

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035466.D
 Acq On : 02 May 2023 09:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 03 03:13:39 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 05/03/2023
 Supervised By : Mahesh Dadoda 05/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	266388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	413827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	175791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	148912	46.335	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.660%		
35) Dibromofluoromethane	5.379	113	125504	49.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.647	98	460856	48.098	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.200%		
62) 4-Bromofluorobenzene	11.079	95	171896	47.691	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	139938	49.646	ug/l	100
3) Chloromethane	1.294	50	111521	43.492	ug/l	97
4) Vinyl Chloride	1.374	62	118519	46.084	ug/l	100
5) Bromomethane	1.617	94	68073	39.824	ug/l	98
6) Chloroethane	1.691	64	63814	42.426	ug/l	100
7) Trichlorofluoromethane	1.886	101	193436	48.097	ug/l	99
8) Diethyl Ether	2.130	74	65752	44.840	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	130981	48.761	ug/l	95
10) Methyl Iodide	2.453	142	134157	39.573	ug/l	97
11) Tert butyl alcohol	2.983	59	128536	219.655	ug/l	96
12) 1,1-Dichloroethene	2.318	96	120943	46.745	ug/l	97
13) Acrolein	2.239	56	146941	255.339	ug/l	99
14) Allyl chloride	2.666	41	206367	45.324	ug/l	97
15) Acrylonitrile	3.062	53	331082	226.215	ug/l	99
16) Acetone	2.386	43	337165	241.555	ug/l	98
17) Carbon Disulfide	2.514	76	279507	45.065	ug/l	100
18) Methyl Acetate	2.703	43	249339	46.195	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	435266	49.037	ug/l	96
20) Methylene Chloride	2.788	84	137592	42.990	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	131370	46.751	ug/l	92
22) Diisopropyl ether	3.751	45	416208	46.194	ug/l	97
23) Vinyl Acetate	3.715	43	1496825	241.687	ug/l	97
24) 1,1-Dichloroethane	3.605	63	242911	47.863	ug/l	100
25) 2-Butanone	4.550	43	470980	231.175	ug/l	93
26) 2,2-Dichloropropane	4.471	77	212826	53.527	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	160261	48.519	ug/l	94
28) Bromochloromethane	4.891	49	99805	46.147	ug/l	84
29) Tetrahydrofuran	5.001	42	287832	220.388	ug/l	93
30) Chloroform	5.086	83	260602	50.865	ug/l	97
31) Cyclohexane	5.464	56	216263	47.437	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	230466	51.329	ug/l	96
36) 1,1-Dichloropropene	5.690	75	193380	48.759	ug/l	97
37) Ethyl Acetate	4.702	43	177895	49.111	ug/l	96
38) Carbon Tetrachloride	5.672	117	201858	53.615	ug/l	100
39) Methylcyclohexane	7.379	83	234891	48.656	ug/l	97
40) Benzene	6.031	78	558930	49.128	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	101876	49.083	ug/l	95
42) 1,2-Dichloroethane	6.080	62	201458	49.663	ug/l	97
43) Isopropyl Acetate	6.330	43	310456	51.007	ug/l	95
44) Trichloroethene	7.123	130	160299	51.146	ug/l	93
45) 1,2-Dichloropropane	7.427	63	145677	50.789	ug/l	100
46) Dibromomethane	7.580	93	99807	50.671	ug/l	92
47) Bromodichloromethane	7.818	83	195035	53.742	ug/l	99
48) Methyl methacrylate	7.689	41	152959	51.232	ug/l	91
49) 1,4-Dioxane	7.696	88	61957	851.341	ug/l	94
51) 4-Methyl-2-Pentanone	8.567	43	899783	240.624	ug/l	95
52) Toluene	8.714	92	352489	48.878	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	209896	55.382	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	239922	56.007	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	141681	49.282	ug/l	98
56) Ethyl methacrylate	9.116	69	217063	50.684	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	237538	48.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	511559	238.891	ug/l	94
59) 2-Hexanone	9.427	43	658138	234.279	ug/l	94
60) Dibromochloromethane	9.518	129	152833	55.485	ug/l	99
61) 1,2-Dibromoethane	9.610	107	148734	50.185	ug/l	100
64) Tetrachloroethene	9.268	164	132327	48.986	ug/l	98
65) Chlorobenzene	10.079	112	380548	49.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	145494	54.770	ug/l	98
67) Ethyl Benzene	10.189	91	672688	50.889	ug/l	98
68) m/p-Xylenes	10.299	106	513993	101.477	ug/l	100
69) o-Xylene	10.640	106	255019	51.344	ug/l	99
70) Styrene	10.652	104	424310	52.688	ug/l	98
71) Bromoform	10.799	173	107347	58.096	ug/l #	99
73) Isopropylbenzene	10.963	105	667754	51.965	ug/l	100
74) N-amyl acetate	10.841	43	248475	51.453	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	198661	49.809	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	163668m	46.674	ug/l	
77) Bromobenzene	11.195	156	166750	52.203	ug/l	90
78) n-propylbenzene	11.305	91	762250	51.649	ug/l	99
79) 2-Chlorotoluene	11.366	91	458179	49.683	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	565194	52.163	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	59417	54.879	ug/l	98
82) 4-Chlorotoluene	11.451	91	525544	50.739	ug/l	97
83) tert-Butylbenzene	11.713	119	567109	52.164	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	570466	52.399	ug/l	99
85) sec-Butylbenzene	11.890	105	685241	51.386	ug/l	99
86) p-Isopropyltoluene	12.006	119	592940	52.280	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	313777	51.690	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	313993	49.334	ug/l	99
89) n-Butylbenzene	12.329	91	503130	52.550	ug/l	99
90) Hexachloroethane	12.536	117	98800	56.907	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	306078	50.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43941	54.942	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	205624	53.880	ug/l	99
94) Hexachlorobutadiene	13.725	225	86997	51.942	ug/l	100
95) Naphthalene	13.774	128	649639	55.295	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	198049	51.552	ug/l	99

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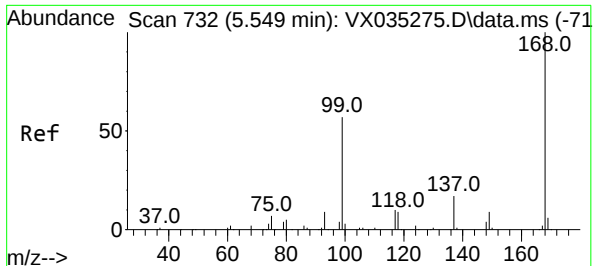
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

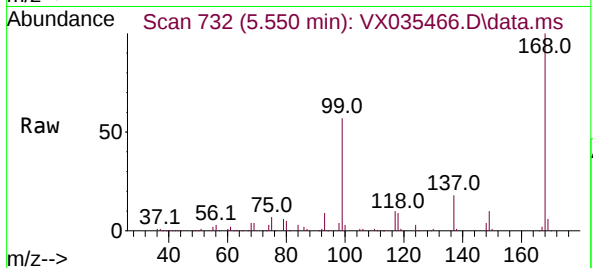
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

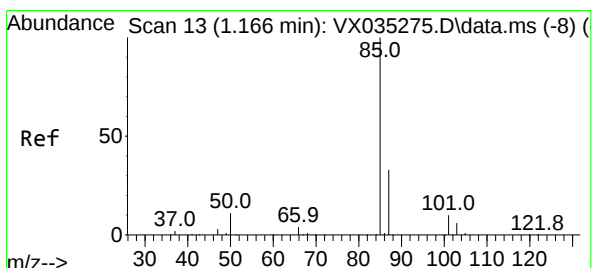
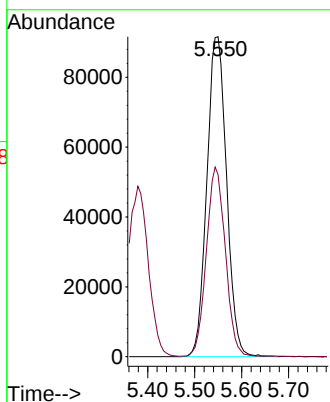
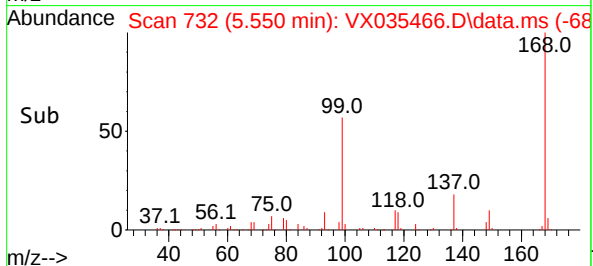
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050



