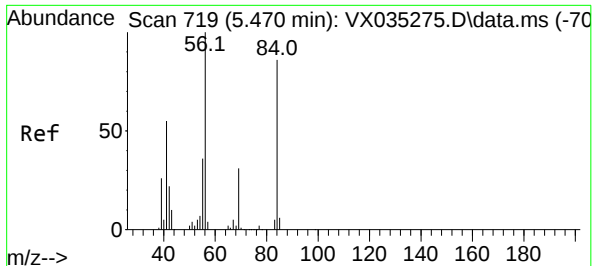
Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

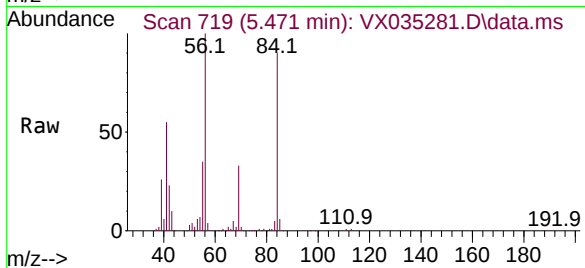
Tgt Ion: 83 Resp: 265057
 Ion Ratio Lower Upper
 83 100
 85 62.7 50.6 76.0





#31
Cyclohexane
Concen: 48.607 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

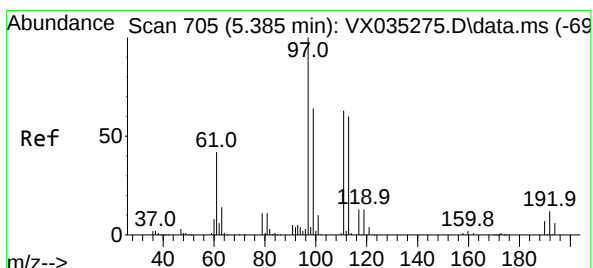
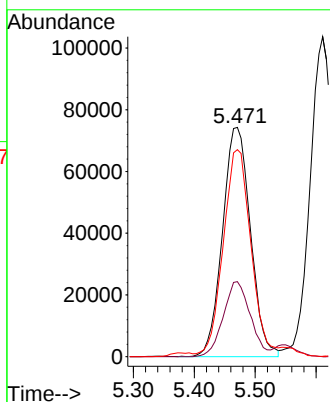
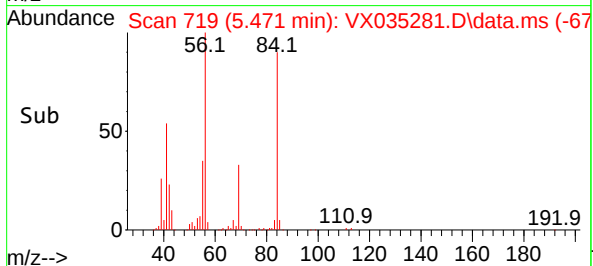
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



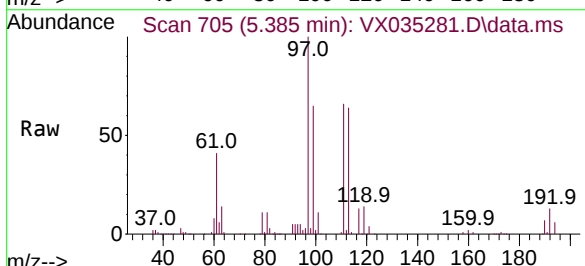
Tgt Ion: 56 Resp: 236720
Ion Ratio Lower Upper
56 100
69 32.7 23.7 35.5
84 88.7 68.5 102.7

Manual Integrations
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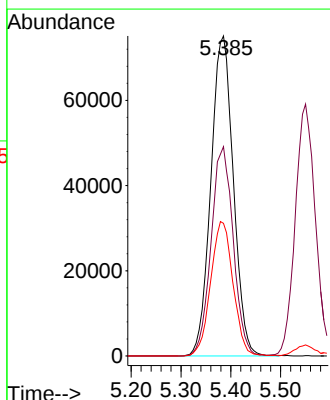
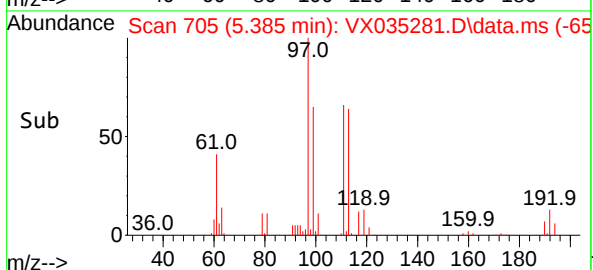
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

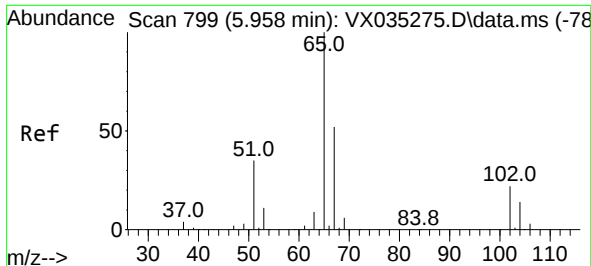


#32
1,1,1-Trichloroethane
Concen: 49.063 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



Tgt Ion: 97 Resp: 235329
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 41.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.917 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion: 65 Resp: 17137

Ion Ratio Lower Upper

65 100

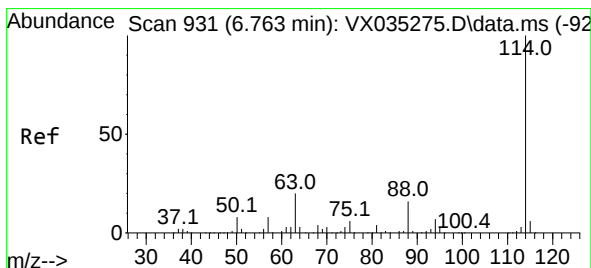
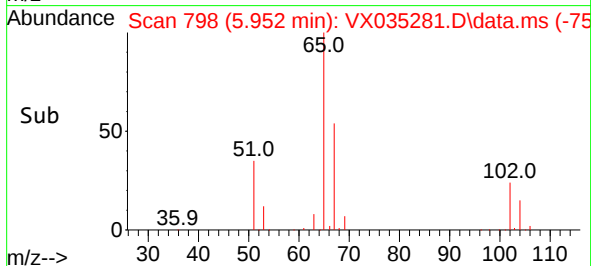
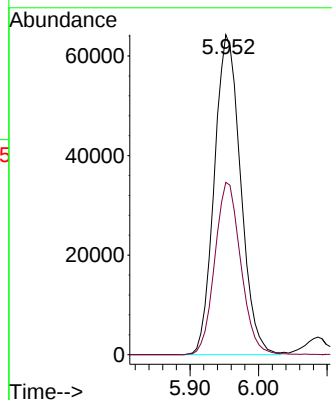
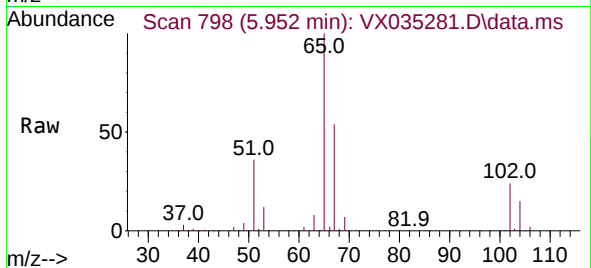
67 53.2 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

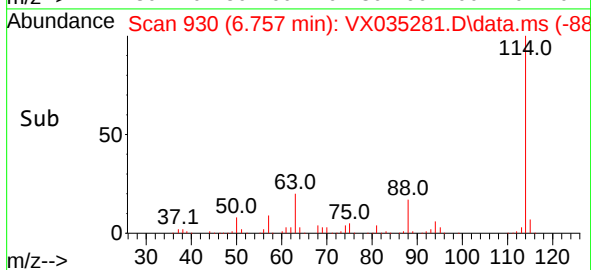
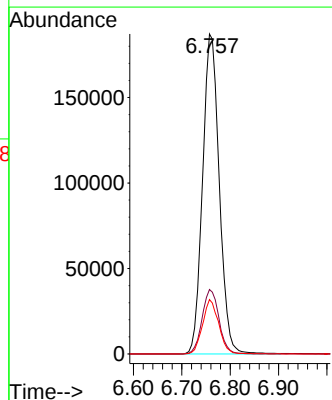
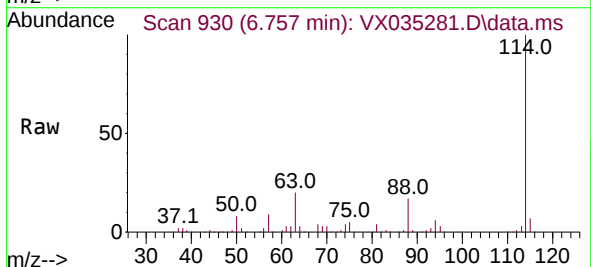
Tgt Ion:114 Resp: 449190

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.2

88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.099 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035281.D

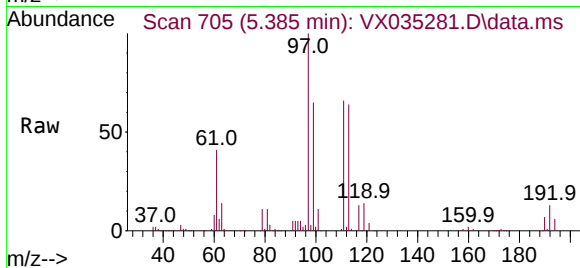
Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523



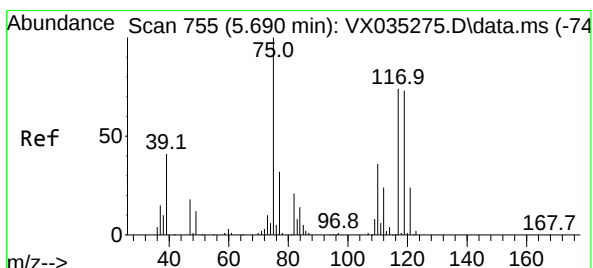
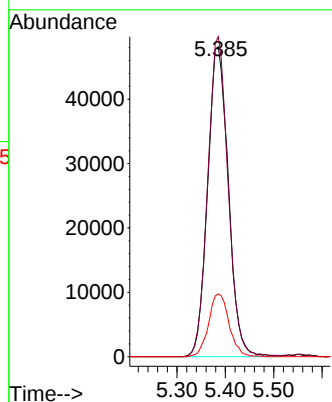
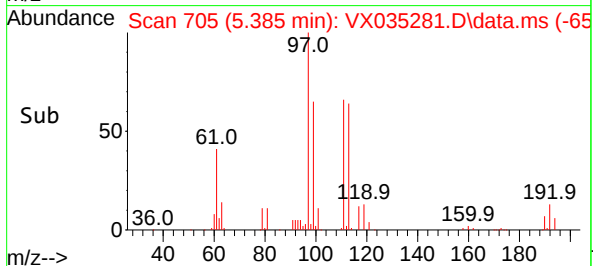
Tgt Ion:	113	Resp:	143638
Ion Ratio	Lower	Upper	
113	100		
111	101.2	83.7	125.5
192	20.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#36

1,1-Dichloropropene

Concen: 46.942 ug/l

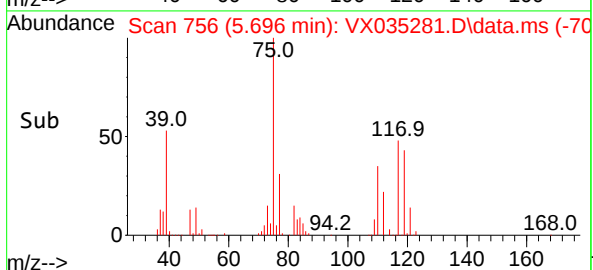
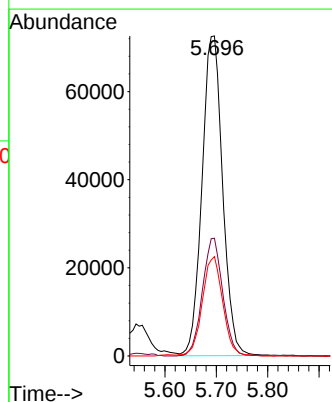
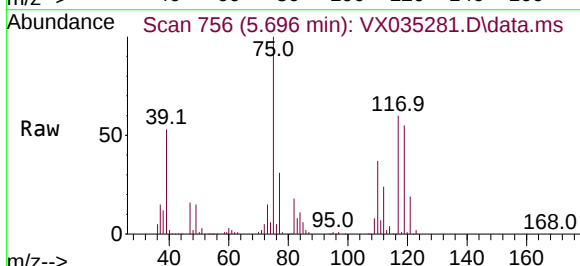
RT: 5.696 min Scan# 756

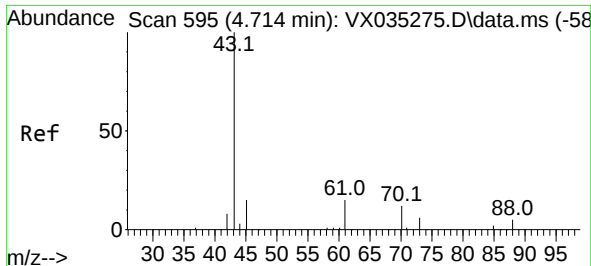
Delta R.T. 0.007 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Tgt Ion:	75	Resp:	202083
Ion Ratio	Lower	Upper	
75	100		
110	36.4	17.5	52.5
77	30.8	24.3	36.5





#37

Ethyl Acetate

Concen: 49.549 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX042523

Tgt Ion: 43 Resp: 194820

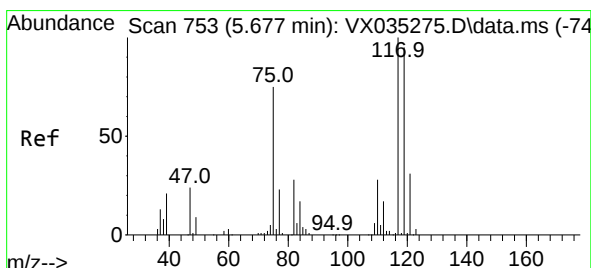
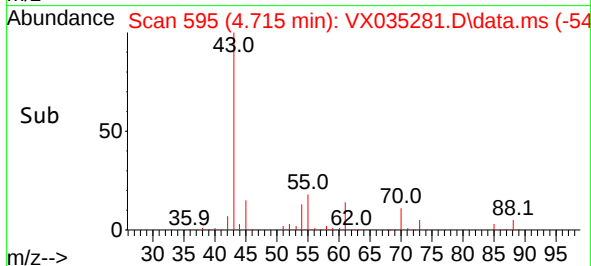
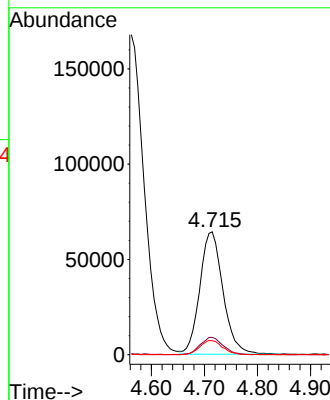
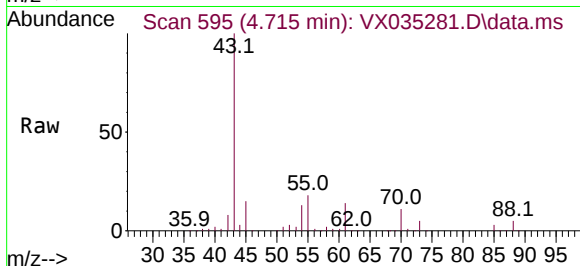
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.2	15.4
70	11.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#38

Carbon Tetrachloride

Concen: 49.749 ug/l

RT: 5.678 min Scan# 753

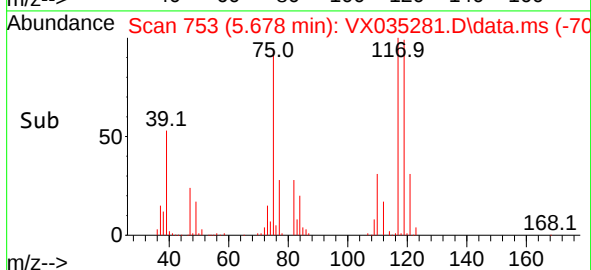
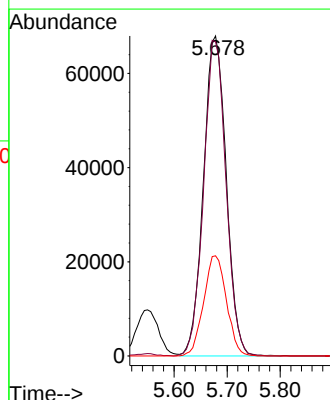
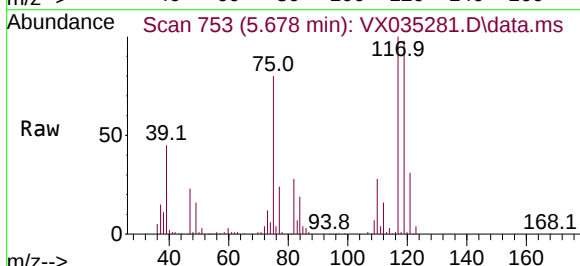
Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Tgt Ion:117 Resp: 203308

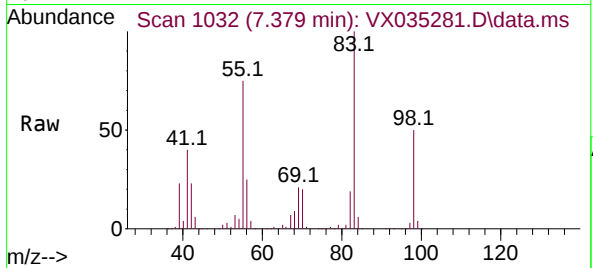
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	114.8
121	31.3	23.8	35.6





#39
Methylcyclohexane
Concen: 49.418 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