Tgt Ion: 168 Resp: 26638
Ion Ratio Lower Upper
168 100
99 56.8 45.7 68.5

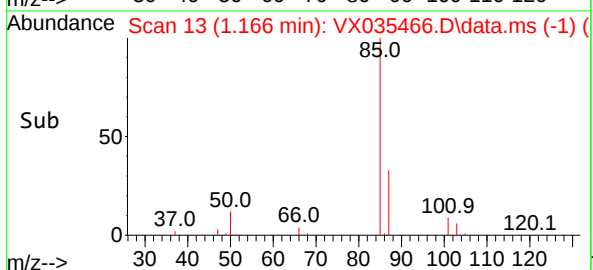
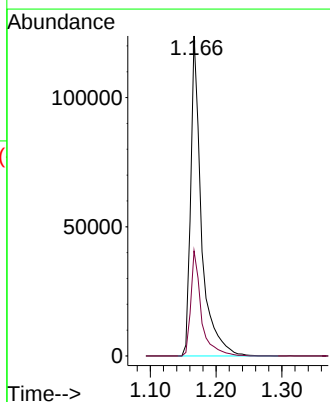
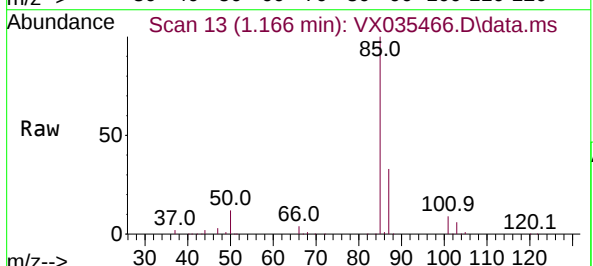
Manual Integrations
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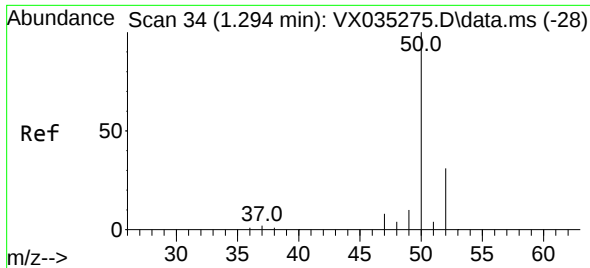
Reviewed By : John Carlone 05/03/2023
Supervised By : Mahesh Dadoda 05/03/2023



#2
Dichlorodifluoromethane
Concen: 49.646 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 85 Resp: 139938
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1





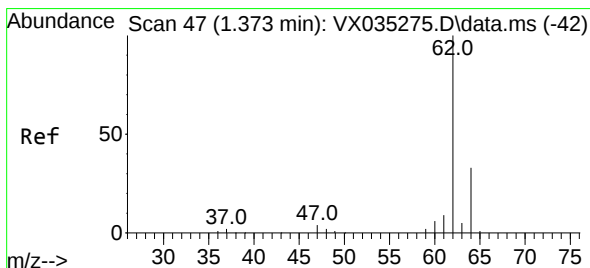
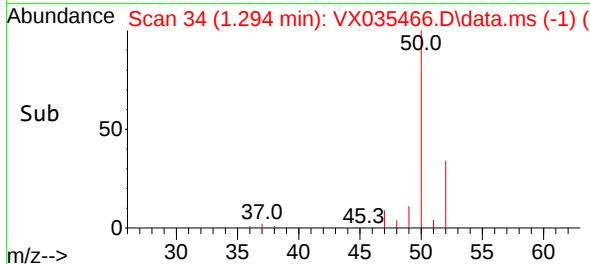
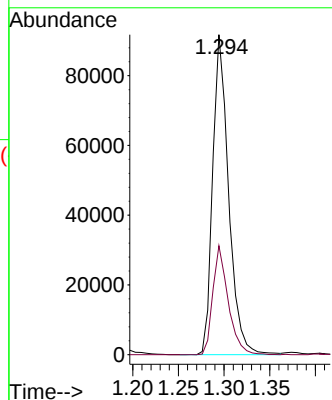
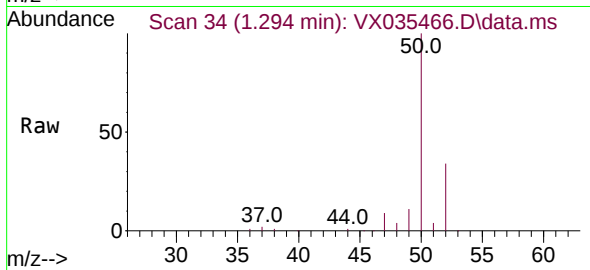
#3
Chloromethane
Concen: 43.492 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 11152
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9

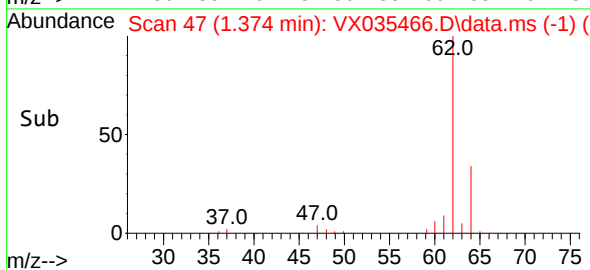
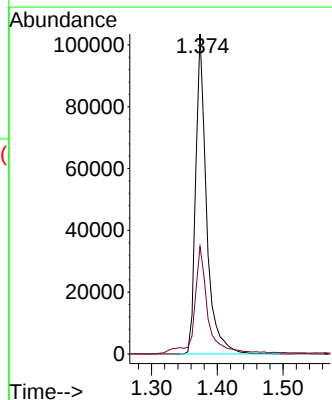
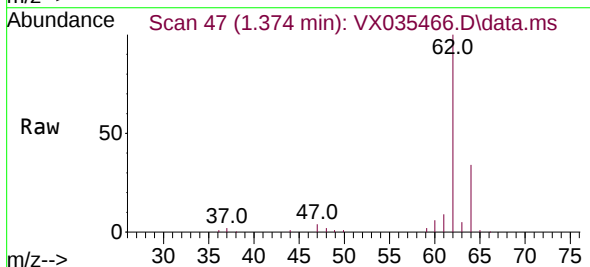
Manual Integrations
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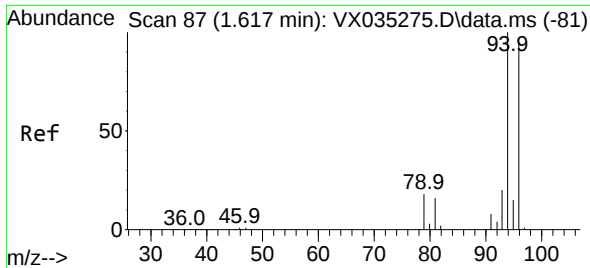
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#4
Vinyl Chloride
Concen: 46.084 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

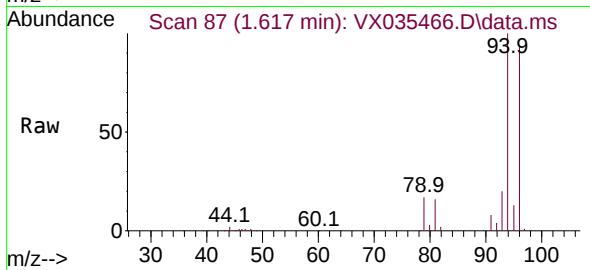
Tgt Ion: 62 Resp: 118519
Ion Ratio Lower Upper
62 100
64 33.2 26.4 39.6





#5
Bromomethane
Concen: 39.824 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

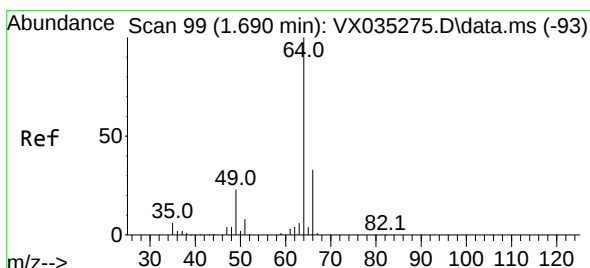
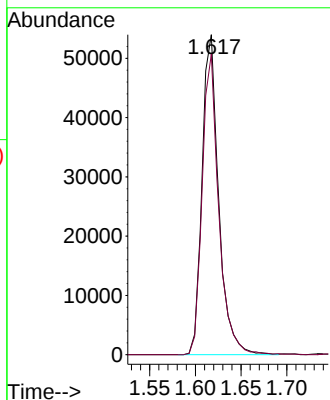
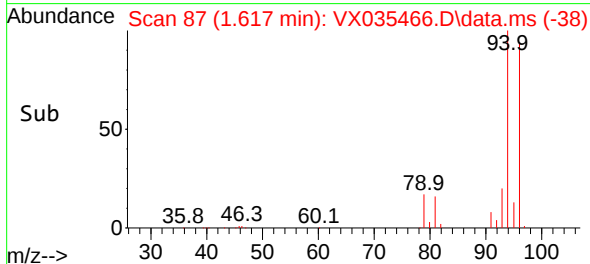
Instrument :
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Tgt Ion: 94 Resp: 6807
Ion Ratio Lower Upper
94 100
96 93.9 77.0 115.6