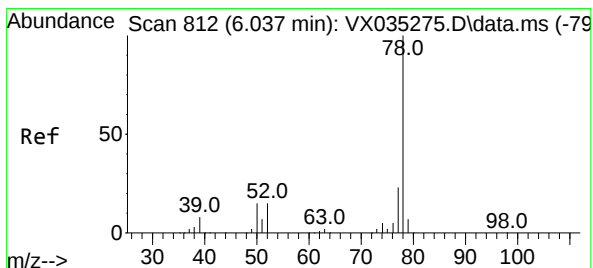
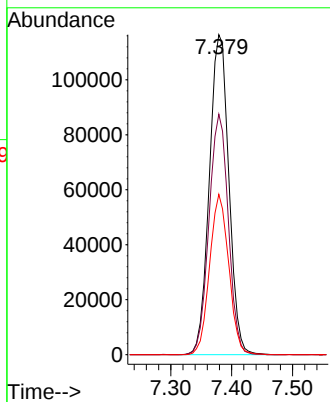
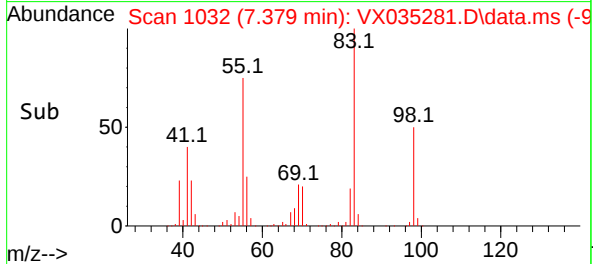
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion: 83 Resp: 258950
Ion Ratio Lower Upper
83 100
55 75.2 60.5 90.7
98 50.1 40.4 60.6

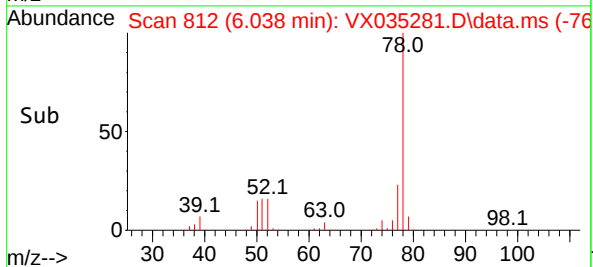
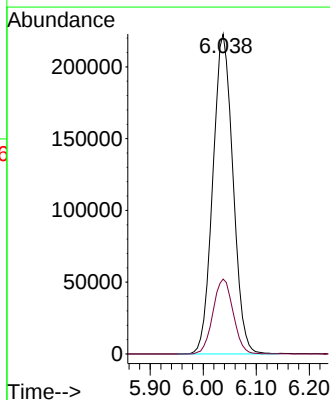
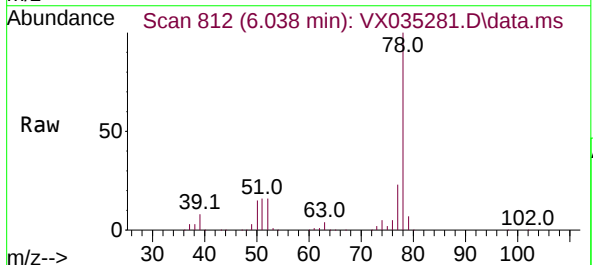
Manual Integrations
APPROVED

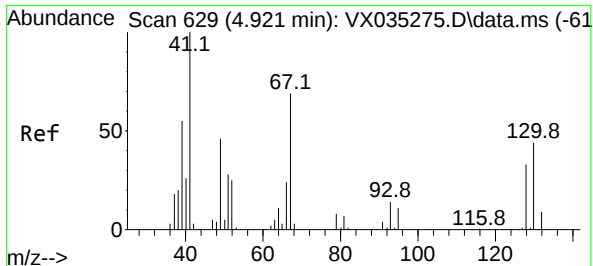
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#40
Benzene
Concen: 47.577 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Tgt Ion: 78 Resp: 587547
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





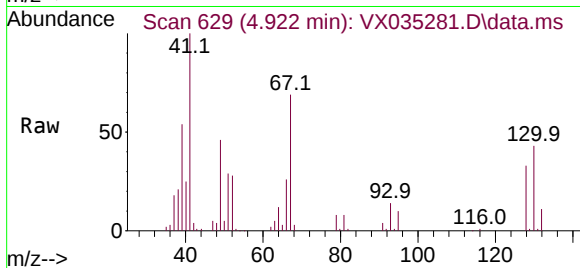
#41
Methacrylonitrile
Concen: 49.843 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523



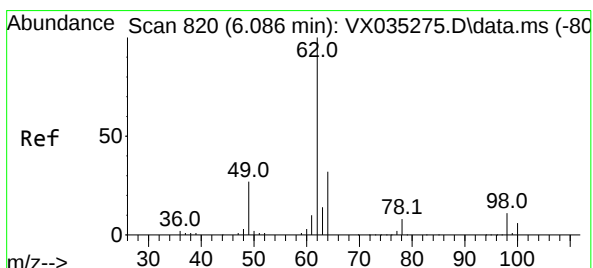
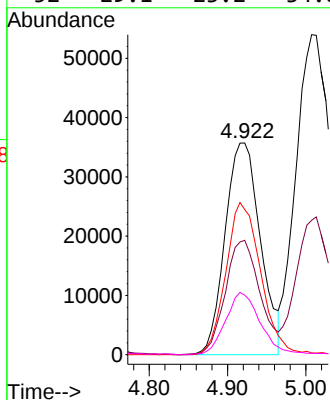
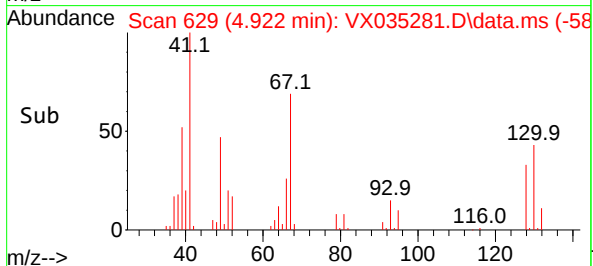
Tgt Ion: 41 Resp: 11229
Ion Ratio Lower Upper
41 100
39 53.1 45.0 67.6
67 71.0 55.6 83.4
52 29.1 23.2 34.8

Manual Integrations

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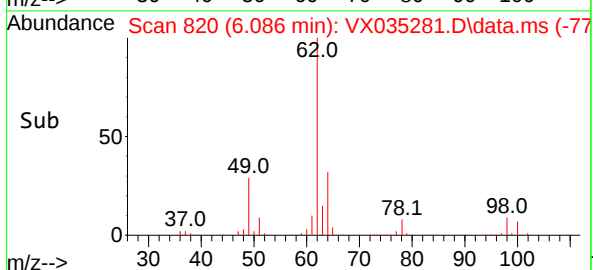
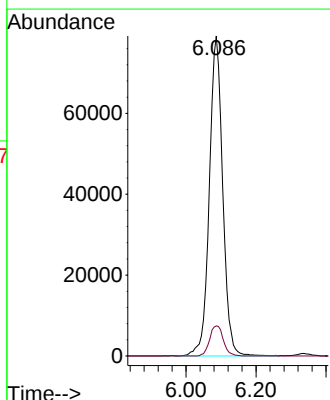
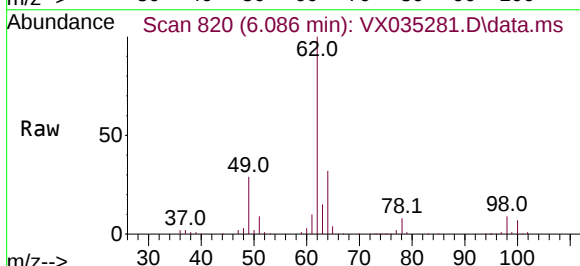
Reviewed By :John Carlone 04/25/2023

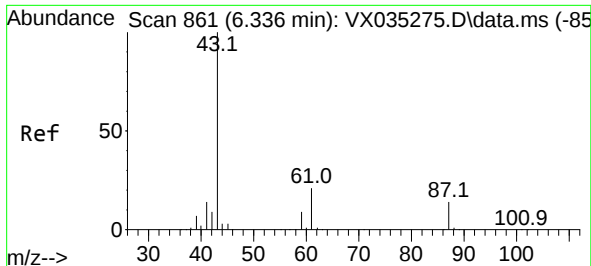
Supervised By :Mahesh Dadoda 04/26/2023



#42
1,2-Dichloroethane
Concen: 47.764 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Tgt Ion: 62 Resp: 210311
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.0





#43

Isopropyl Acetate

Concen: 49.770 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035281.D

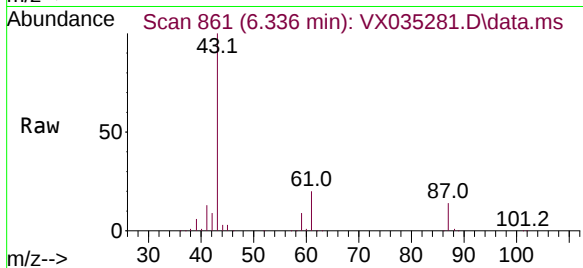
Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX042523



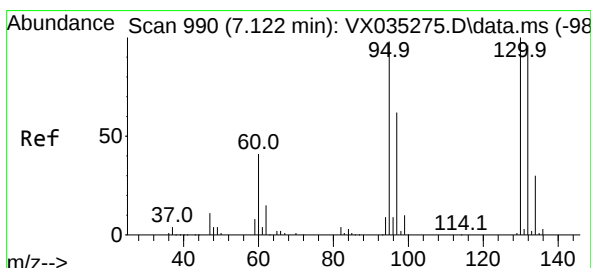
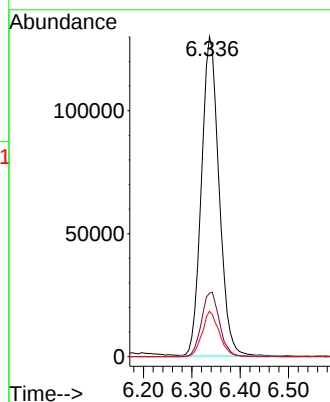
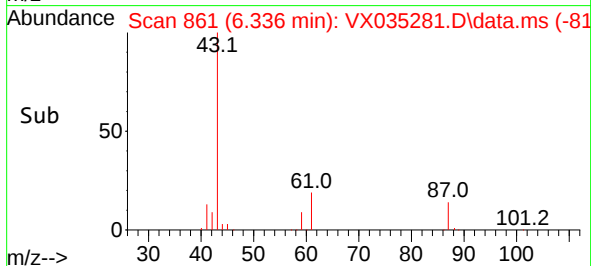
Tgt Ion:	43	Resp:	32881
Ion Ratio	Lower	Upper	
43	100		
61	20.7	15.2	22.8
87	13.8	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#44

Trichloroethene

Concen: 47.983 ug/l

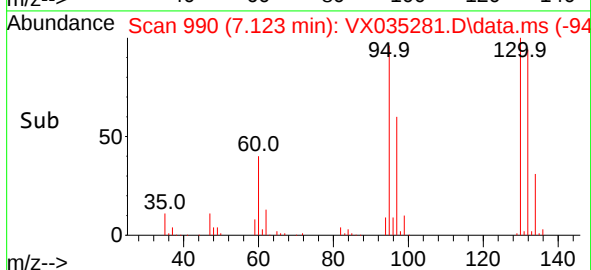
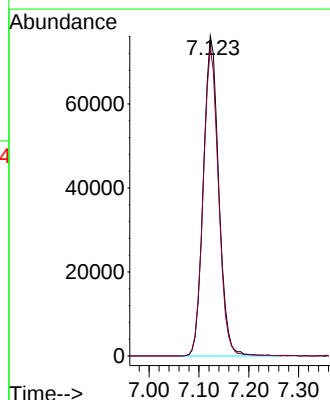
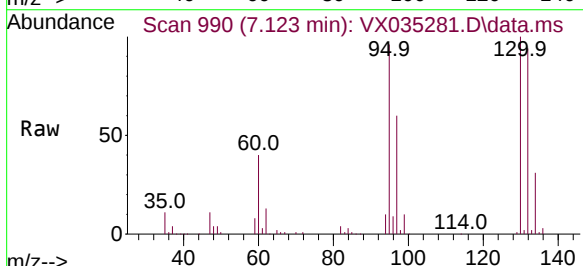
RT: 7.123 min Scan# 990

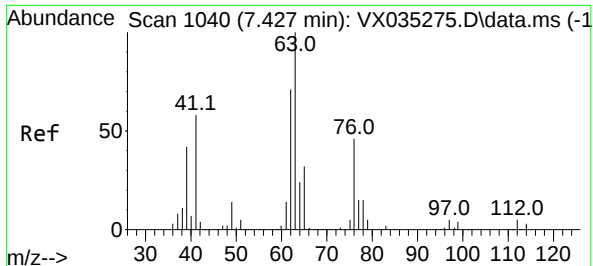
Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Tgt Ion:	130	Resp:	163239
Ion Ratio	Lower	Upper	
130	100		
95	96.3	0.0	198.4





#45

1,2-Dichloropropane

Concen: 48.222 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion: 63 Resp: 150130

Ion Ratio Lower Upper

63 100

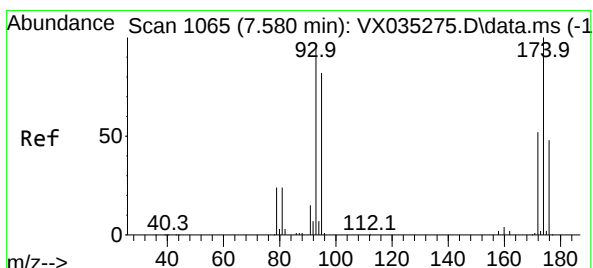
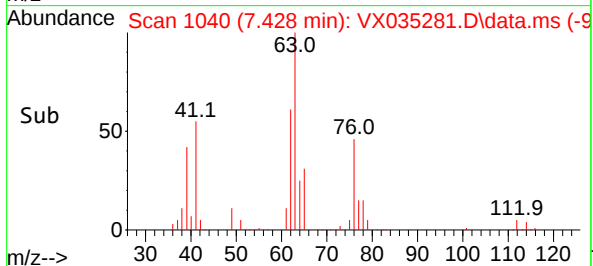
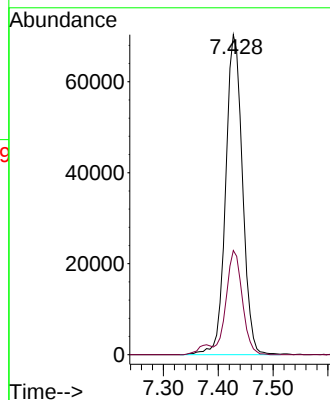
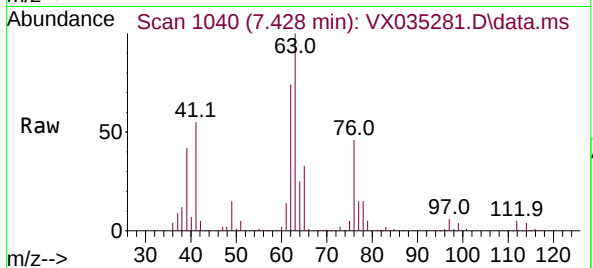
65 32.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#46

Dibromomethane

Concen: 48.318 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

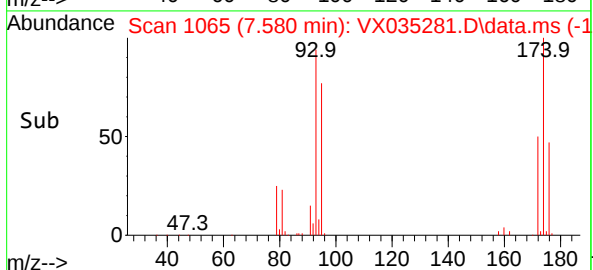
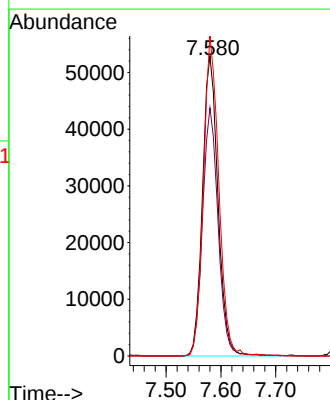
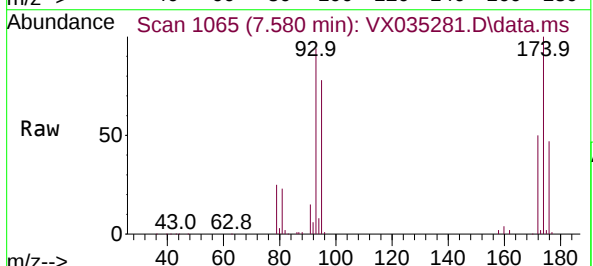
Tgt Ion: 93 Resp: 103305

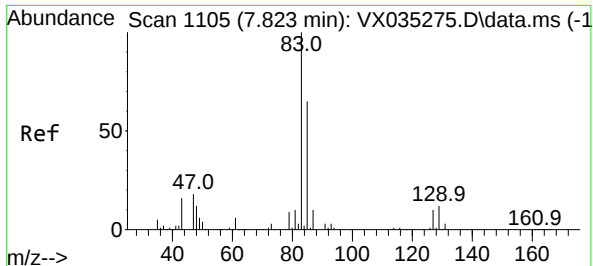
Ion Ratio Lower Upper

93 100

95 83.4 66.9 100.3

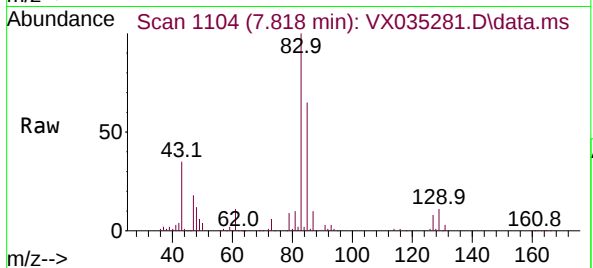
174 105.9 75.4 113.0





#47
Bromodichloromethane
Concen: 50.147 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

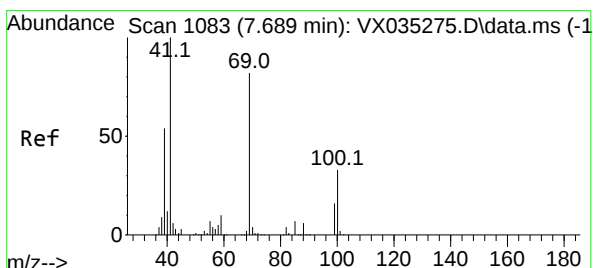
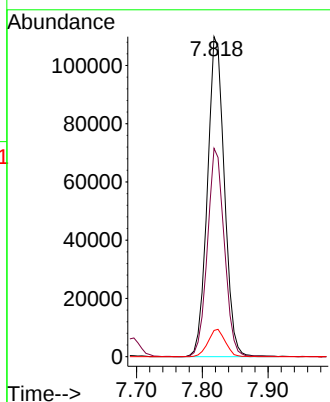
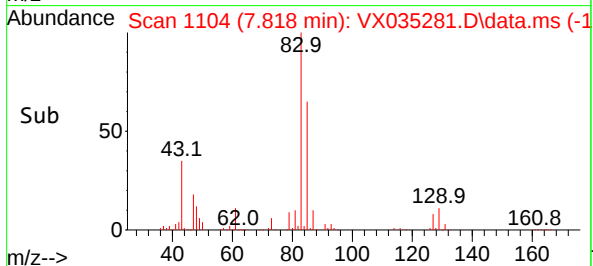
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion: 83 Resp: 19754
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4
127 8.2 6.6 9.8

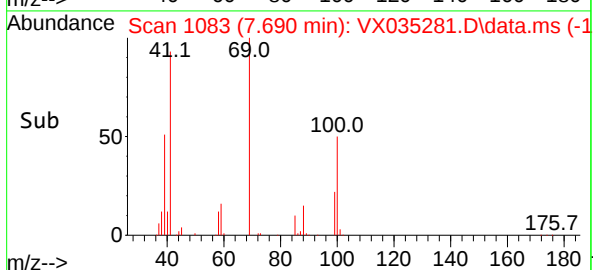
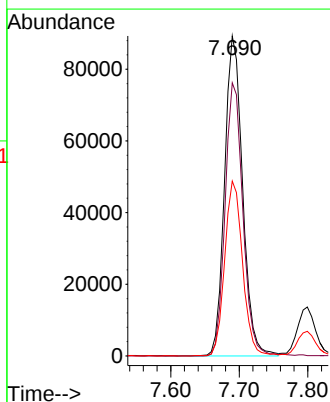
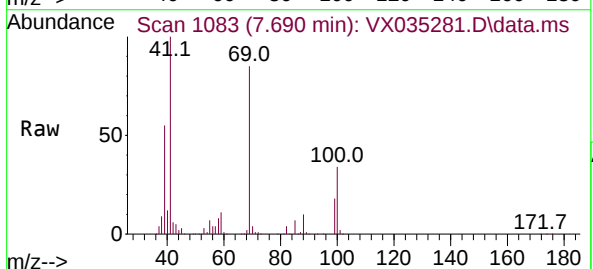
Manual Integrations
APPROVED

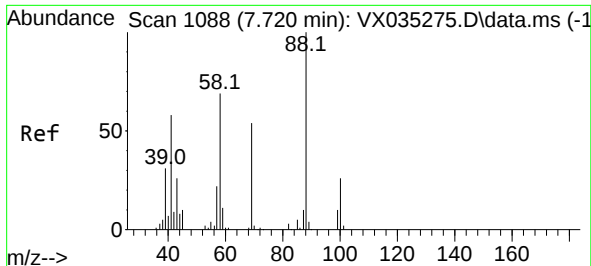
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#48
Methyl methacrylate
Concen: 50.221 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Tgt Ion: 41 Resp: 162755
Ion Ratio Lower Upper
41 100
69 84.3 62.2 93.4
39 54.3 47.7 71.5





#49

1,4-Dioxane

Concen: 932.835 ug/l

RT: 7.714 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion: 88 Resp: 73689

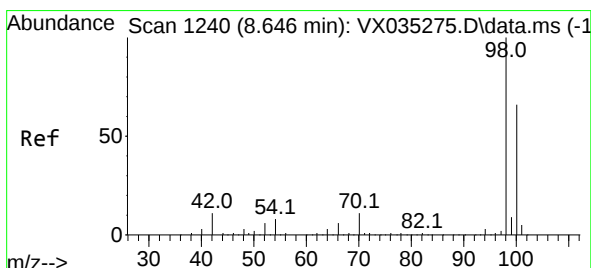
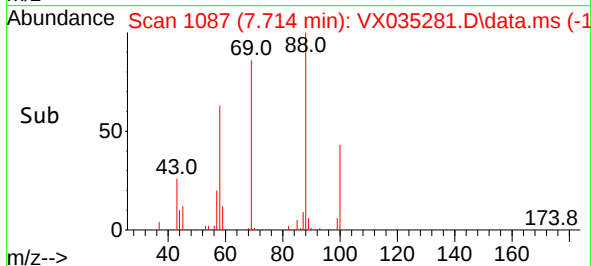
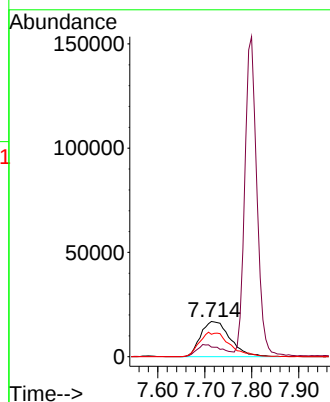
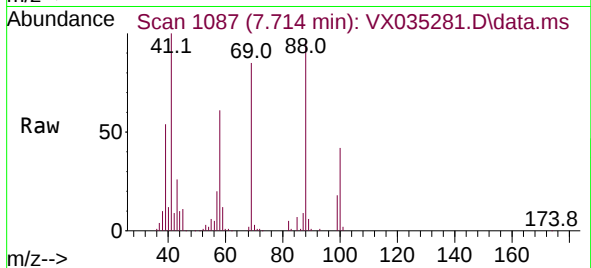
Ion	Ratio	Lower	Upper
88	100		
43	27.8	27.7	41.5
58	30.4	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#50

Toluene-d8

Concen: 50.586 ug/l

RT: 8.647 min Scan# 1240

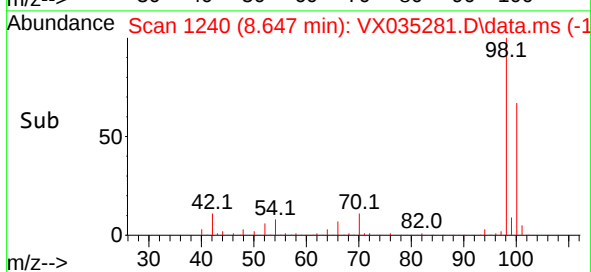
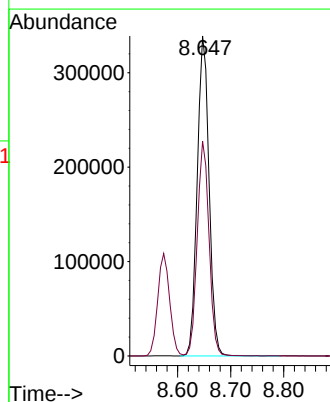
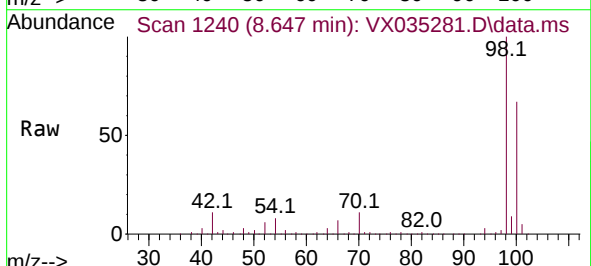
Delta R.T. 0.000 min

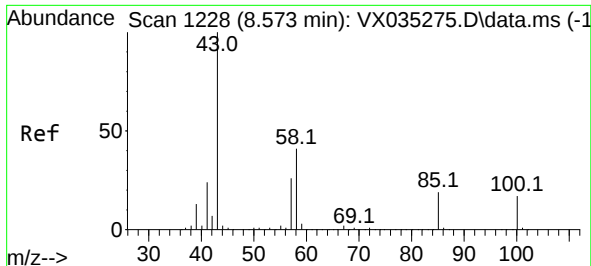
Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Tgt Ion: 98 Resp: 526106

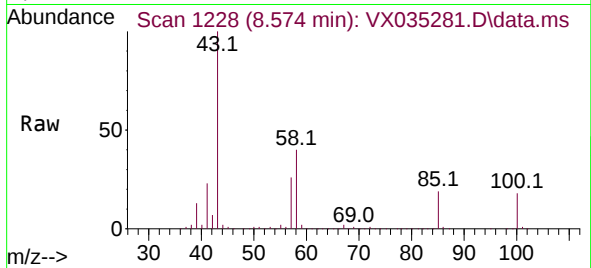
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 240.697 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

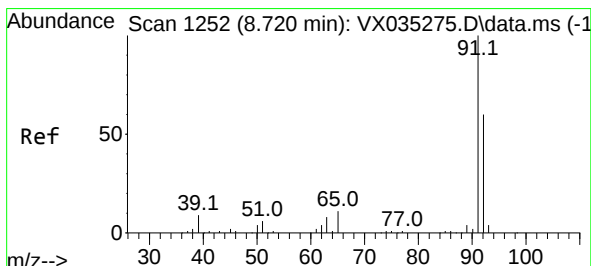
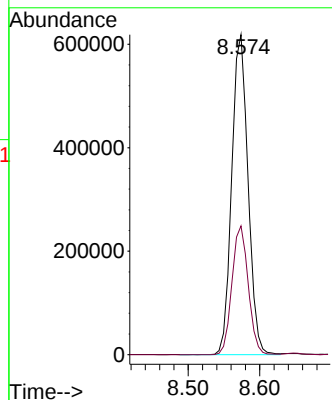
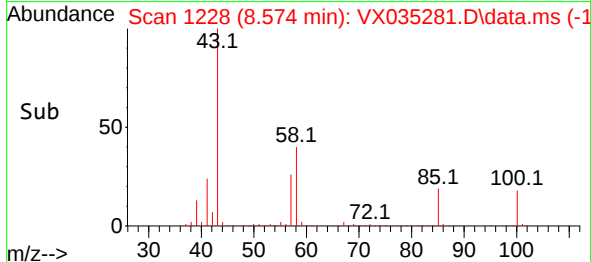
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



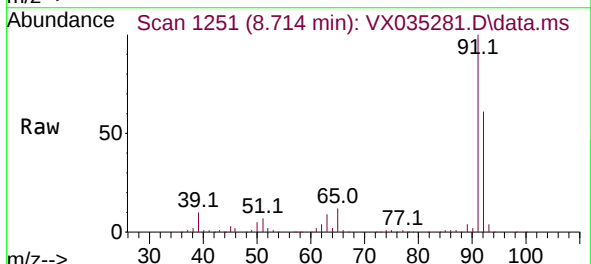
Tgt Ion: 43 Resp: 97697
Ion Ratio Lower Upper
43 100
58 40.2 30.6 46.0

Manual Integrations
APPROVED

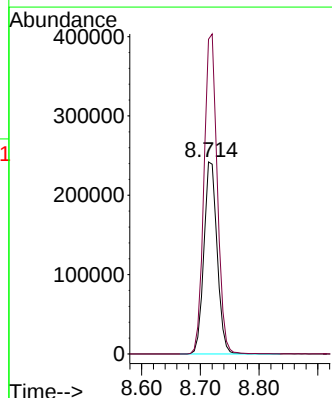
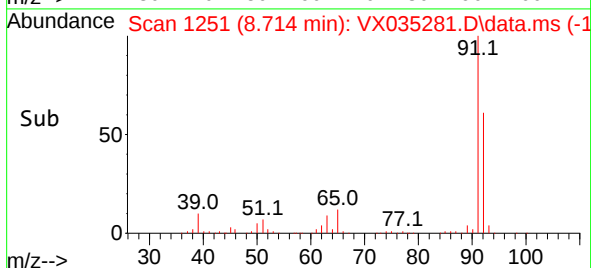
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

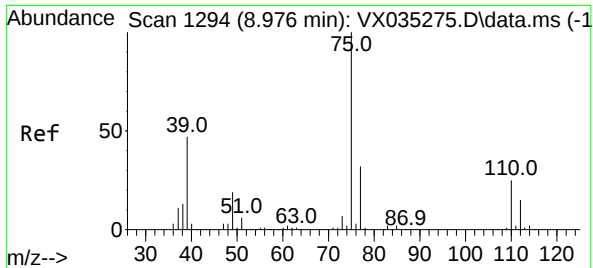


#52
Toluene
Concen: 48.399 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



Tgt Ion: 92 Resp: 378861
Ion Ratio Lower Upper
92 100
91 167.4 136.8 205.2





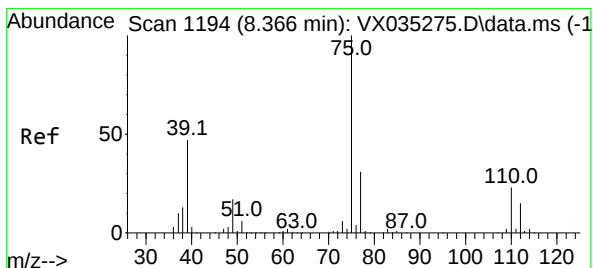
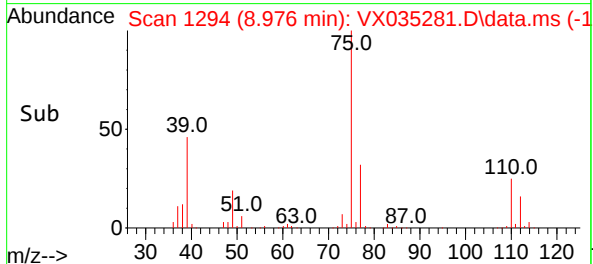
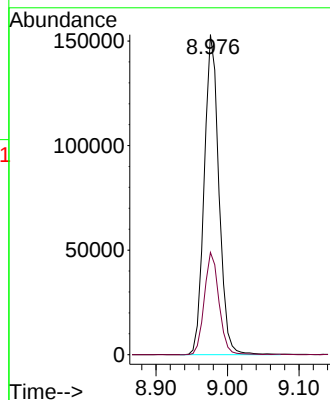
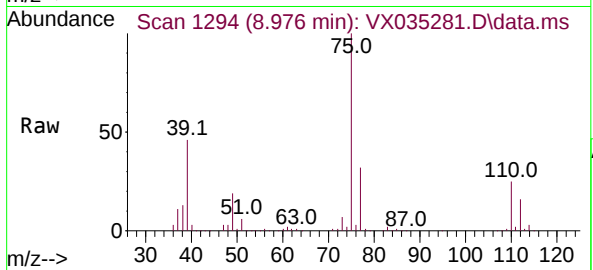
#53
t-1,3-Dichloropropene
Concen: 53.182 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523

Tgt Ion: 75 Resp: 21878
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

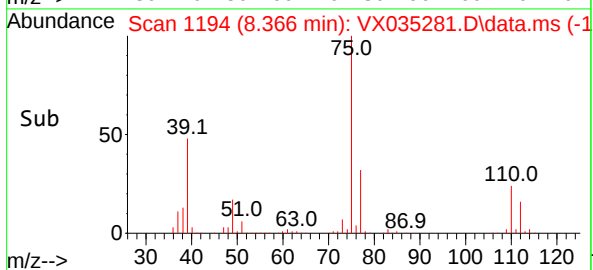
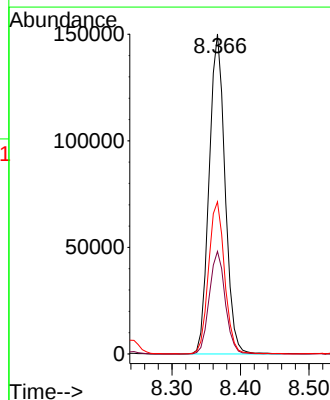
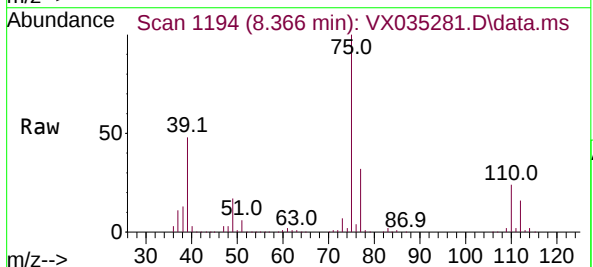
Manual Integrations
APPROVED

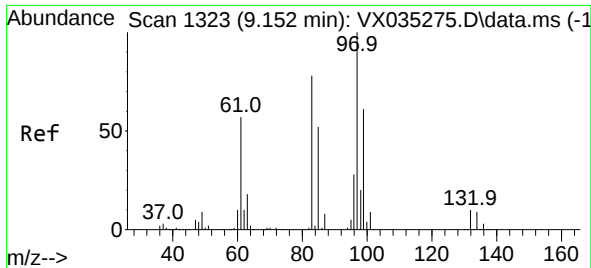
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#54
cis-1,3-Dichloropropene
Concen: 52.136 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Tgt Ion: 75 Resp: 242424
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 47.6 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 47.314 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX042523