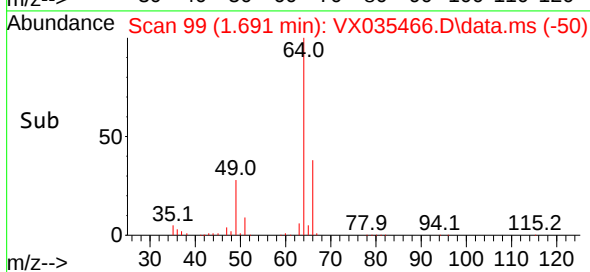
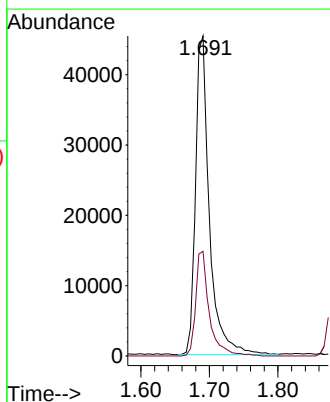
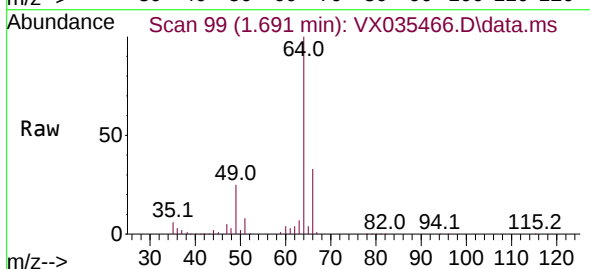
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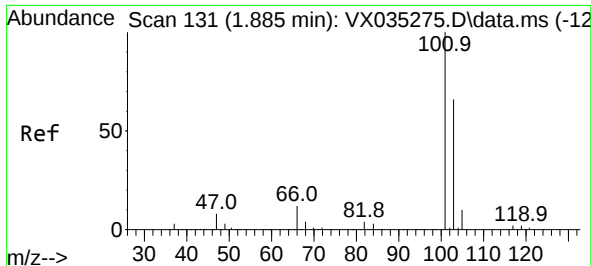
Reviewed By :John Carlone 05/03/2023
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#6
Chloroethane
Concen: 42.426 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035466.D
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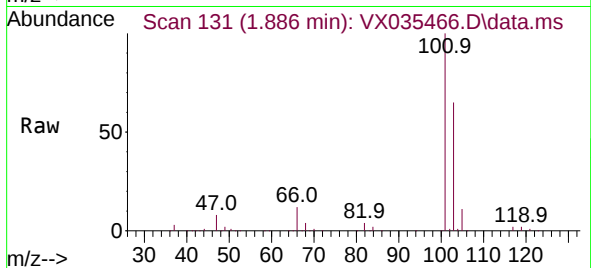
Tgt Ion: 64 Resp: 63814
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.097 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035466.D
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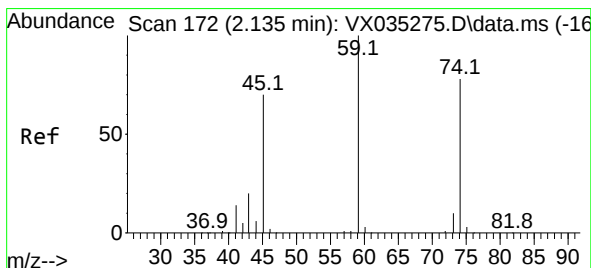
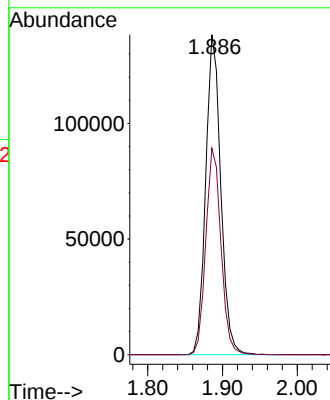
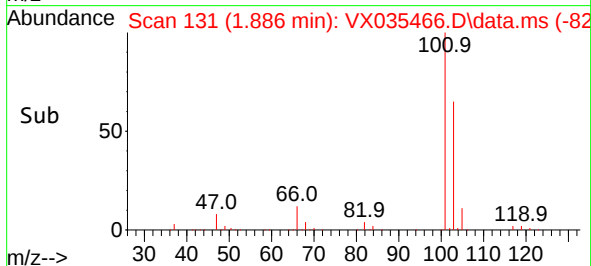
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 193430
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

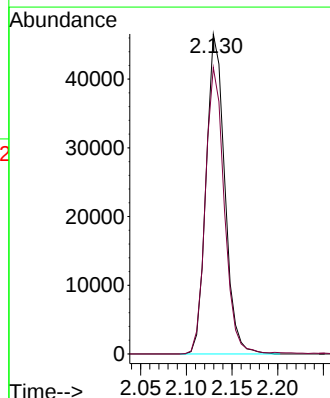
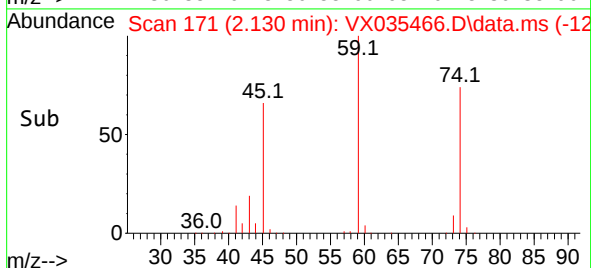
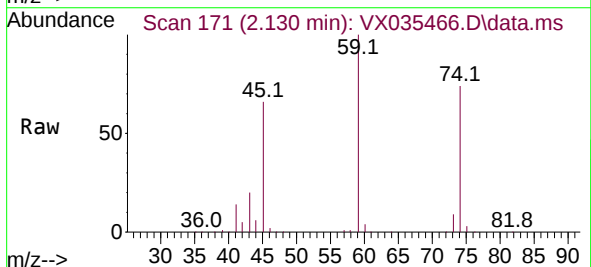
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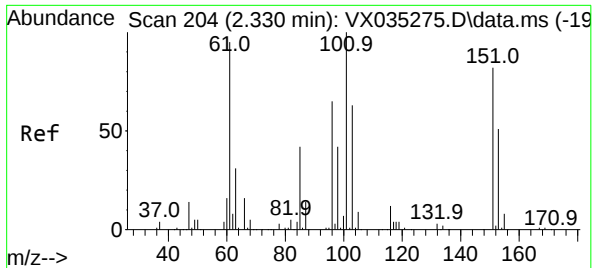
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#8
Diethyl Ether
Concen: 44.840 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
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Acq: 02 May 2023 09:51

Tgt Ion: 74 Resp: 65752
Ion Ratio Lower Upper
74 100
45 91.0 49.8 149.3





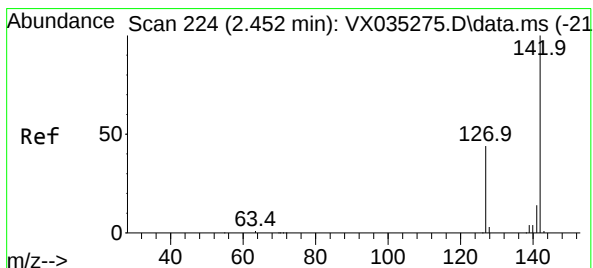
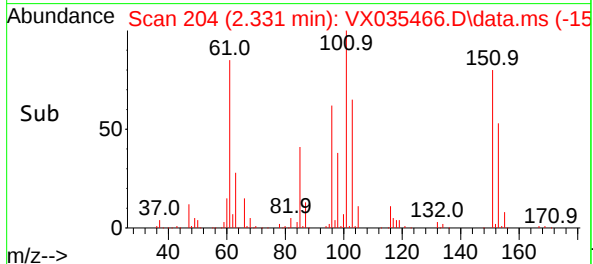
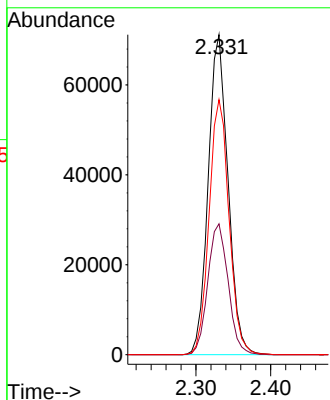
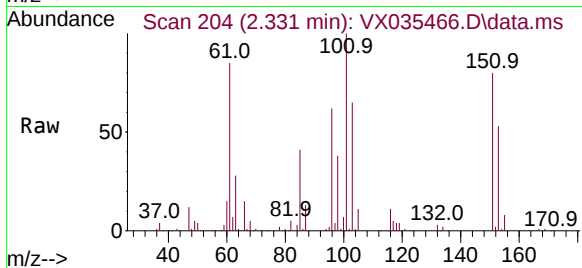
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.761 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13098
Ion Ratio Lower Upper
101 100
85 42.1 35.4 53.2
151 80.6 60.2 90.4

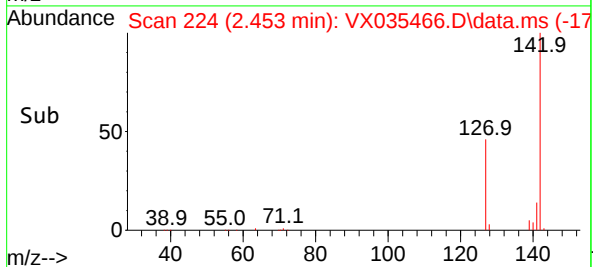
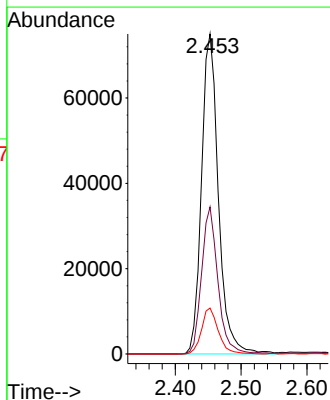
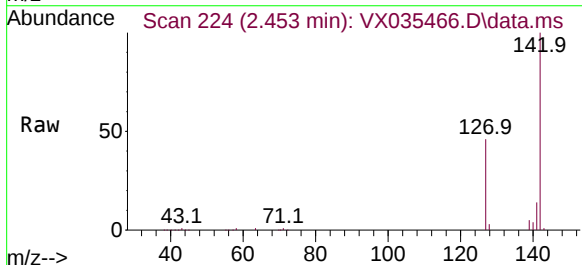
Manual Integrations
APPROVED