Tgt Ion: 97 Resp: 147640

Ion Ratio Lower Upper

97 100

83 85.9 69.7 104.5

85 53.8 43.7 65.5

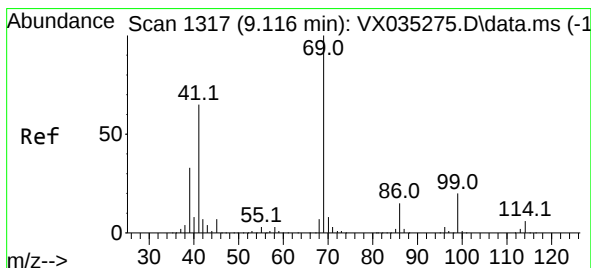
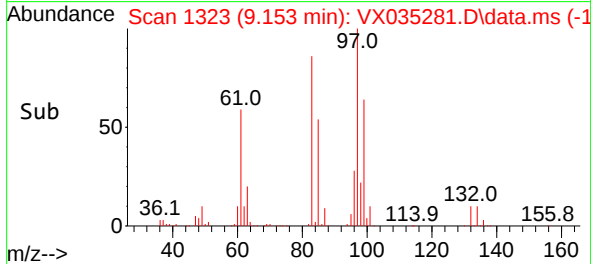
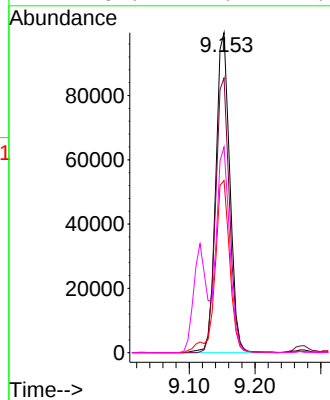
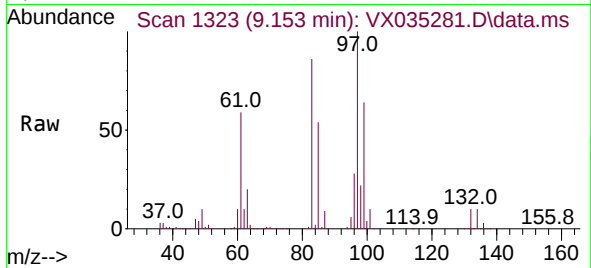
99 64.2 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#56

Ethyl methacrylate

Concen: 50.073 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

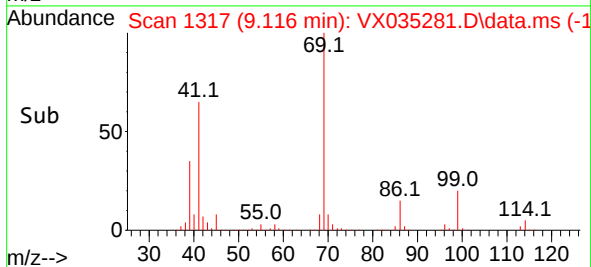
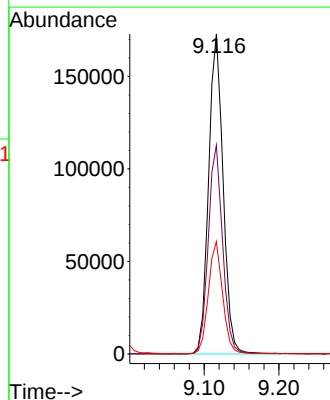
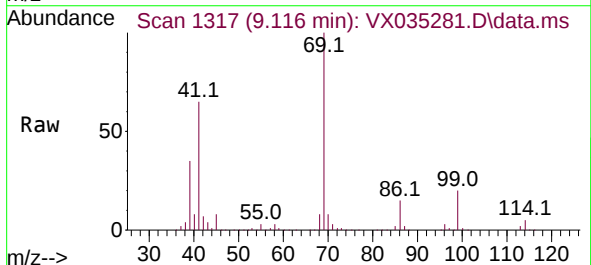
Tgt Ion: 69 Resp: 232771

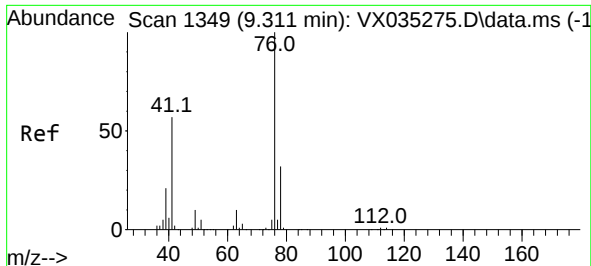
Ion Ratio Lower Upper

69 100

41 64.7 57.4 86.0

39 34.6 33.7 50.5





#57

1,3-Dichloropropane

Concen: 47.378 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion: 76 Resp: 25288

Ion Ratio Lower Upper

76 100

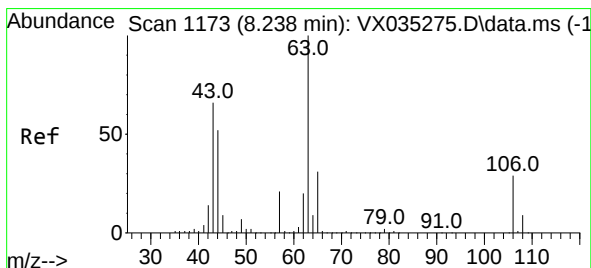
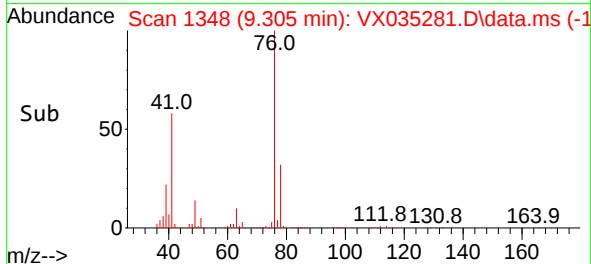
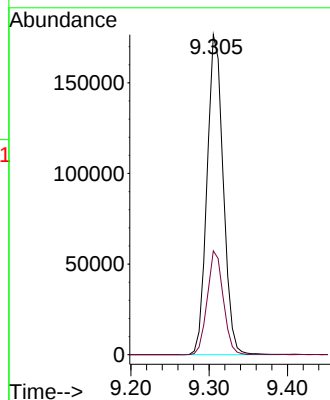
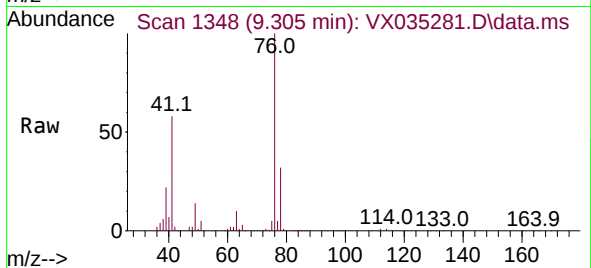
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.317 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035281.D

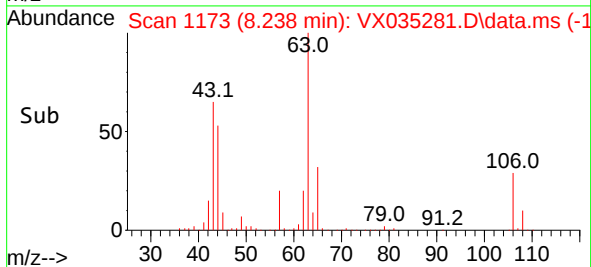
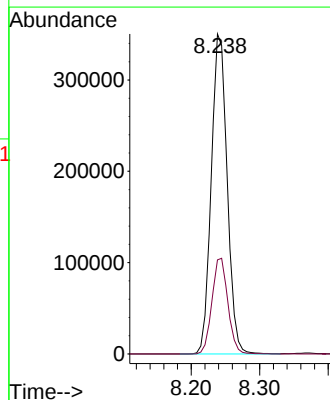
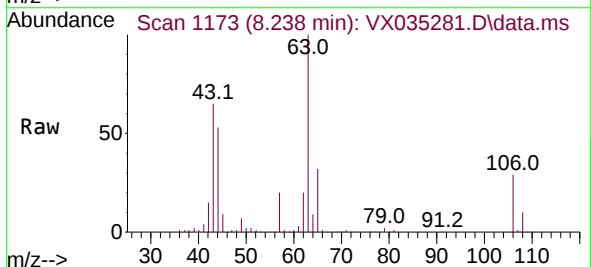
Acq: 25 Apr 2023 14:10

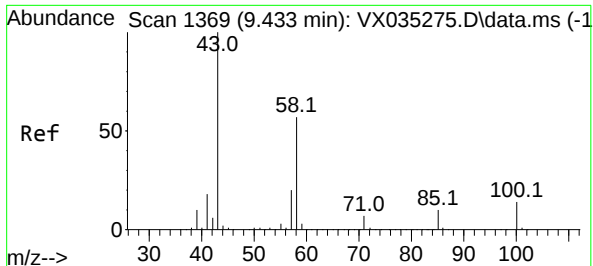
Tgt Ion: 63 Resp: 565561

Ion Ratio Lower Upper

63 100

106 29.9 22.2 33.2





#59

2-Hexanone

Concen: 242.414 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion: 43 Resp: 73918

Ion Ratio Lower Upper

43 100

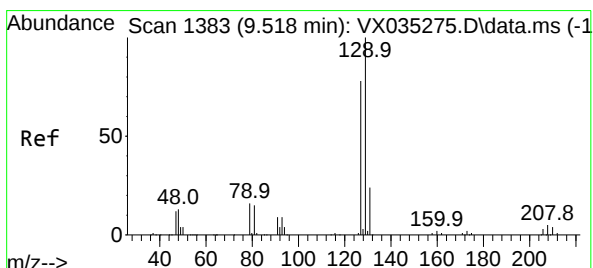
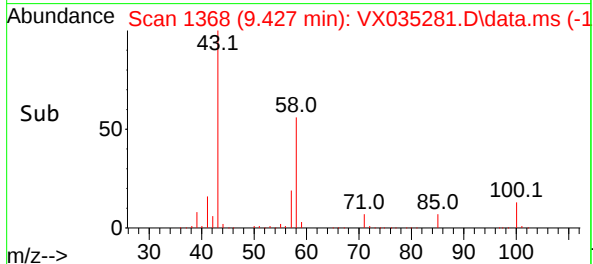
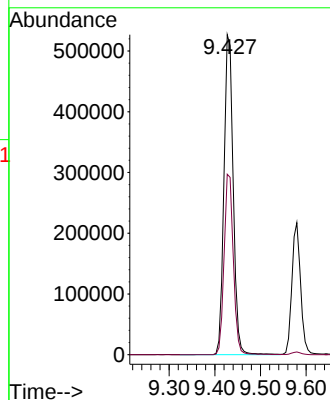
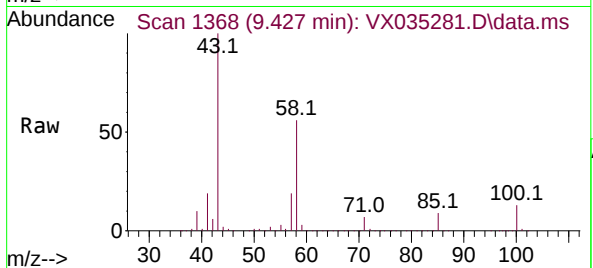
58 56.4 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#60

Dibromochloromethane

Concen: 52.047 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035281.D

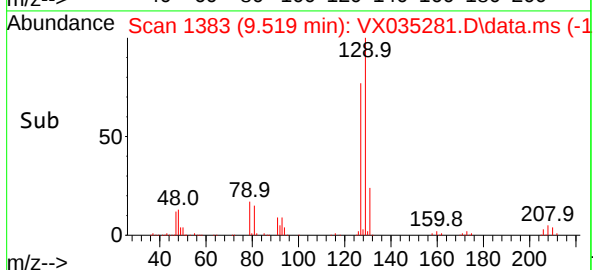
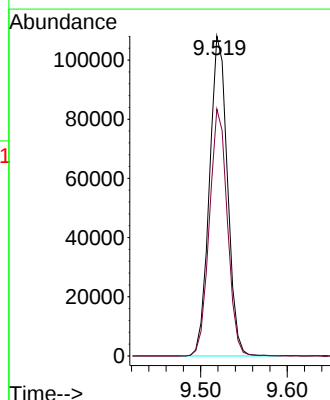
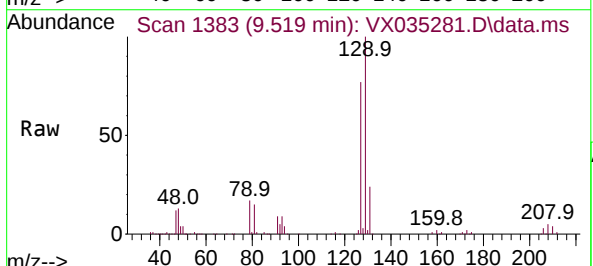
Acq: 25 Apr 2023 14:10

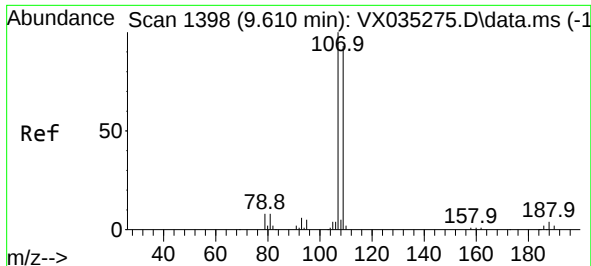
Tgt Ion:129 Resp: 155612

Ion Ratio Lower Upper

129 100

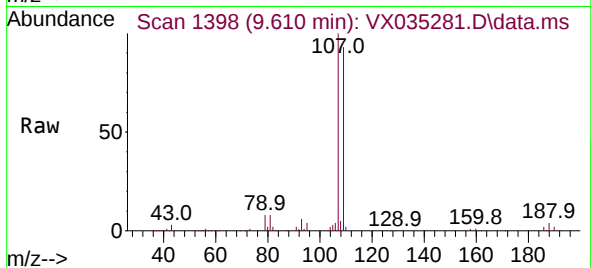
127 77.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 49.153 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

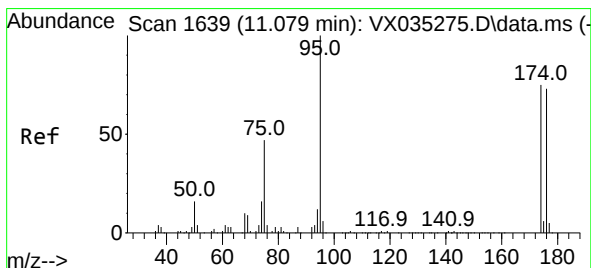
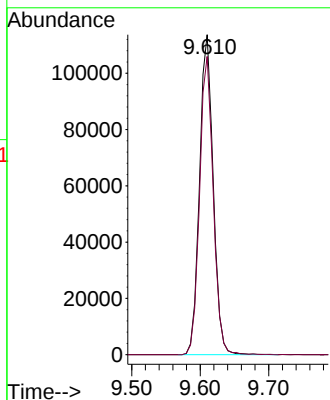
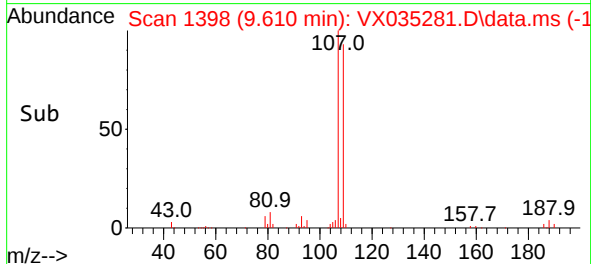
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



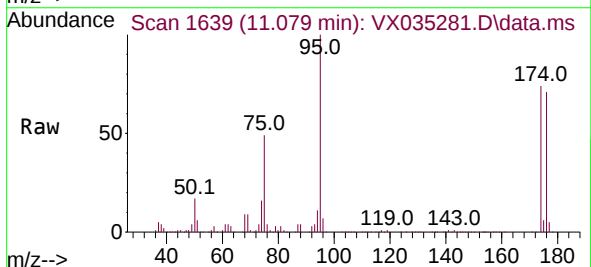
Tgt Ion:107 Resp: 15812
Ion Ratio Lower Upper
107 100
109 93.2 75.3 112.9

Manual Integrations
APPROVED

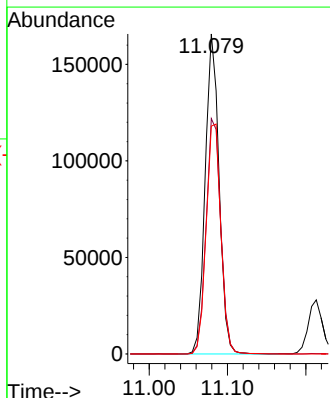
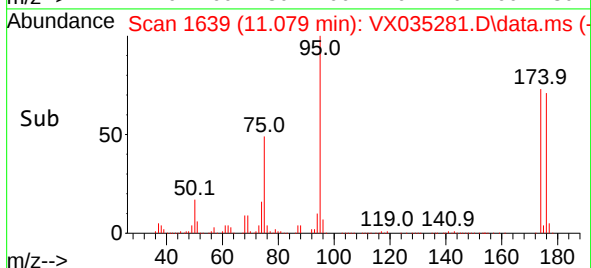
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

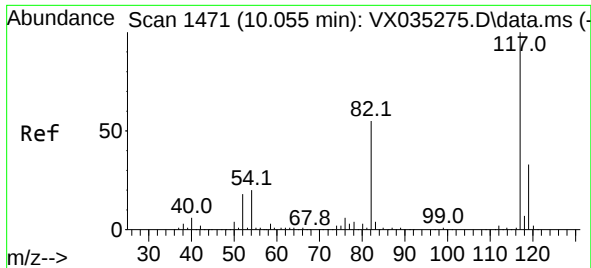


#62
4-Bromofluorobenzene
Concen: 51.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



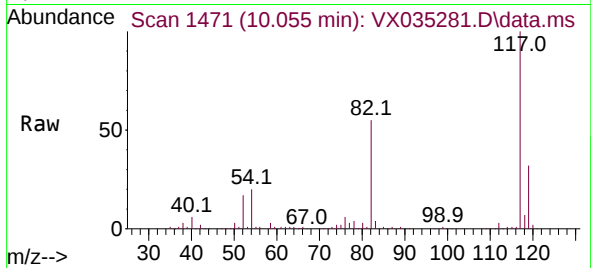
Tgt Ion: 95 Resp: 203041
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.4
176 76.5 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