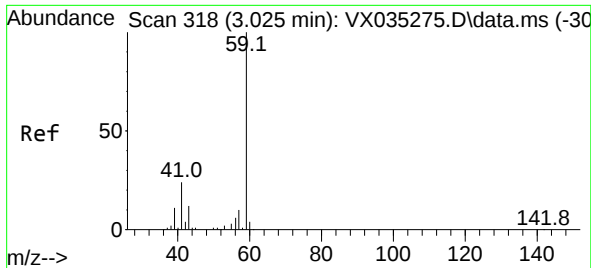
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#10
Methyl Iodide
Concen: 39.573 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

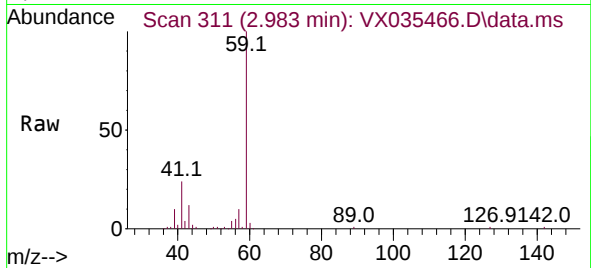
Tgt Ion:142 Resp: 134157
Ion Ratio Lower Upper
142 100
127 44.5 34.0 51.0
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 219.655 ug/l
RT: 2.983 min Scan# 318
Delta R.T. -0.042 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

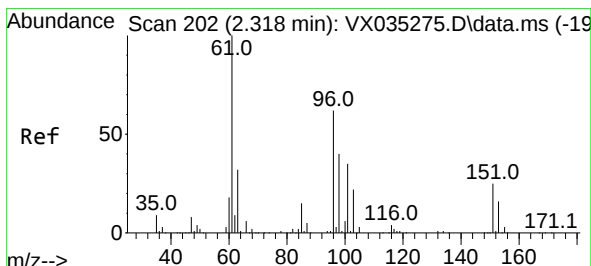
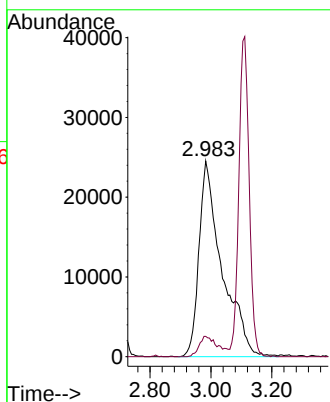
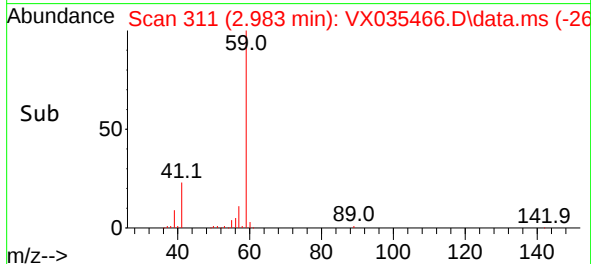
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



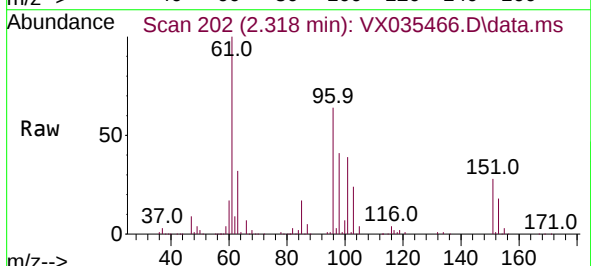
Tgt Ion: 59 Resp: 128530
Ion Ratio Lower Upper
59 100
57 8.5 8.1 12.1

Manual Integrations
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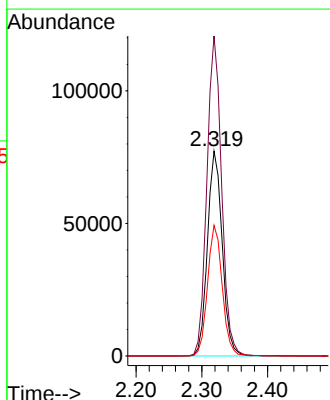
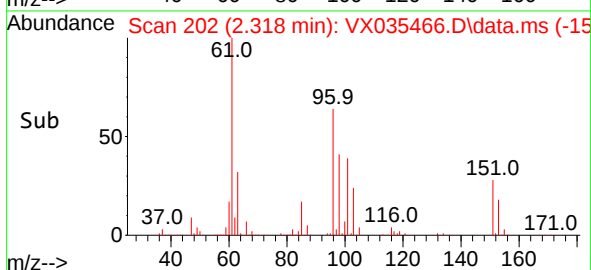
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#12
1,1-Dichloroethene
Concen: 46.745 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



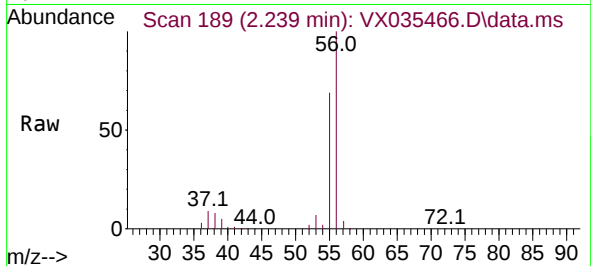
Tgt Ion: 96 Resp: 120943
Ion Ratio Lower Upper
96 100
61 156.2 128.8 193.2
98 63.7 51.4 77.0





#13
Acrolein
Concen: 255.339 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

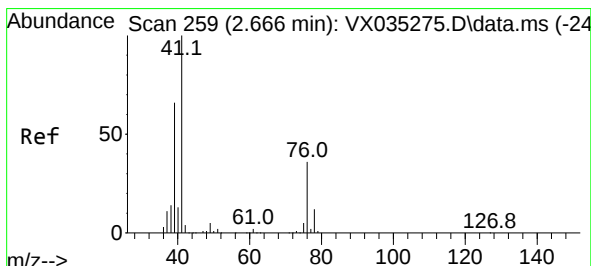
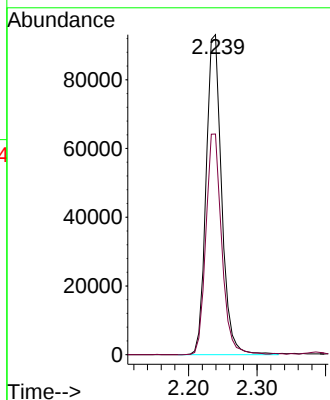
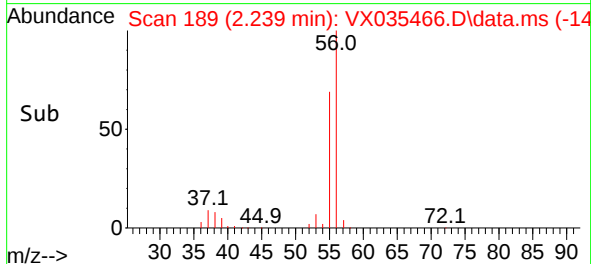
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14694
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0

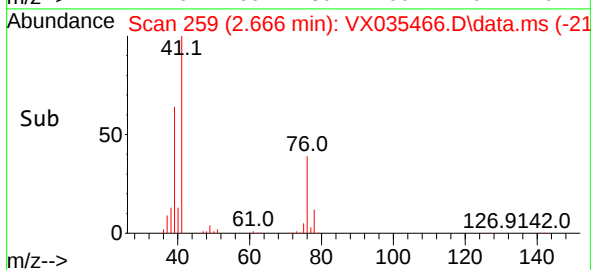
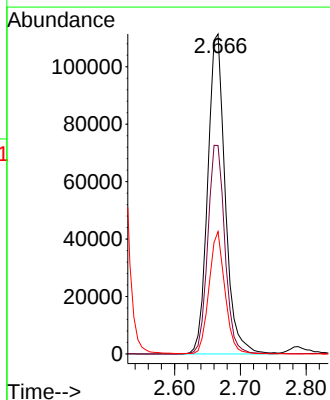
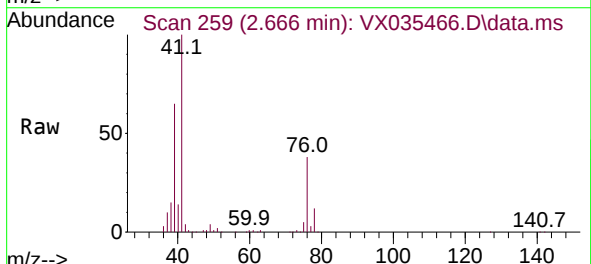
Manual Integrations
APPROVED

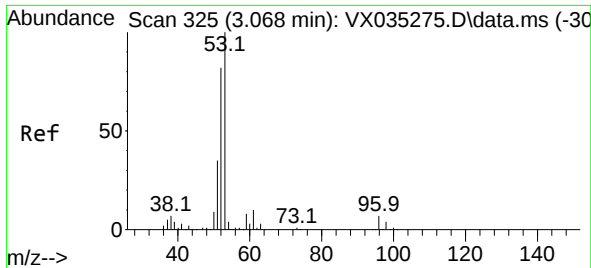
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#14
Allyl chloride
Concen: 45.324 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