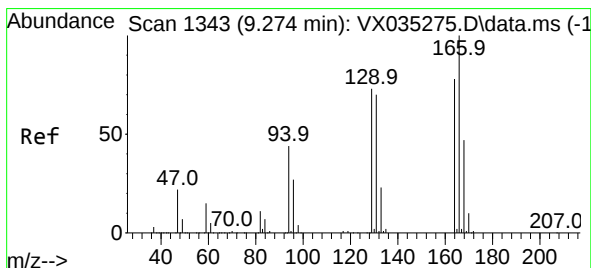
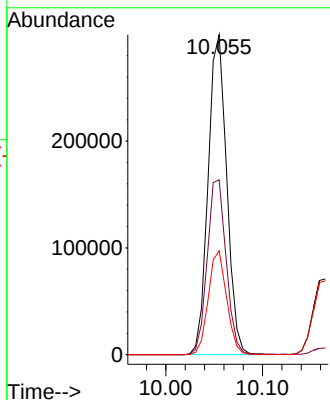
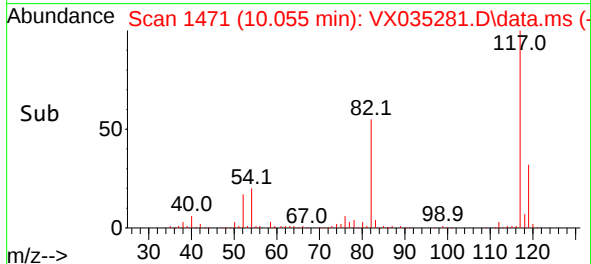
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion:117 Resp: 400874
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.4 26.0 39.0

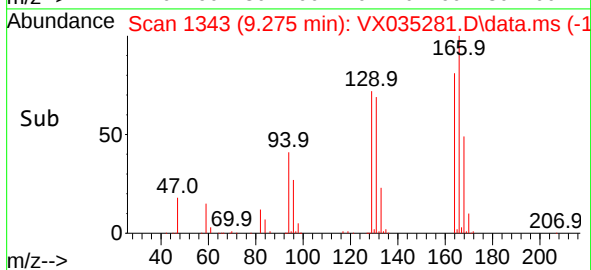
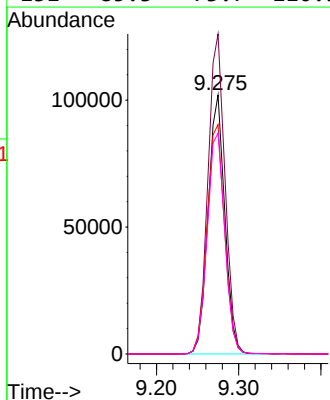
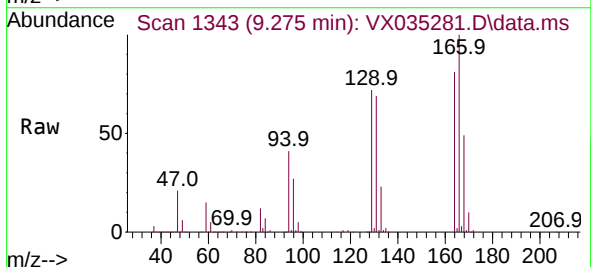
Manual Integrations
APPROVED

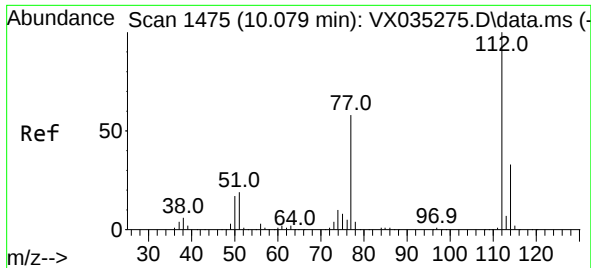
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#64
Tetrachloroethene
Concen: 46.846 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

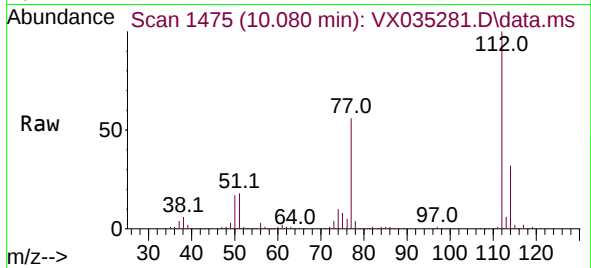
Tgt Ion:164 Resp: 143789
Ion Ratio Lower Upper
164 100
166 123.6 102.7 154.1
129 88.6 75.6 113.4
131 85.3 73.7 110.5





#65
Chlorobenzene
Concen: 46.627 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

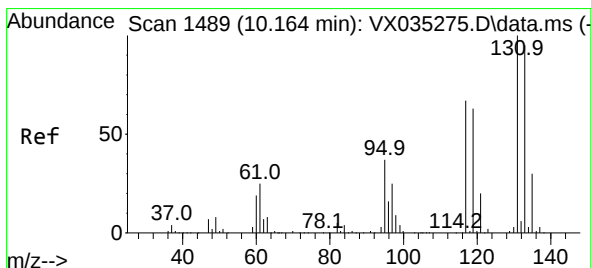
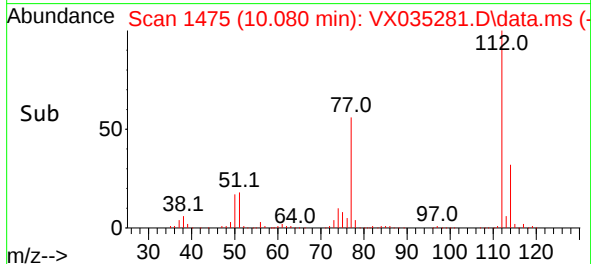
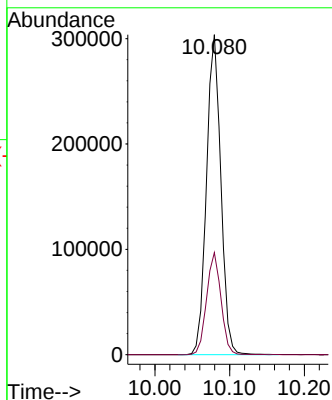
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion:112 Resp: 404394
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

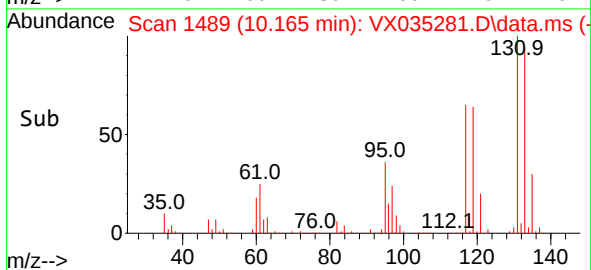
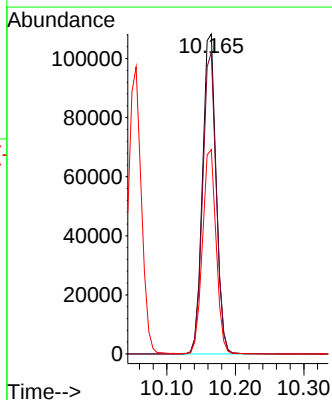
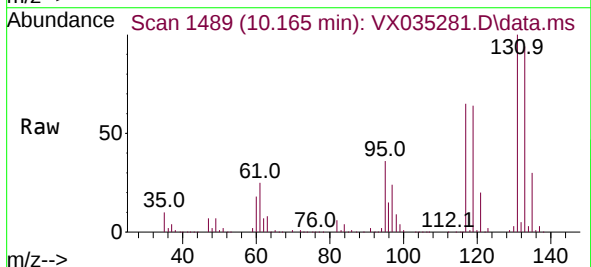
Manual Integrations
APPROVED

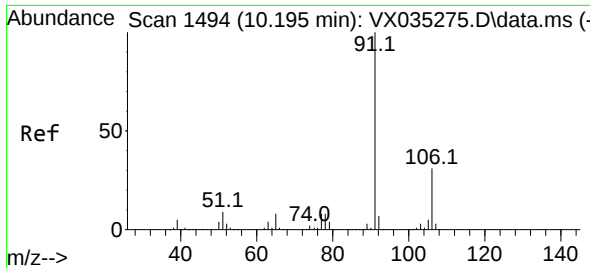
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.646 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

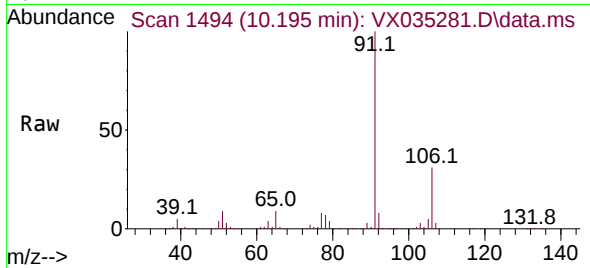
Tgt Ion:131 Resp: 149852
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.4
119 64.2 32.6 98.0





#67
Ethyl Benzene
Concen: 47.963 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

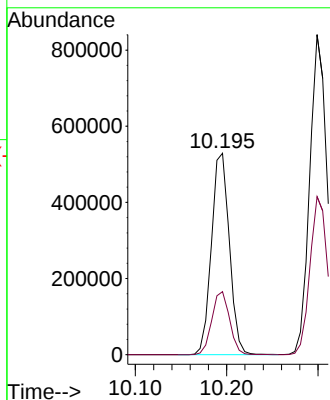
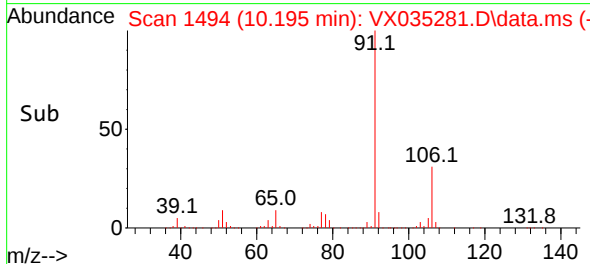
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



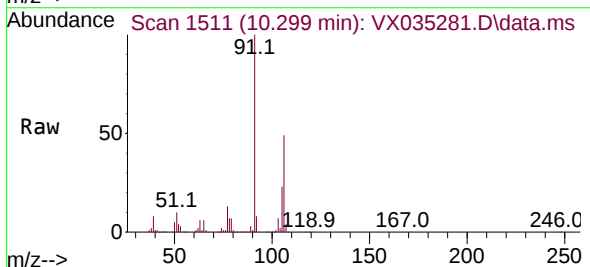
Tgt Ion: 91 Resp: 720398
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

Manual Integrations
APPROVED

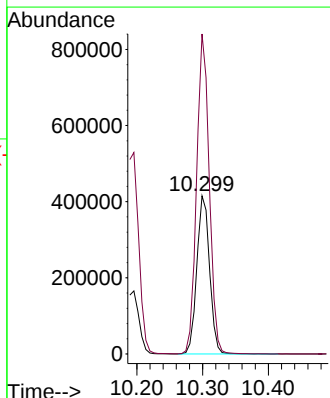
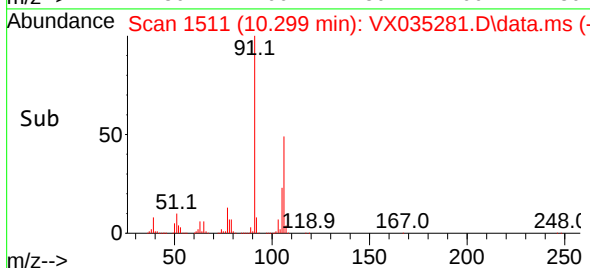
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

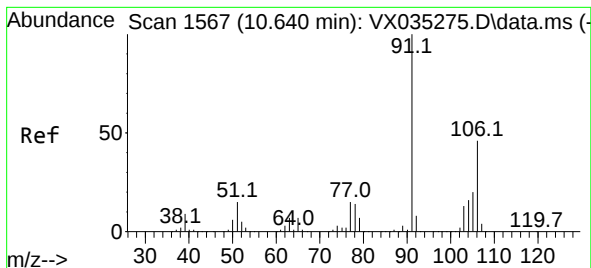


#68
m/p-Xylenes
Concen: 97.041 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



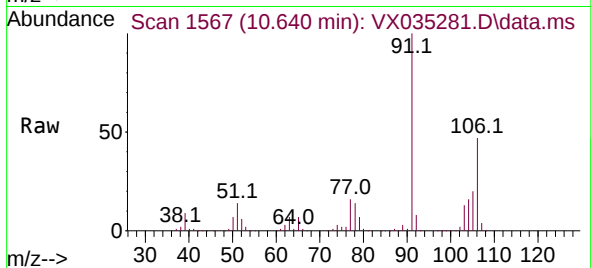
Tgt Ion:106 Resp: 558500
Ion Ratio Lower Upper
106 100
91 200.6 164.0 246.0





#69
o-Xylene
Concen: 48.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

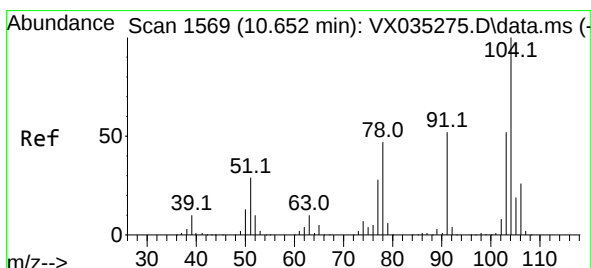
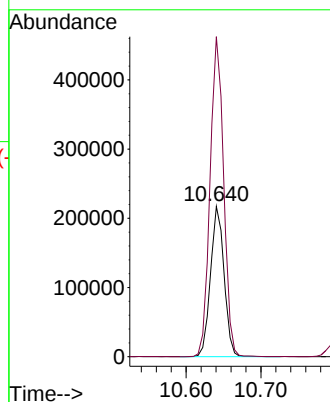
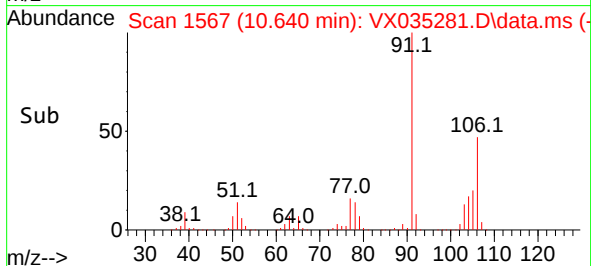
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion:106 Resp: 273429
Ion Ratio Lower Upper
106 100
91 213.3 108.5 325.3

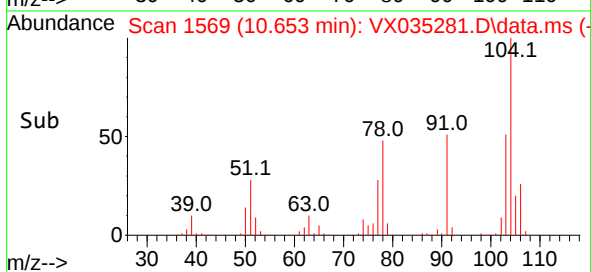
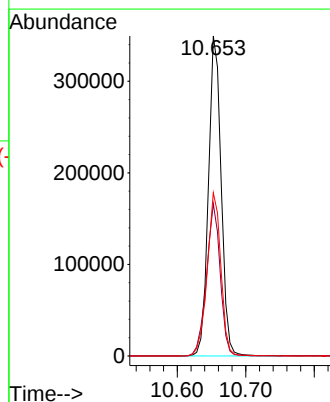
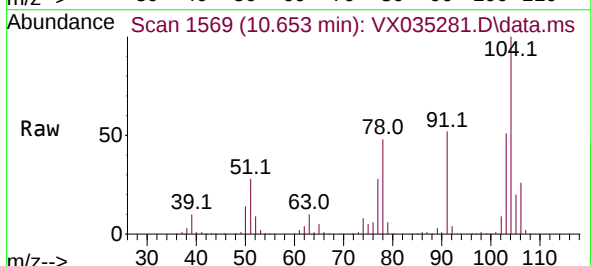
Manual Integrations
APPROVED

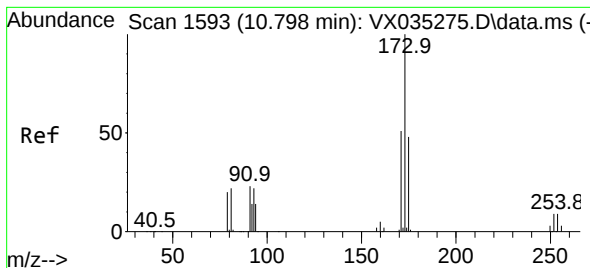
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#70
Styrene
Concen: 49.373 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

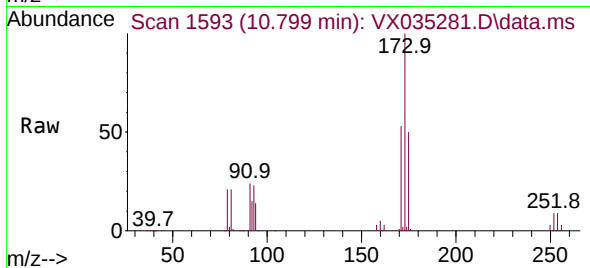
Tgt Ion:104 Resp: 451793
Ion Ratio Lower Upper
104 100
78 51.5 43.4 65.2
103 54.9 44.2 66.2





#71
Bromoform
Concen: 51.811 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

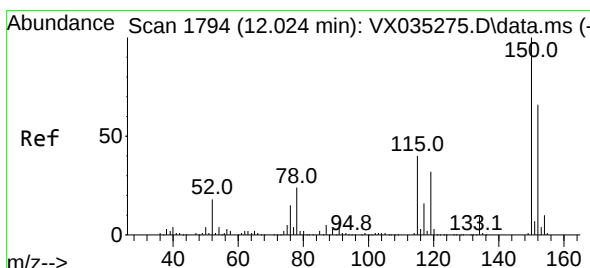
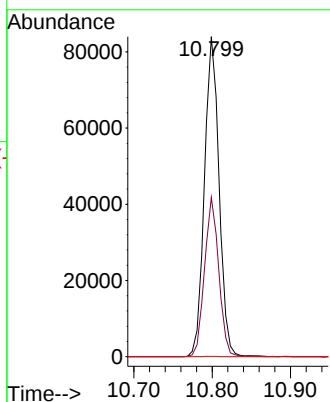
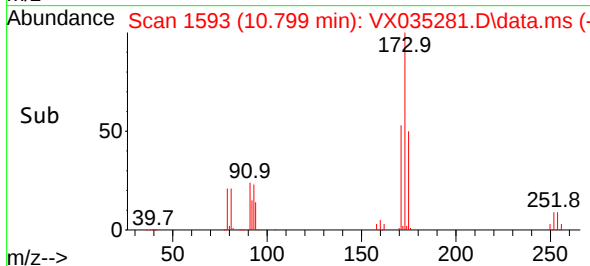
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