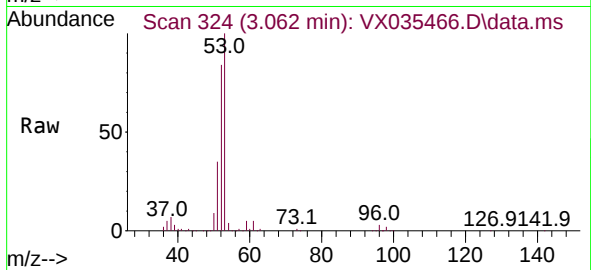
Tgt Ion: 41 Resp: 206367
Ion Ratio Lower Upper
41 100
39 63.9 52.4 78.6
76 34.8 26.0 39.0





#15
Acrylonitrile
Concen: 226.215 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

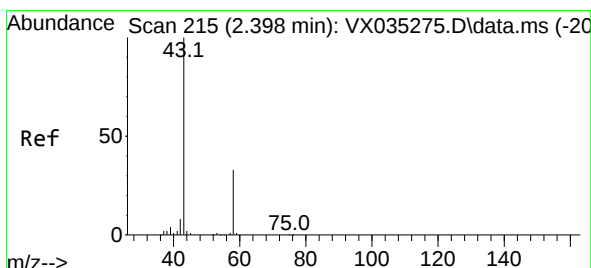
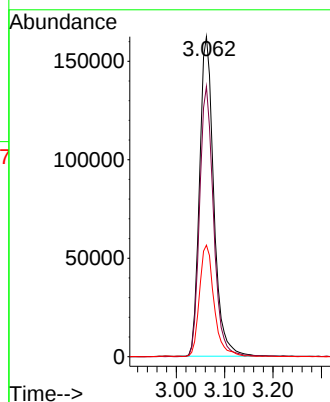
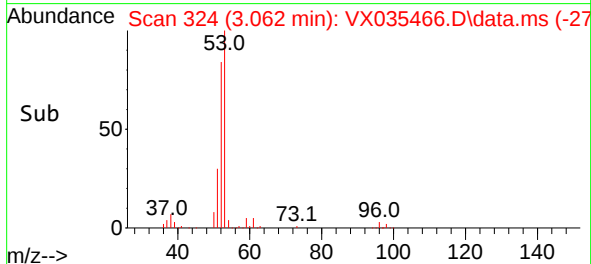
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 331082
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 35.6 28.3 42.5

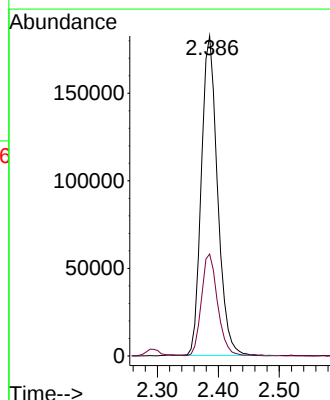
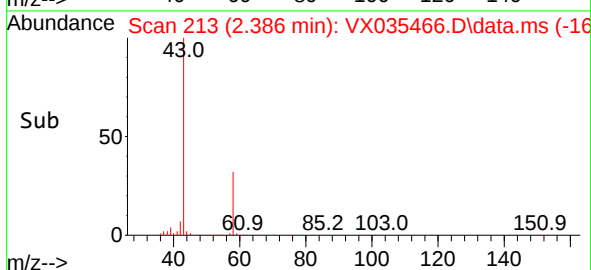
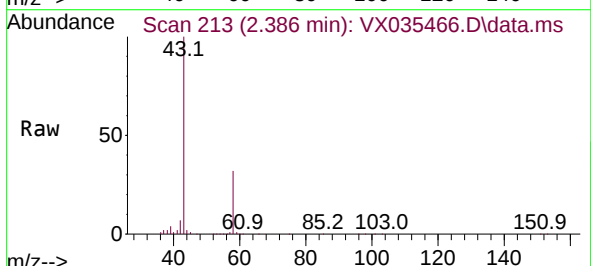
Manual Integrations
APPROVED

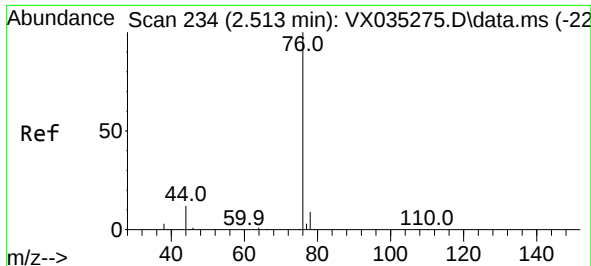
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#16
Acetone
Concen: 241.555 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 43 Resp: 337165
Ion Ratio Lower Upper
43 100
58 31.8 24.7 37.1





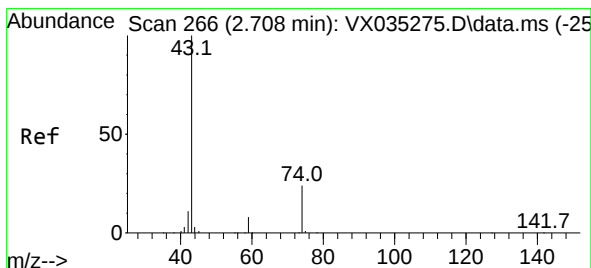
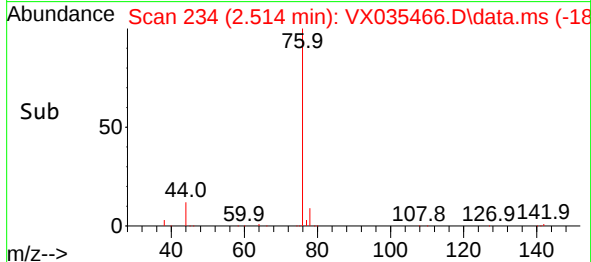
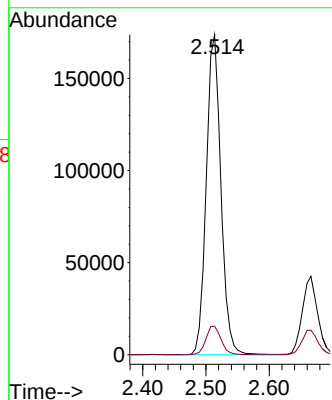
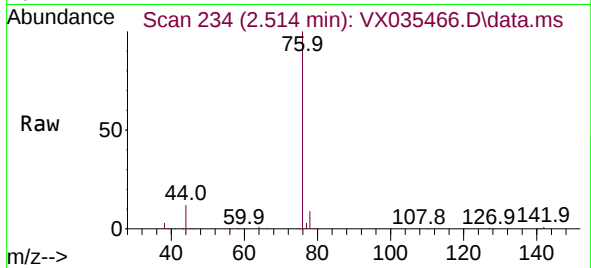
#17
Carbon Disulfide
Concen: 45.065 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 27950
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

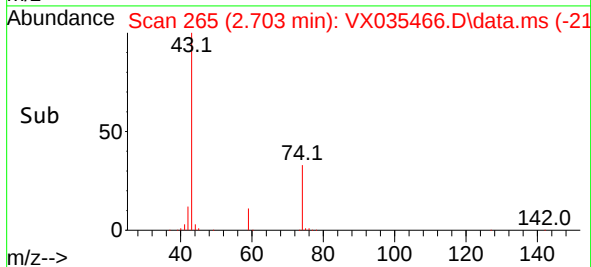
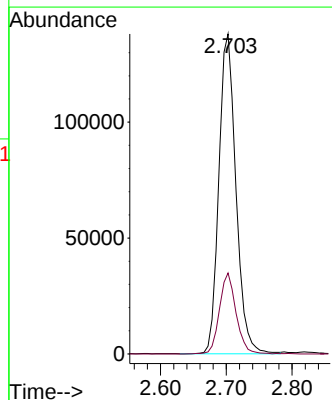
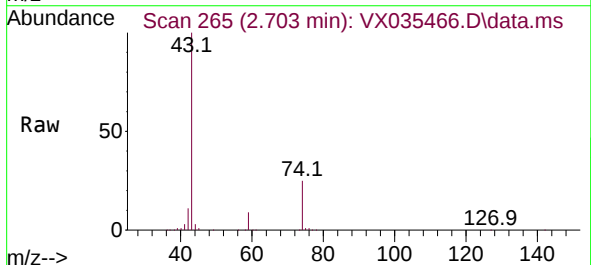
Manual Integrations
APPROVED

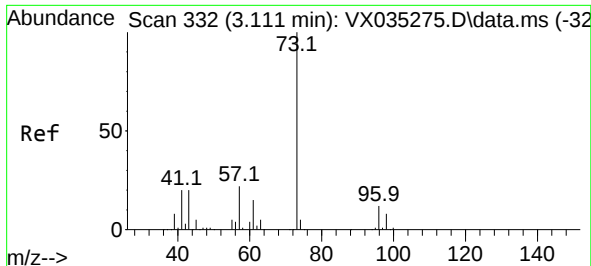
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#18
Methyl Acetate
Concen: 46.195 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 43 Resp: 249339
Ion Ratio Lower Upper
43 100
74 24.6 18.3 27.5





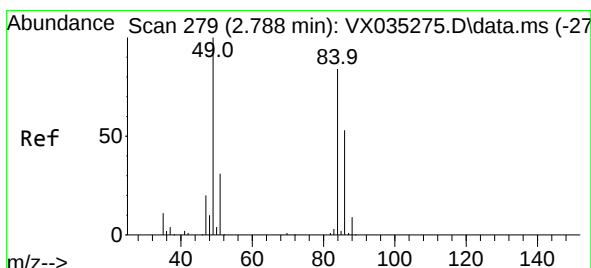
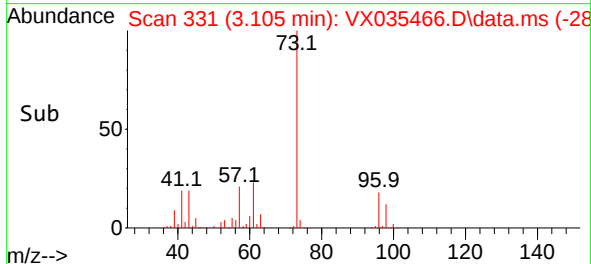
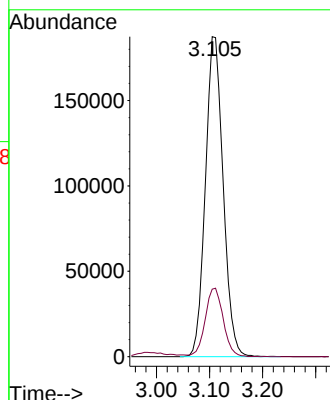
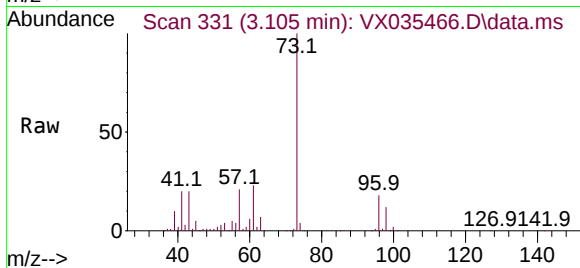
#19
Methyl tert-butyl Ether
Concen: 49.037 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 435260
Ion Ratio Lower Upper
73 100
57 21.1 18.5 27.7

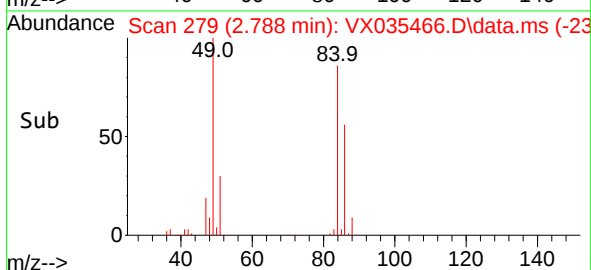
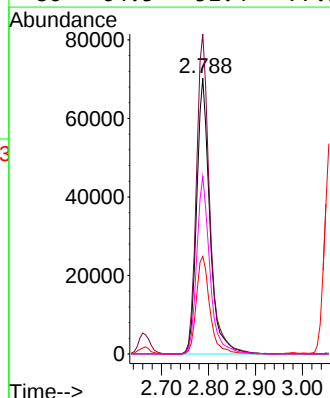
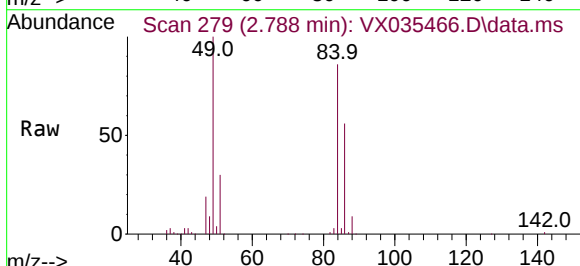
Manual Integrations
APPROVED

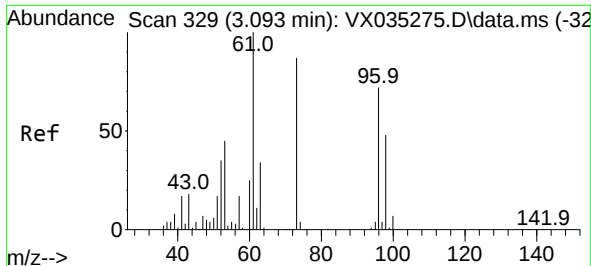
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#20
Methylene Chloride
Concen: 42.990 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

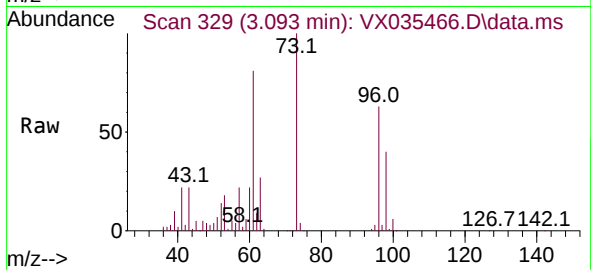
Tgt Ion: 84 Resp: 137592
Ion Ratio Lower Upper
84 100
49 116.1 103.8 155.8
51 35.4 31.8 47.8
86 64.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 46.751 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

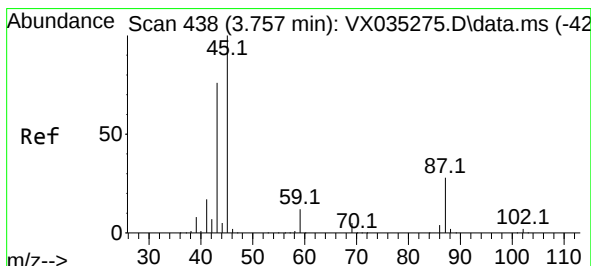
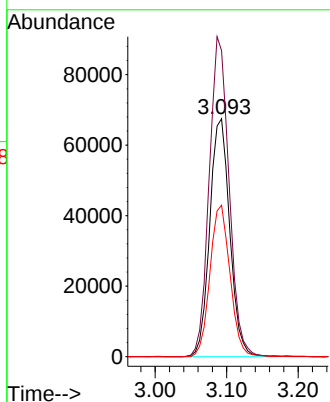
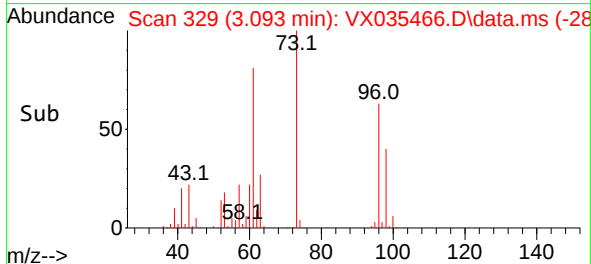
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



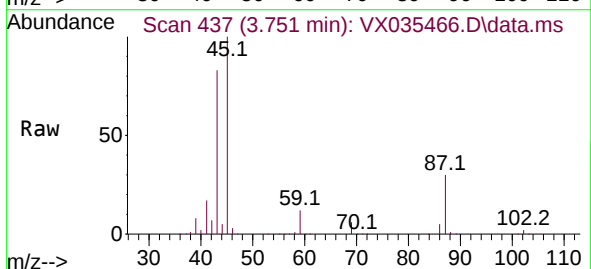
Tgt Ion: 96 Resp: 131370
Ion Ratio Lower Upper
96 100
61 128.7 113.0 169.6
98 63.7 52.1 78.1

Manual Integrations
APPROVED

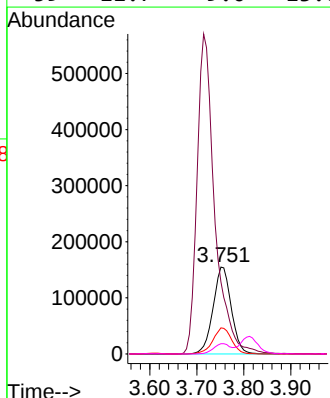
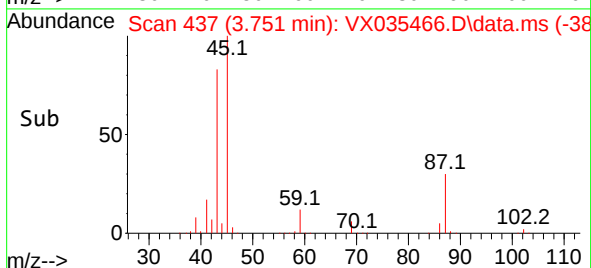
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#22
Diisopropyl ether
Concen: 46.194 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



Tgt Ion: 45 Resp: 416208
Ion Ratio Lower Upper
45 100
43 82.9 65.4 98.2
87 30.0 20.6 31.0
59 11.7 9.0 13.6





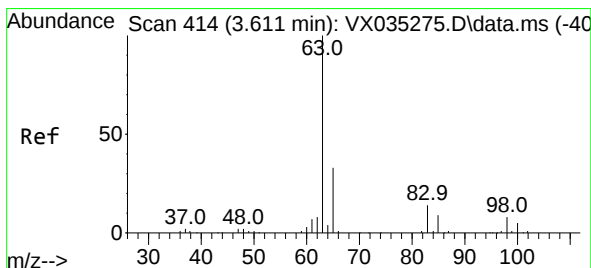
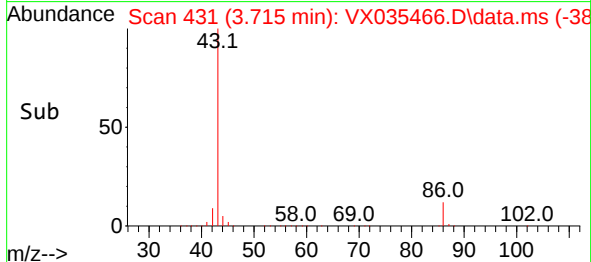
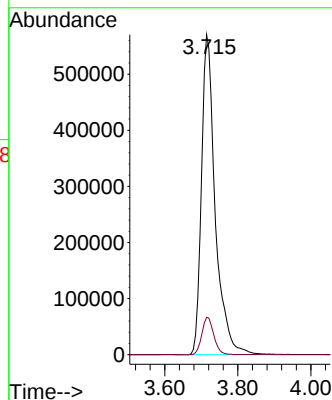
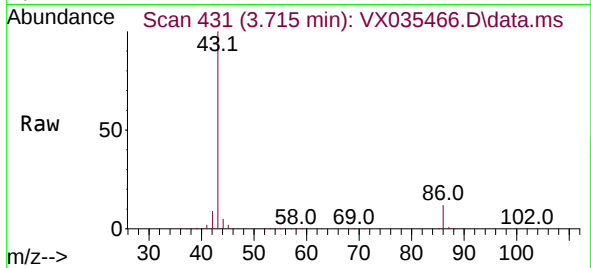
#23
 Vinyl Acetate
 Concen: 241.687 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.005 min
 Lab File: VX035466.D
 Acq: 02 May 2023 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 149682
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.5 12.7