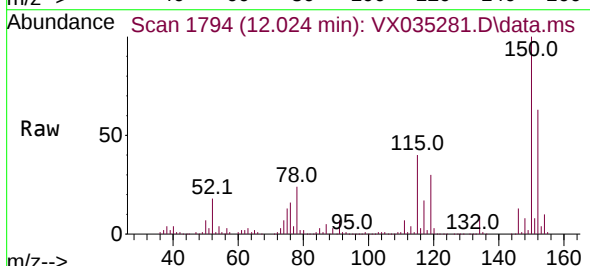
Tgt Ion:173 Resp: 108772
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

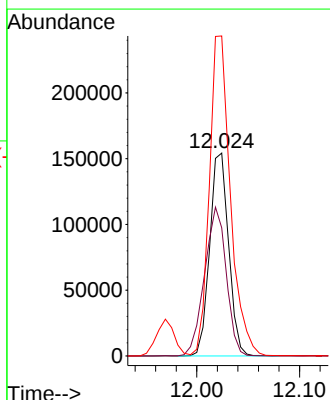
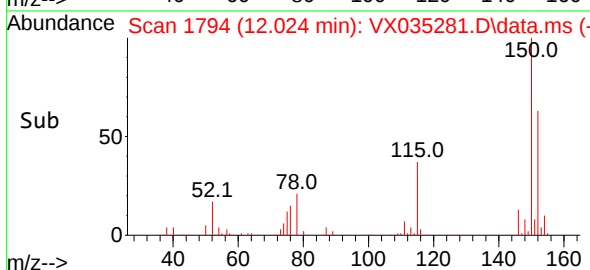
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

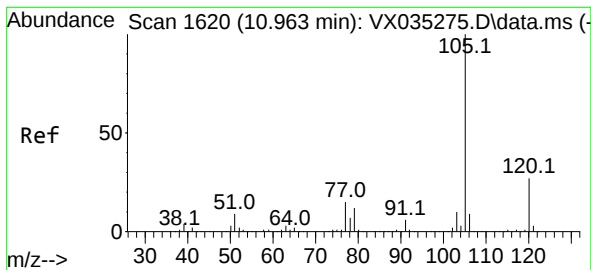


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



Tgt Ion:152 Resp: 196598
Ion Ratio Lower Upper
152 100
115 84.5 45.0 135.0
150 175.5 0.0 352.4





#73

Isopropylbenzene

Concen: 49.735 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion:105 Resp: 71475

Ion Ratio Lower Upper

105 100

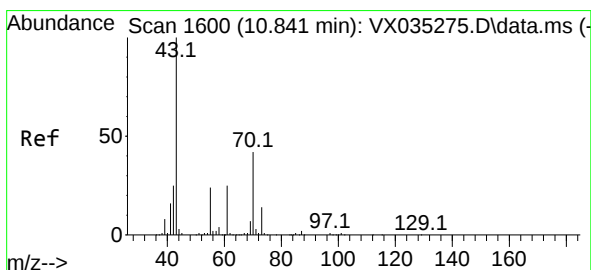
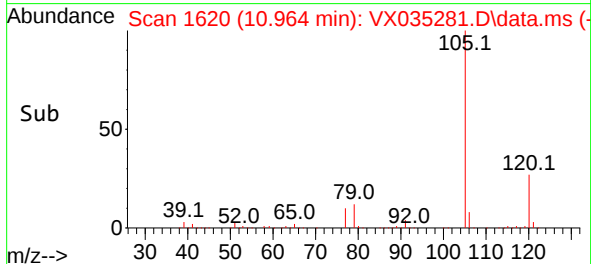
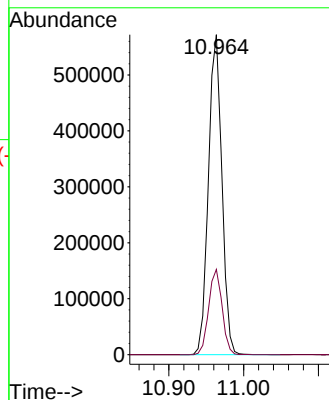
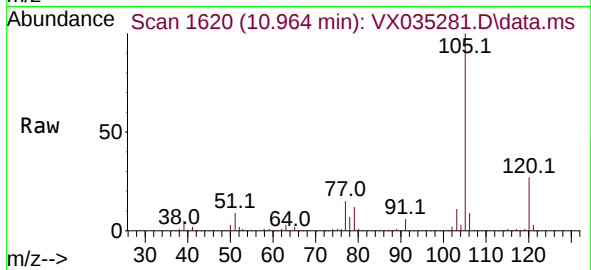
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#74

N-ethyl acetate

Concen: 51.954 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Tgt Ion: 43 Resp: 280591

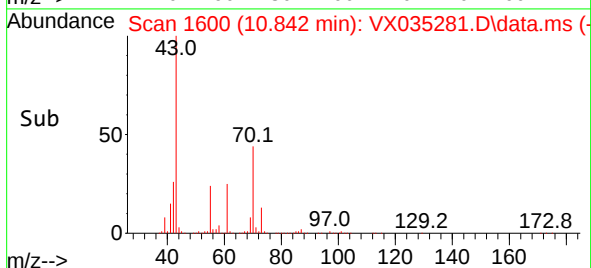
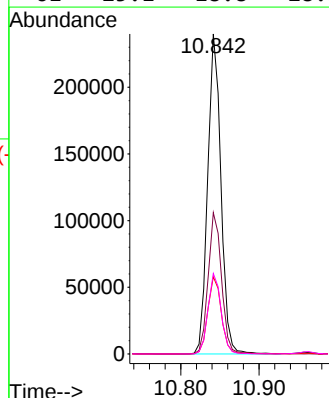
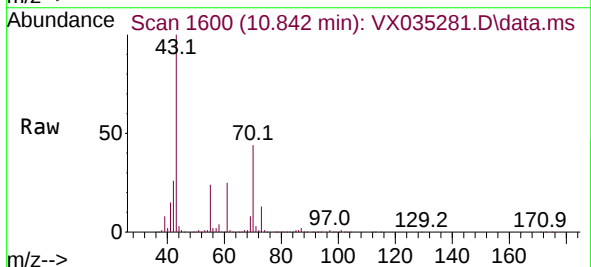
Ion Ratio Lower Upper

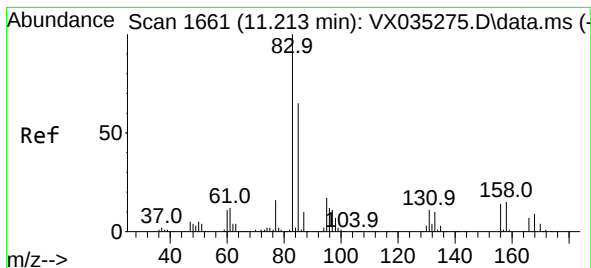
43 100

70 44.7 32.1 48.1

55 24.8 18.3 27.5

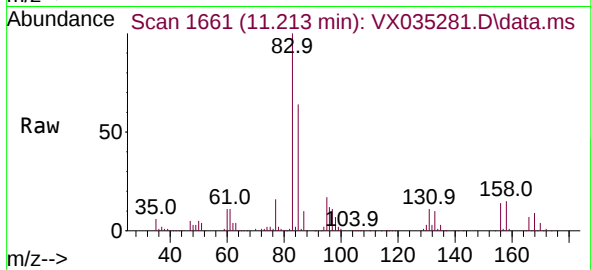
61 25.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.543 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

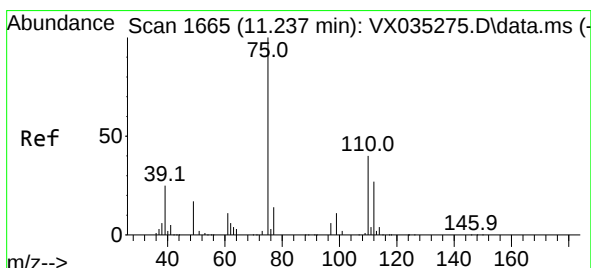
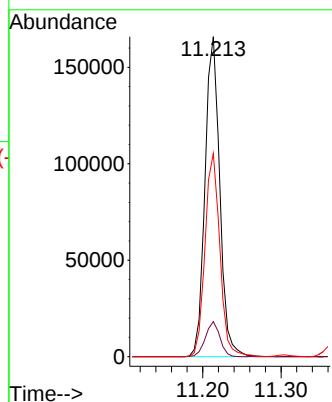
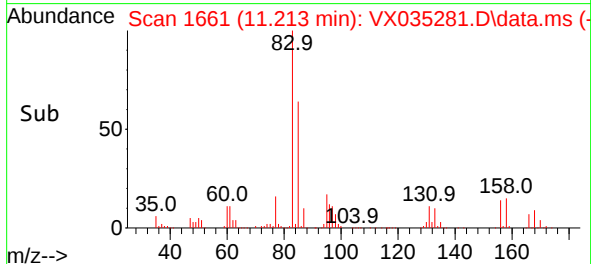
Instrument :
MSVOA_X
ClientSampleId :
ICVX042523



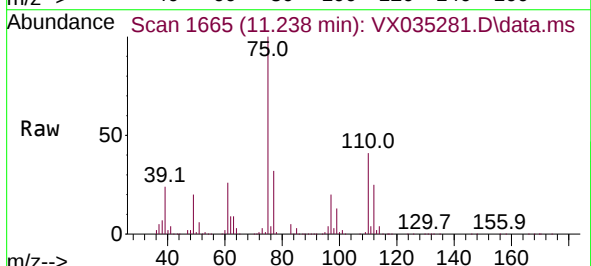
Tgt Ion: 83 Resp: 21652
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.3
85 64.0 32.0 96.0

Manual Integrations
APPROVED

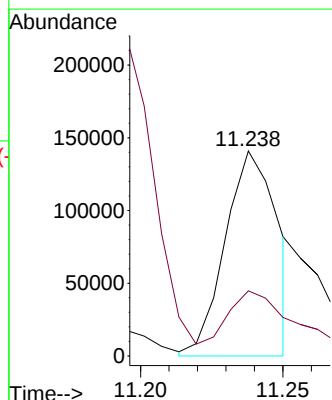
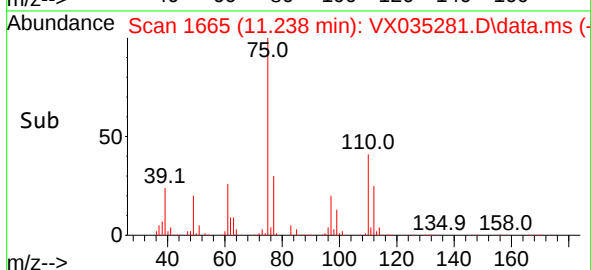
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

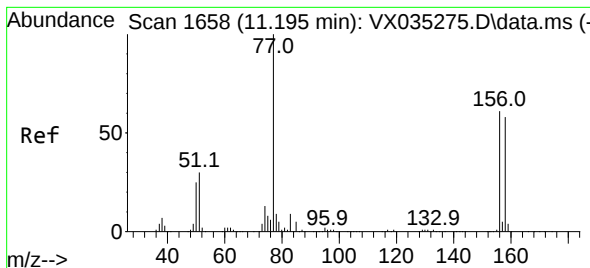


#76
1,2,3-Trichloropropane
Concen: 45.929 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



Tgt Ion: 75 Resp: 180119
Ion Ratio Lower Upper
75 100
77 42.7 21.6 64.8





#77

Bromobenzene

Concen: 48.984 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion:156 Resp: 174988

Ion Ratio Lower Upper

156 100

77 155.4 86.7 259.9

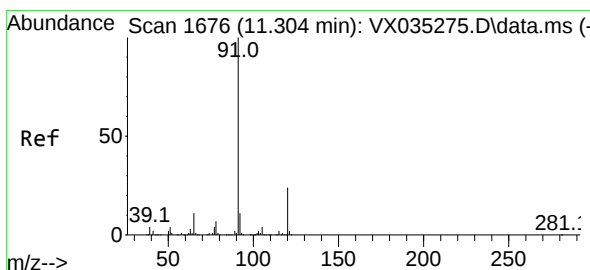
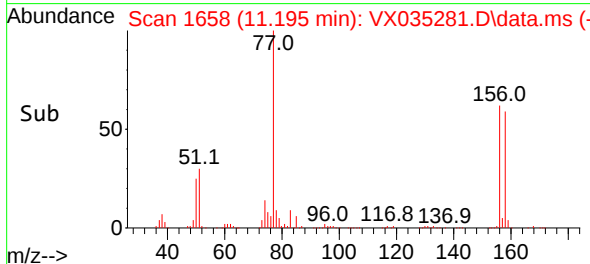
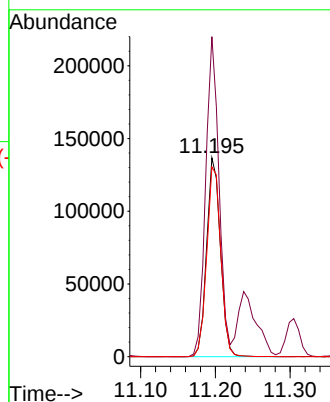
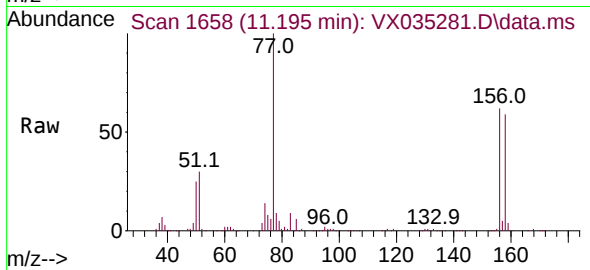
158 97.5 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#78

n-propylbenzene

Concen: 49.853 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035281.D

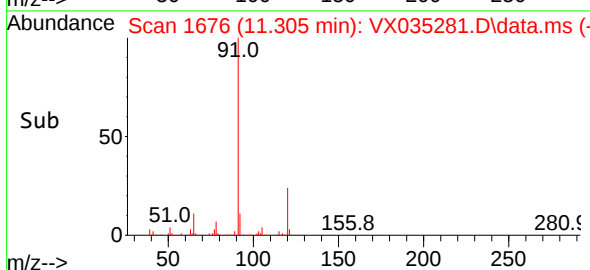
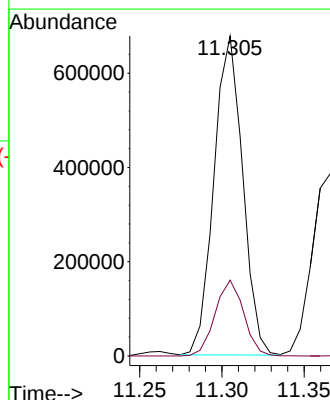
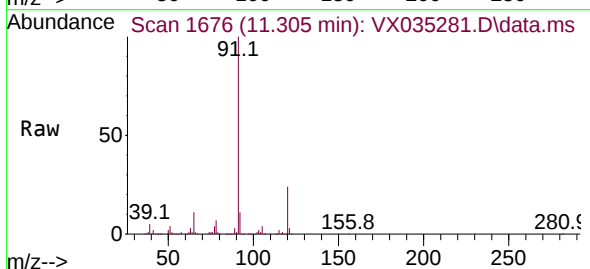
Acq: 25 Apr 2023 14:10

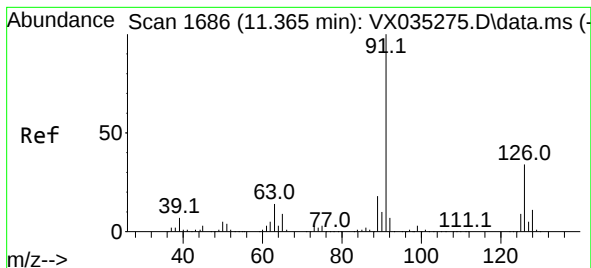
Tgt Ion: 91 Resp: 822827

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5





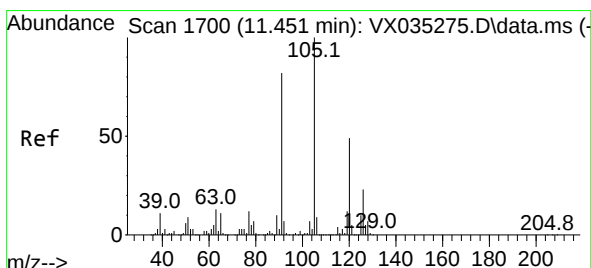
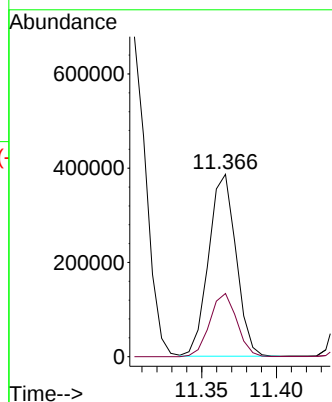
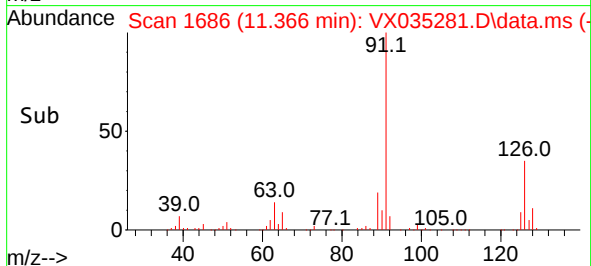
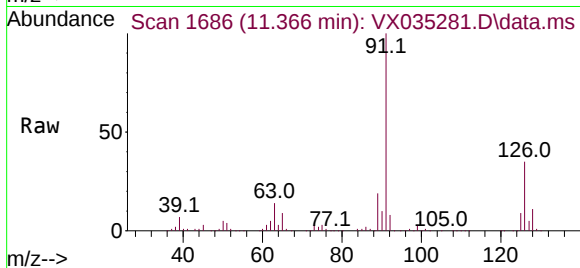
#79
2-Chlorotoluene
Concen: 47.819 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523