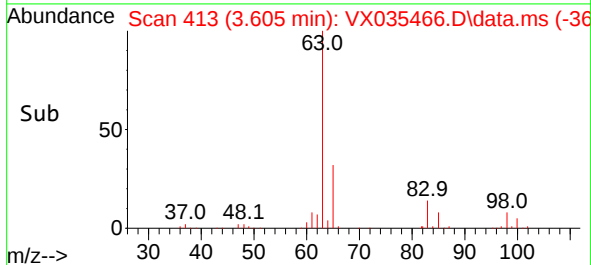
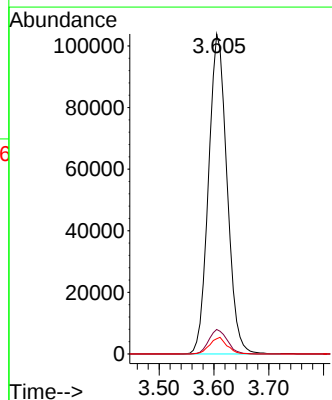
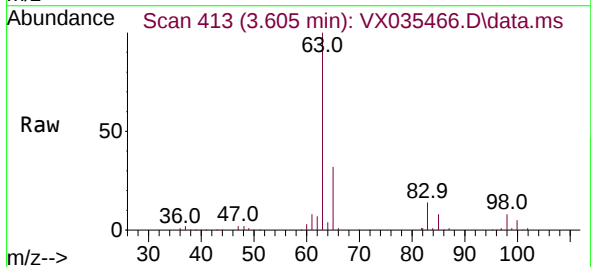
Manual Integrations
 APPROVED

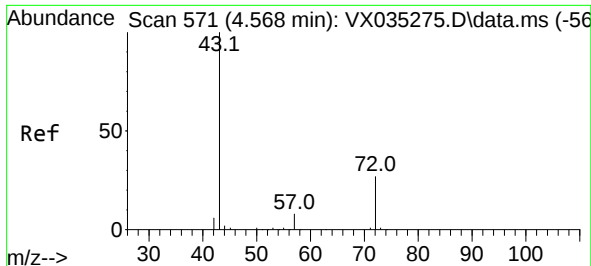
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023



#24
 1,1-Dichloroethane
 Concen: 47.863 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035466.D
 Acq: 02 May 2023 09:51

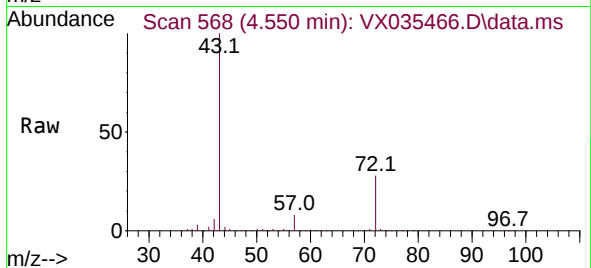
Tgt Ion: 63 Resp: 242911
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 231.175 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

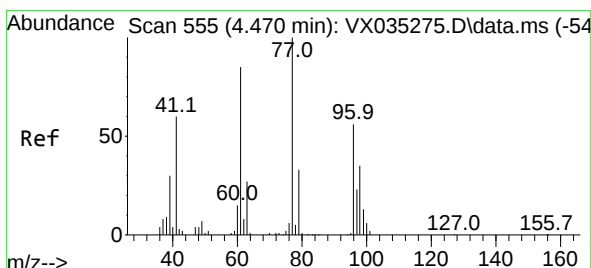
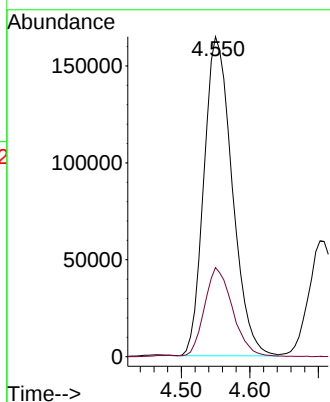
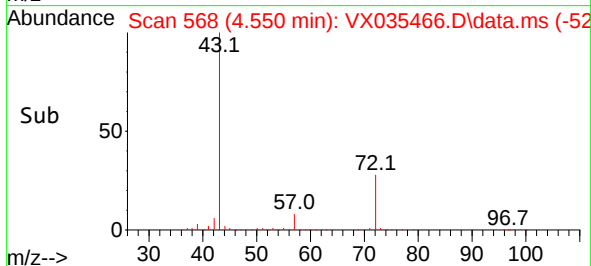
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 470980
Ion Ratio Lower Upper
43 100
72 27.8 19.3 28.9

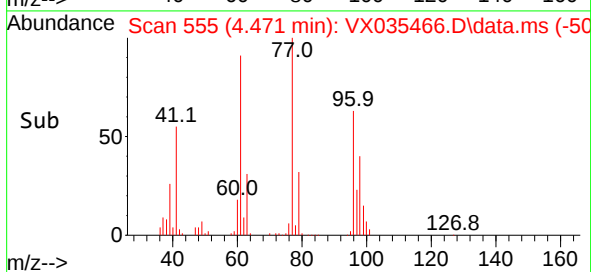
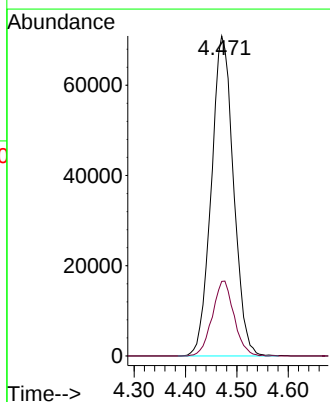
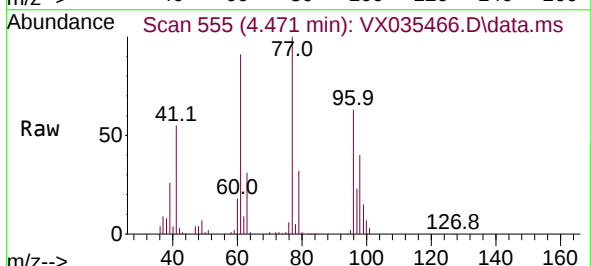
Manual Integrations
APPROVED

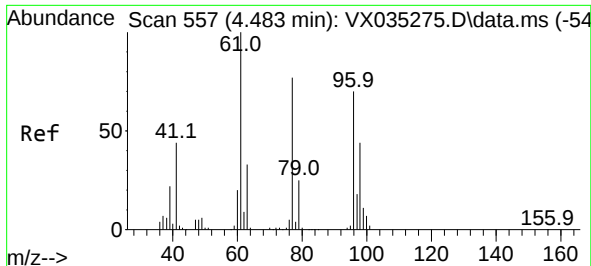
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#26
2,2-Dichloropropane
Concen: 53.527 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 77 Resp: 212826
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.519 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 16026

Ion Ratio Lower Upper

96 100

61 140.0 0.0 300.4

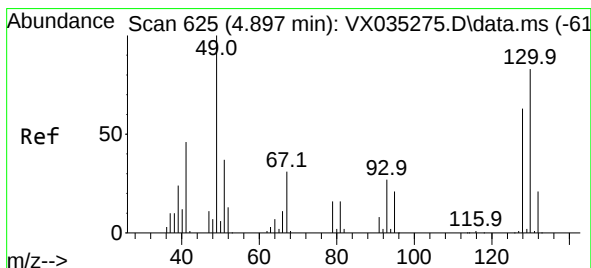
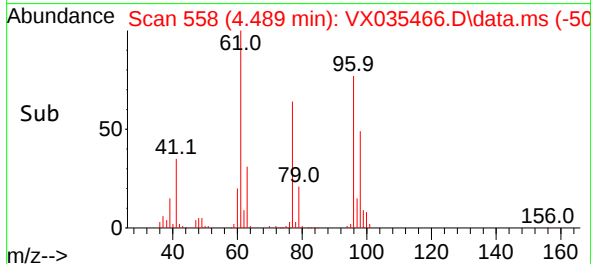
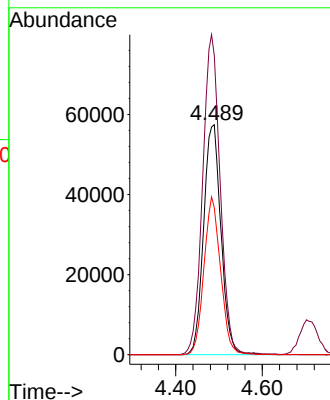
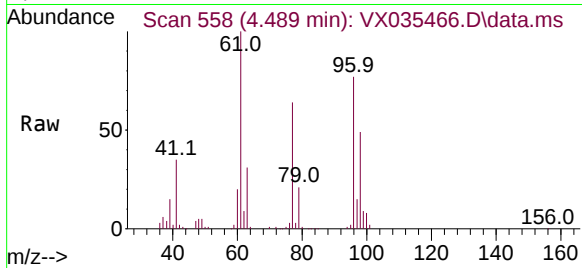
98 65.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#28