Tgt Ion: 91 Resp: 49319
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.9

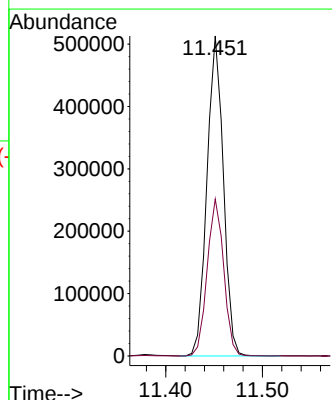
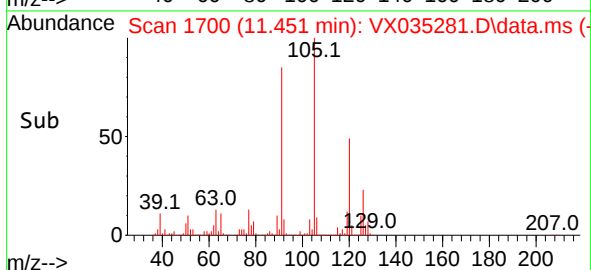
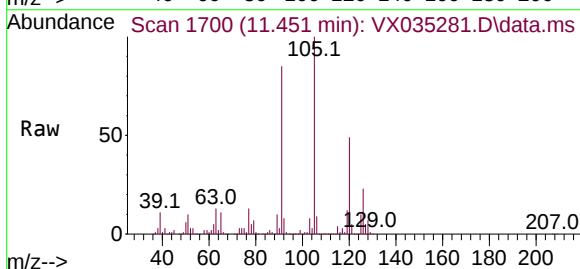
Manual Integrations
APPROVED

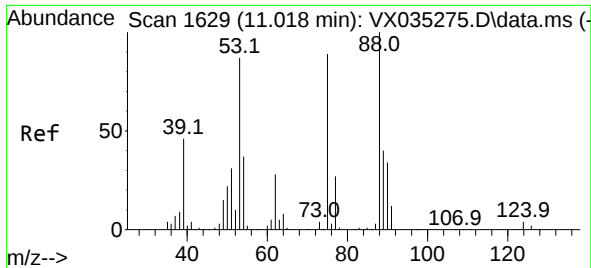
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.983 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

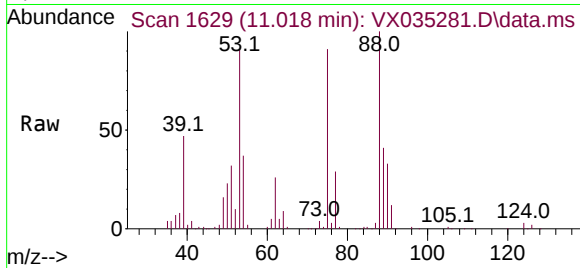
Tgt Ion:105 Resp: 605675
Ion Ratio Lower Upper
105 100
120 49.5 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 52.420 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

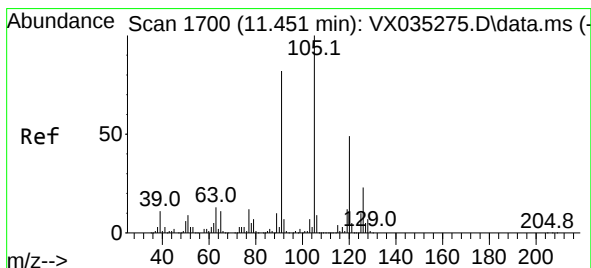
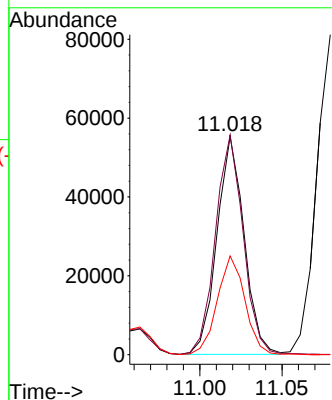
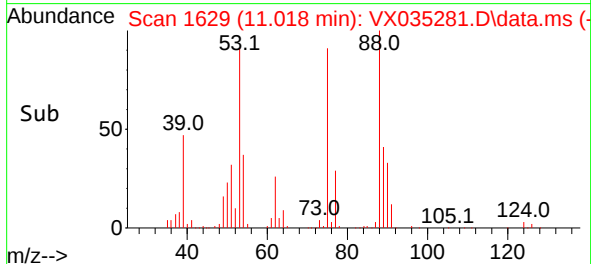
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



Tgt Ion: 75 Resp: 63472
Ion Ratio Lower Upper
75 100
53 103.3 82.6 124.0
89 46.3 36.9 55.3

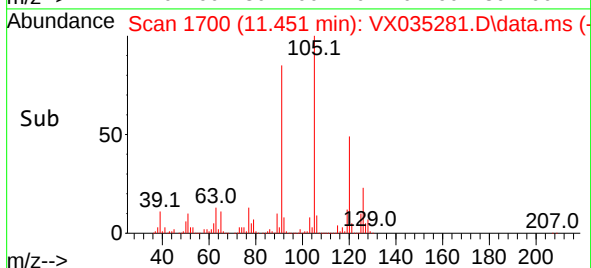
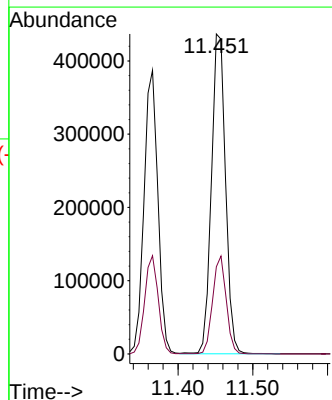
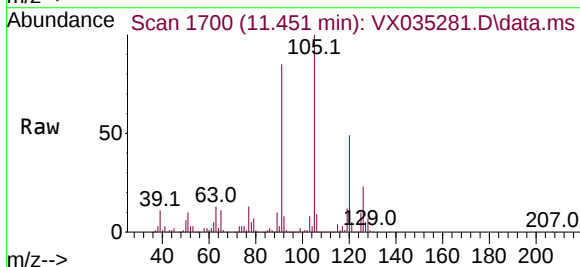
Manual Integrations
APPROVED

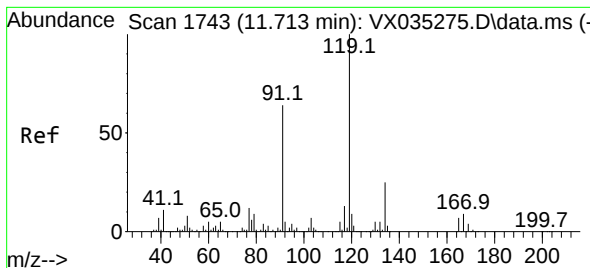
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#82
4-Chlorotoluene
Concen: 49.376 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Tgt Ion: 91 Resp: 571959
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.244 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX042523

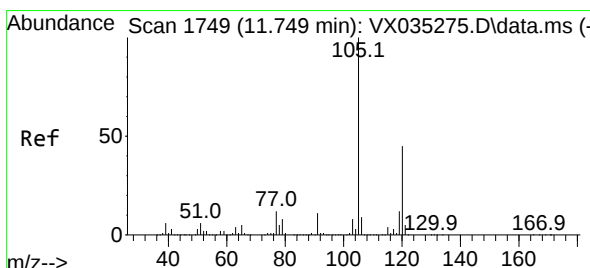
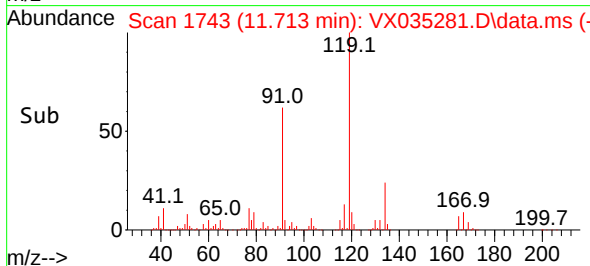
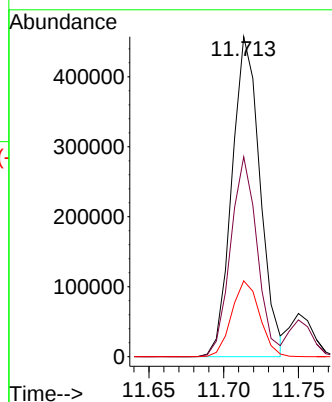
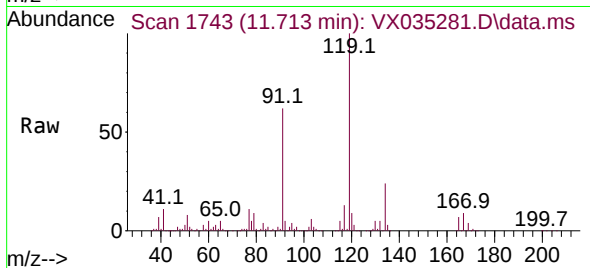
Tgt Ion:	119	Resp:	59872
Ion Ratio	Lower	Upper	
119	100		
91	59.1	30.6	92.0
134	23.5	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.718 ug/l

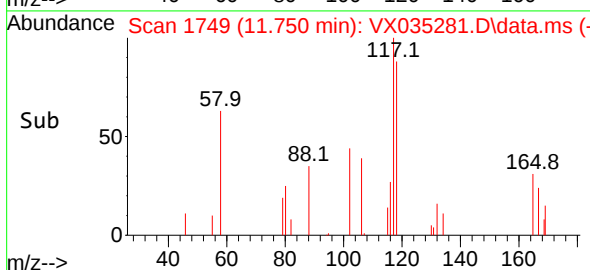
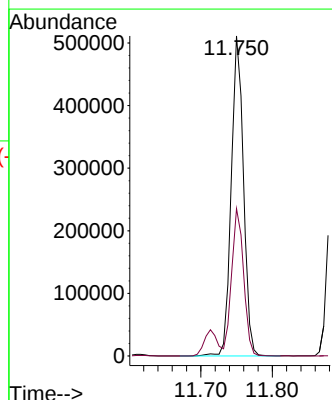
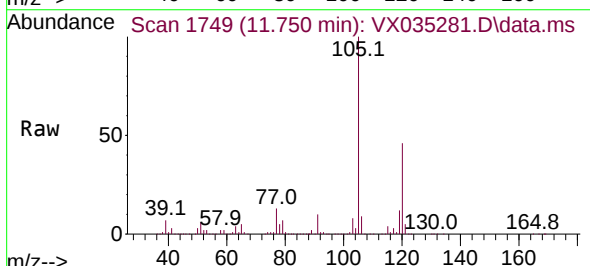
RT: 11.750 min Scan# 1749

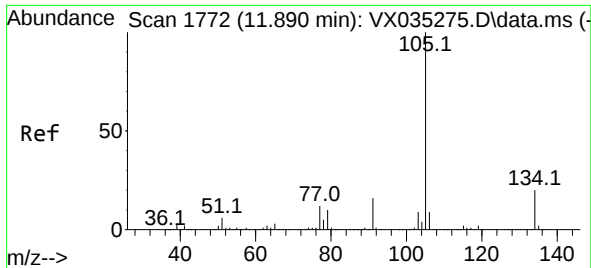
Delta R.T. 0.001 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Tgt Ion:	105	Resp:	605341
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 50.341 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035281.D
 Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

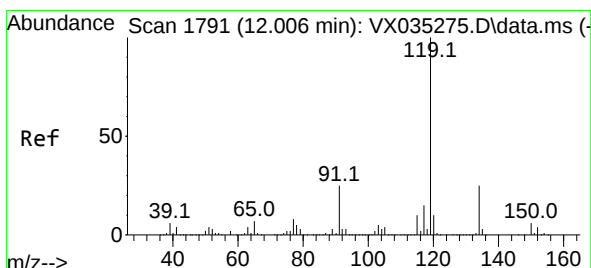
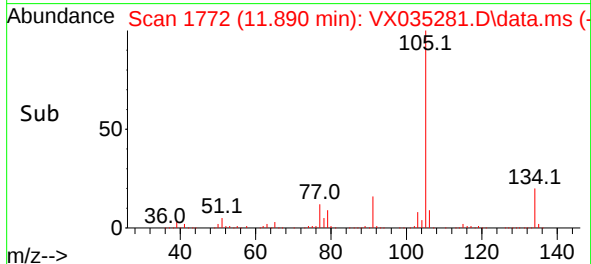
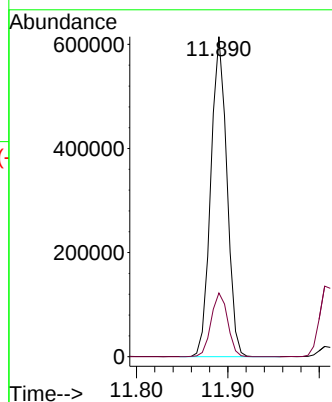
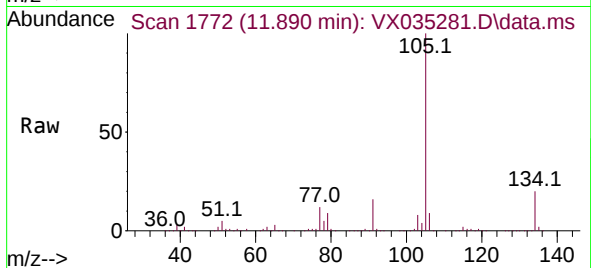
ICVVX042523

Tgt Ion:105 Resp: 750762
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

Manual Integrations

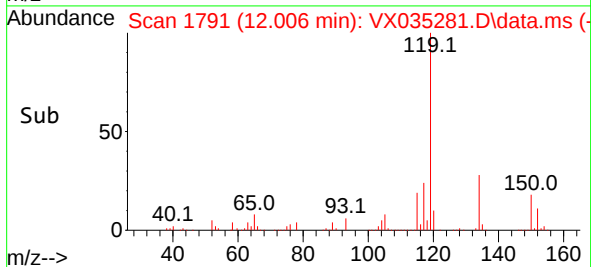
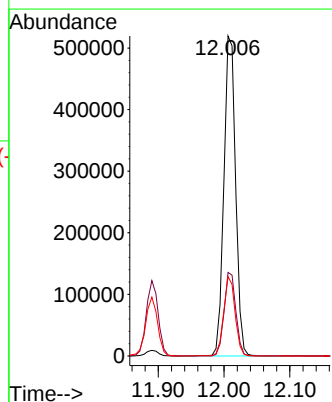
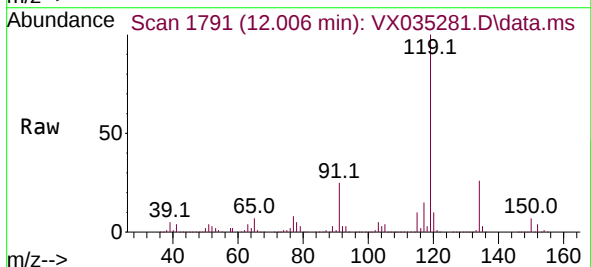
APPROVED

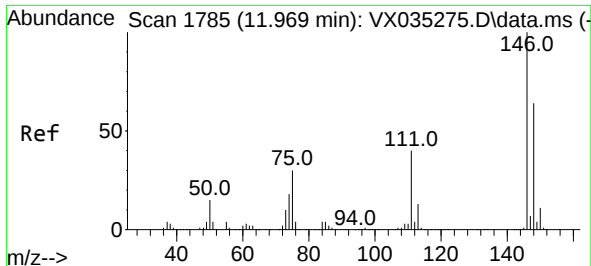
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/26/2023



#86
 p-Isopropyltoluene
 Concen: 50.785 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035281.D
 Acq: 25 Apr 2023 14:10

Tgt Ion:119 Resp: 644166
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 24.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 48.781 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035281.D

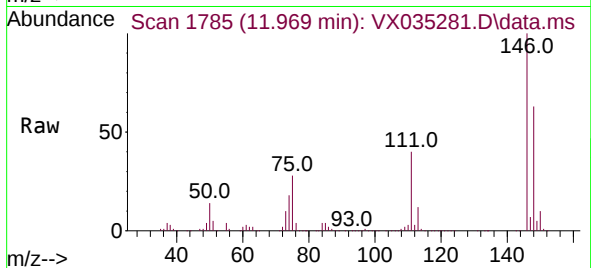
Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523



Tgt Ion:146 Resp: 331168

Ion Ratio Lower Upper

146 100

111 40.5 20.9 62.8

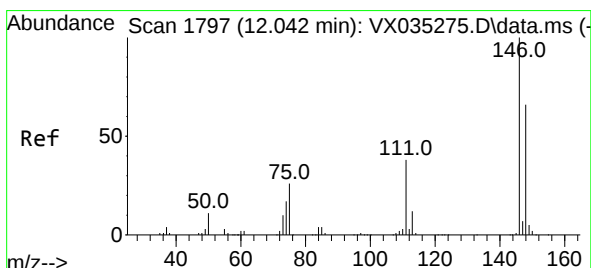
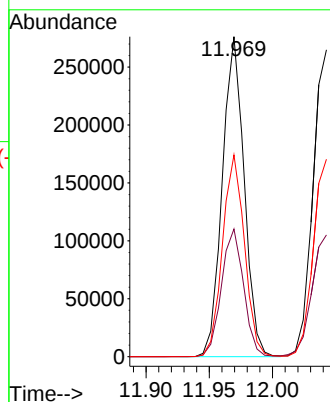
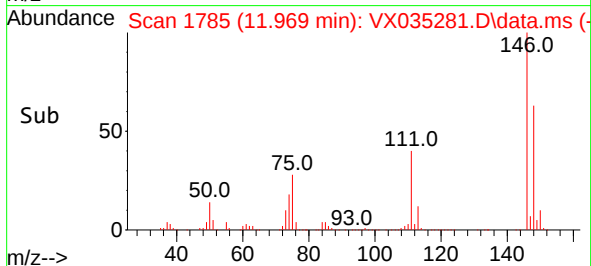
148 63.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#88

1,4-Dichlorobenzene

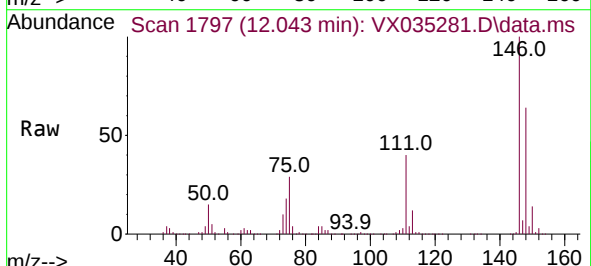
Concen: 46.627 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10



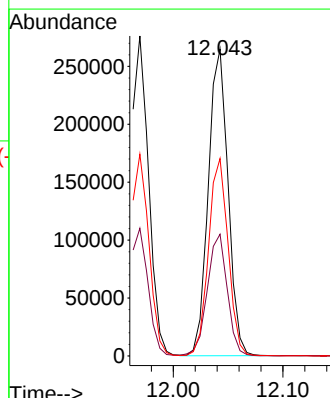
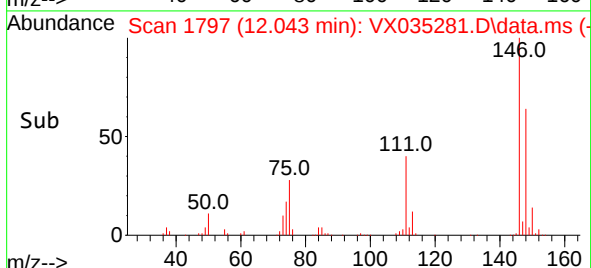
Tgt Ion:146 Resp: 331889

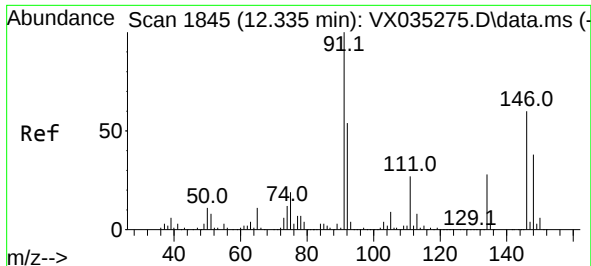
Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.9

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 51.263 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035281.D

Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523

Tgt Ion: 91 Resp: 54890

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

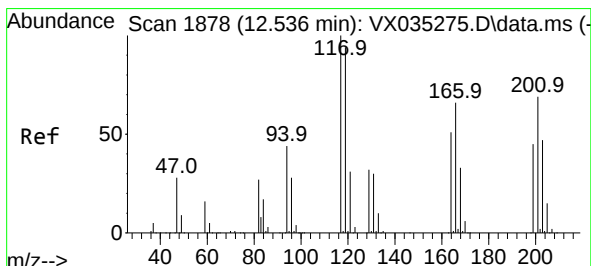
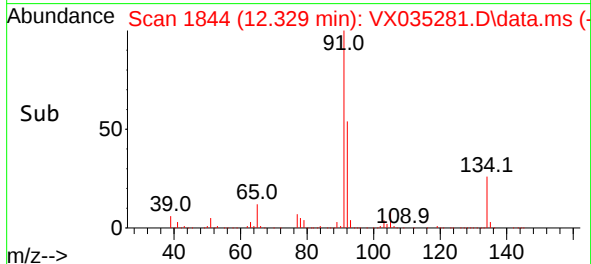
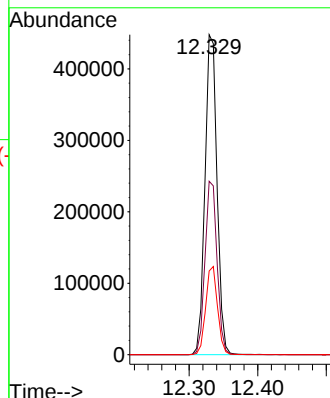
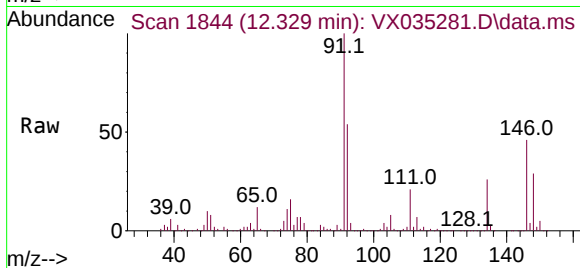
134 27.1 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/26/2023



#90

Hexachloroethane

Concen: 53.909 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035281.D

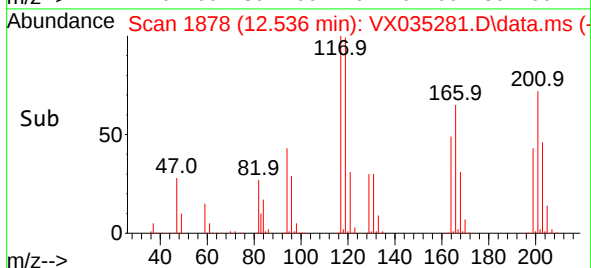
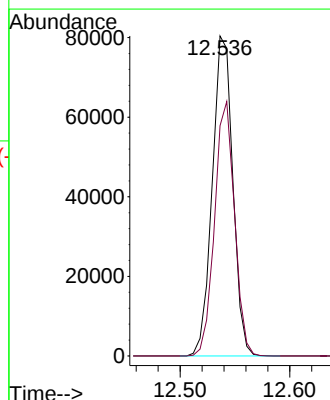
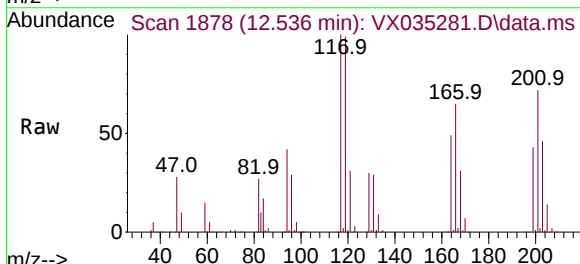
Acq: 25 Apr 2023 14:10

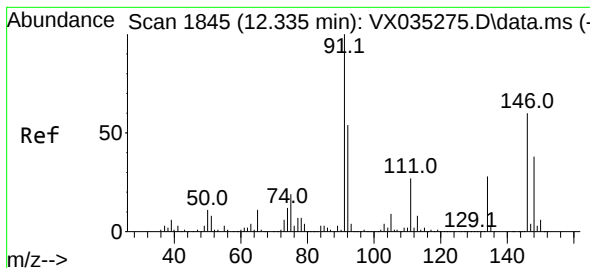
Tgt Ion:117 Resp: 104672

Ion Ratio Lower Upper

117 100

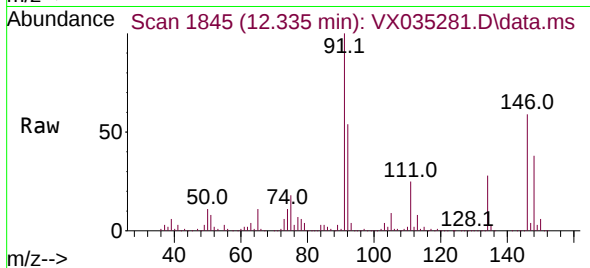
201 77.2 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 47.472 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

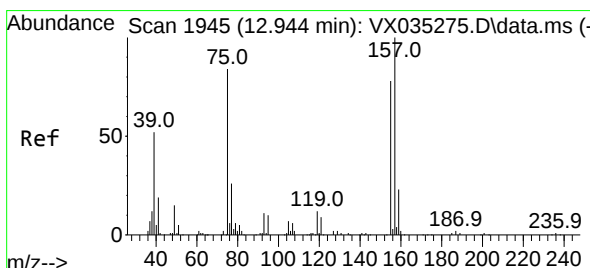
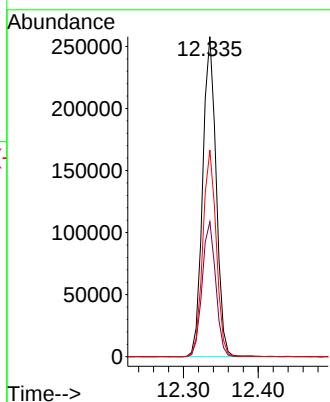
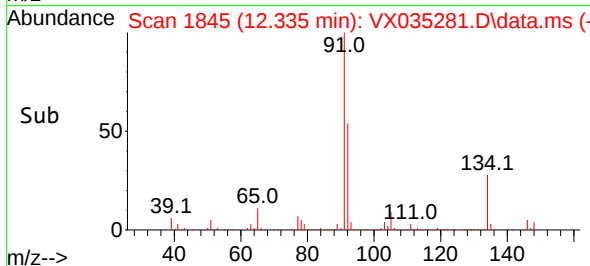
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042523



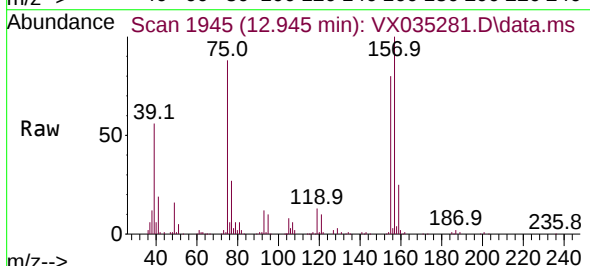
Tgt Ion:146 Resp: 32233
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 64.3 32.0 96.0

Manual Integrations
APPROVED

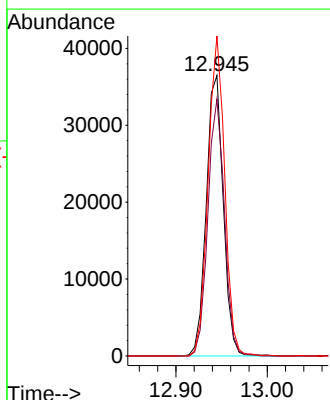
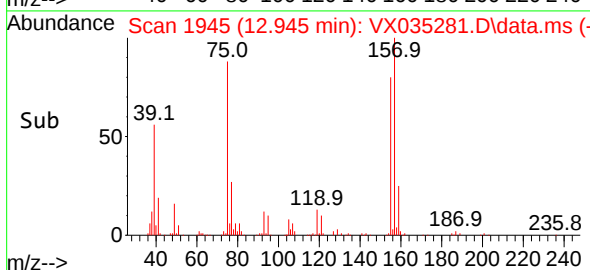
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023

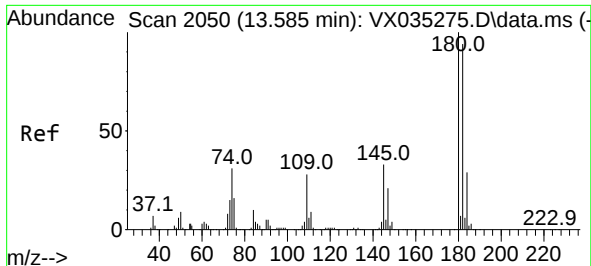


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.658 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



Tgt Ion: 75 Resp: 47099
Ion Ratio Lower Upper
75 100
155 89.1 38.4 115.1
157 111.1 49.9 149.7





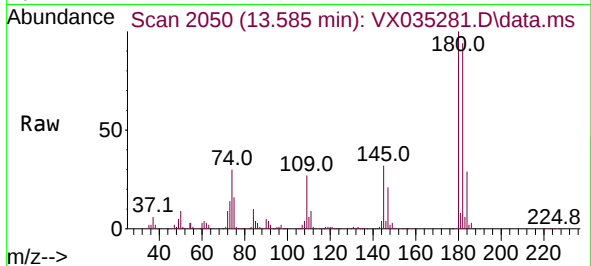
#93
1,2,4-Trichlorobenzene
Concen: 50.444 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042523



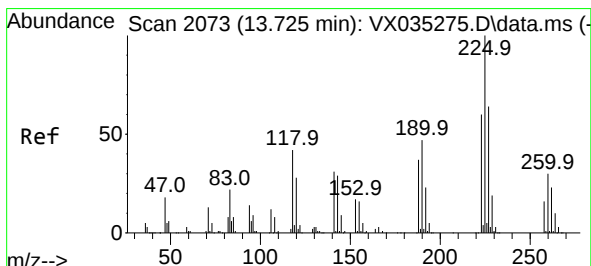
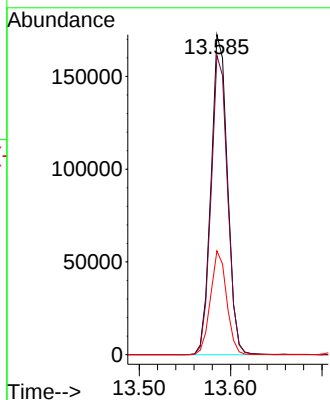
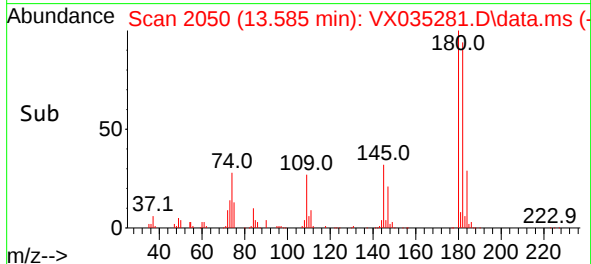
Tgt Ion:180 Resp: 21529
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.0
145 31.9 15.9 47.7

Manual Integrations

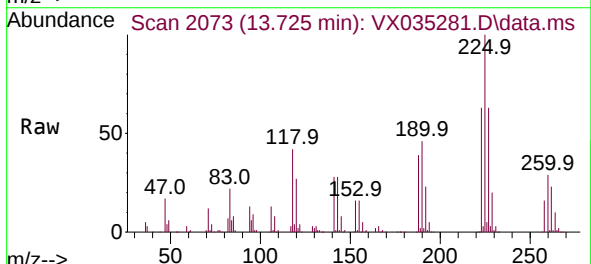
APPROVED

Reviewed By :John Carlone 04/25/2023

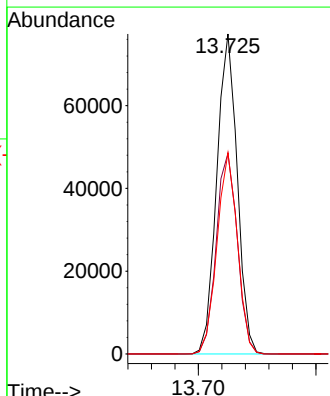
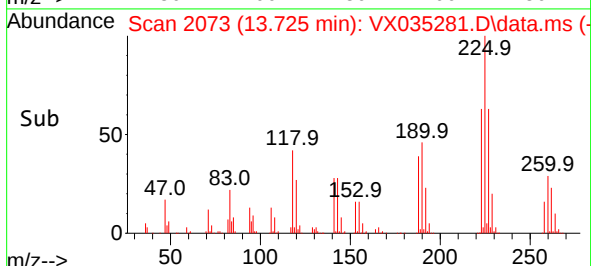
Supervised By :Mahesh Dadoda 04/26/2023

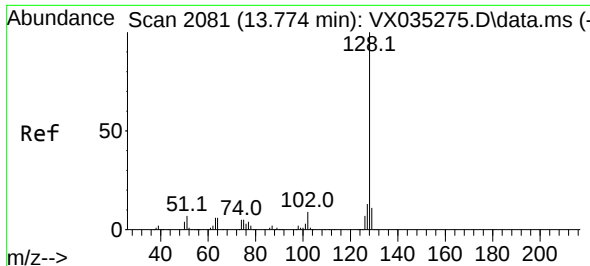


#94
Hexachlorobutadiene
Concen: 49.947 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



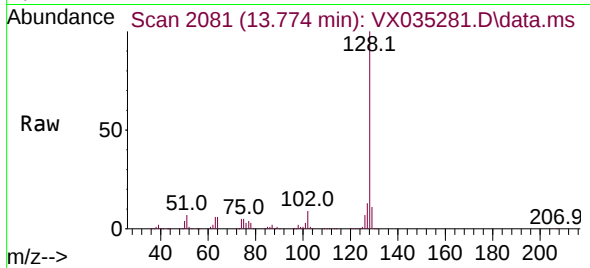
Tgt Ion:225 Resp: 93559
Ion Ratio Lower Upper
225 100
223 64.6 32.1 96.5
227 62.7 31.8 95.4





#95
Naphthalene
Concen: 51.191 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10

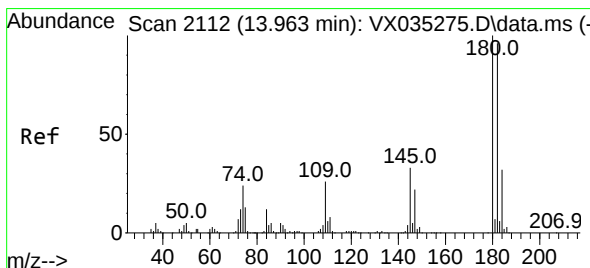
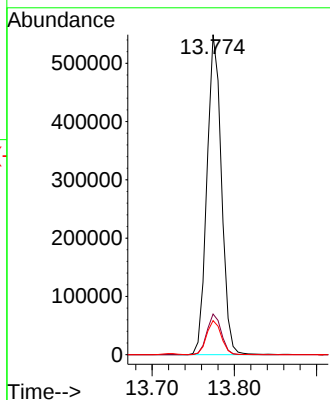
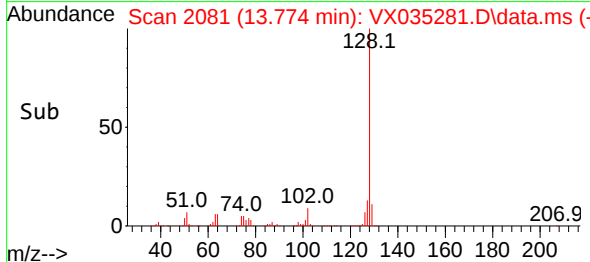
Instrument :
MSVOA_X
ClientSampleId :
ICVX042523



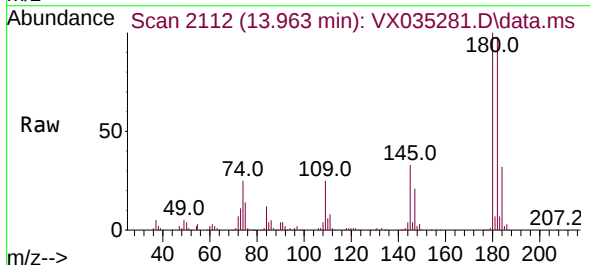
Tgt Ion:128 Resp: 672609
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/26/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.211 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035281.D
Acq: 25 Apr 2023 14:10



Tgt Ion:180 Resp: 207134
Ion Ratio Lower Upper
180 100
182 98.1 48.0 144.2
145 33.5 17.7 53.1