Bromochloromethane

Concen: 46.147 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

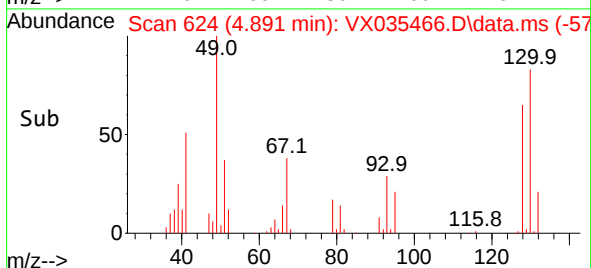
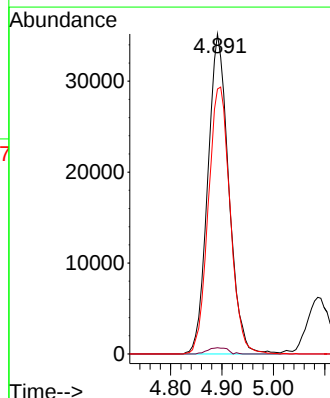
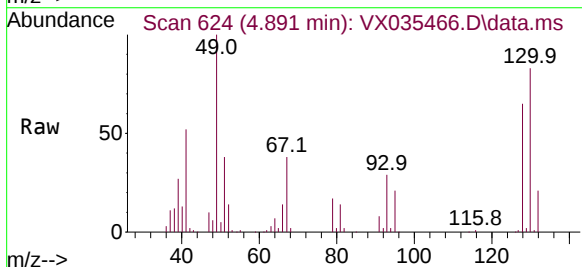
Tgt Ion: 49 Resp: 99805

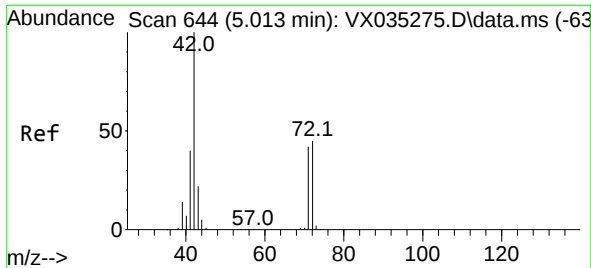
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 86.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 220.388 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 28783

Ion Ratio Lower Upper

42 100

72 47.3 34.5 51.7

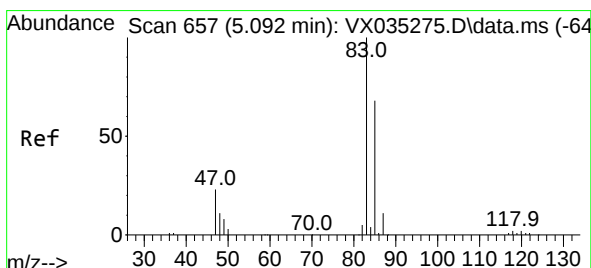
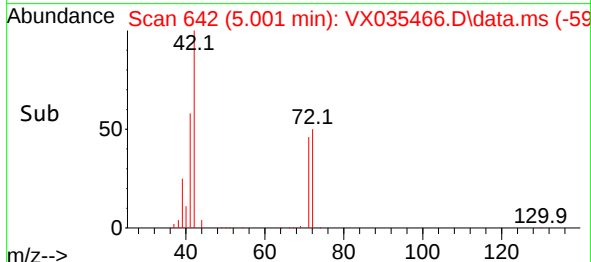
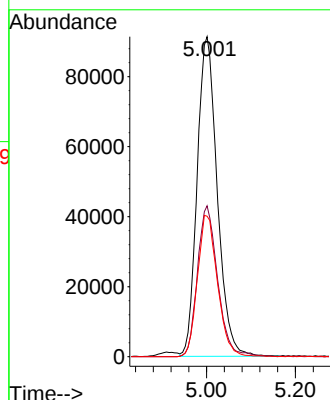
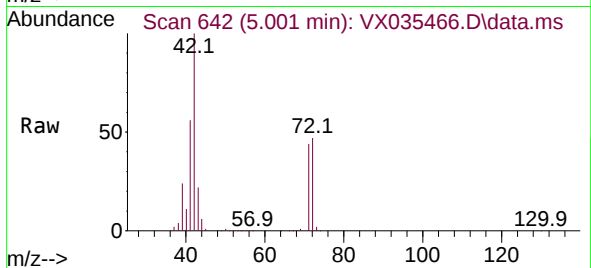
71 44.2 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#30

Chloroform

Concen: 50.865 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035466.D

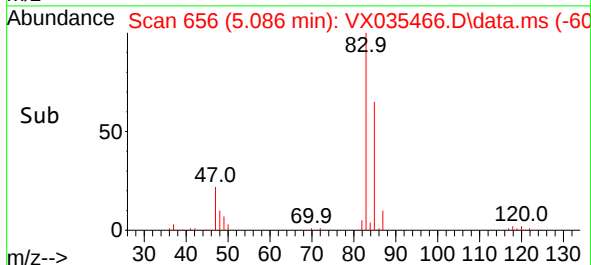
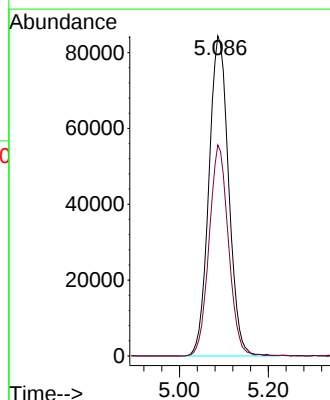
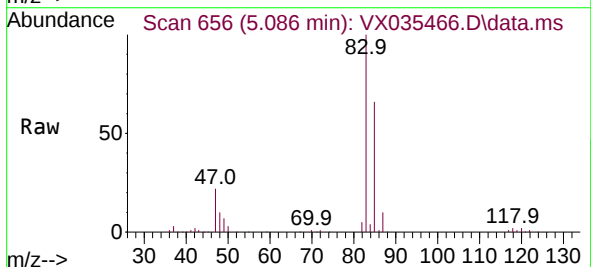
Acq: 02 May 2023 09:51

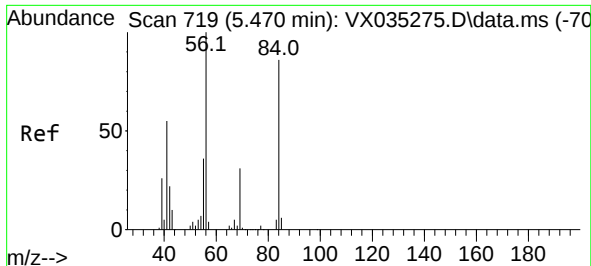
Tgt Ion: 83 Resp: 260602

Ion Ratio Lower Upper

83 100

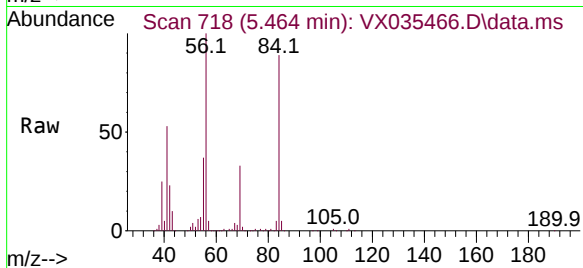
85 65.9 50.6 76.0





#31
Cyclohexane
Concen: 47.437 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

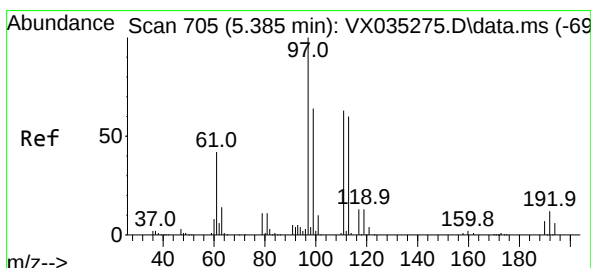
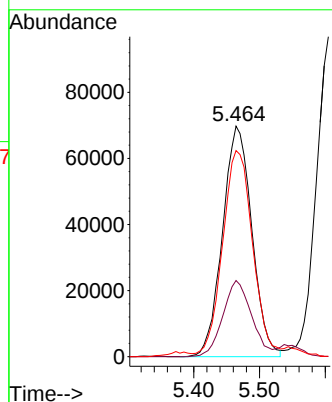
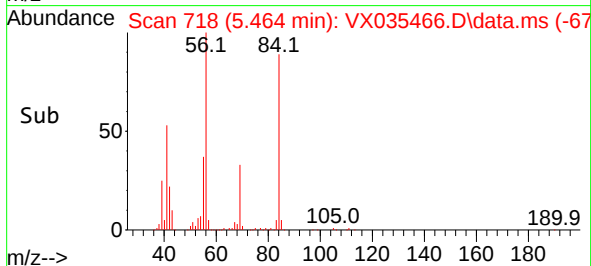
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 21626
Ion Ratio Lower Upper
56 100
69 33.1 23.7 35.5
84 87.9 68.5 102.7

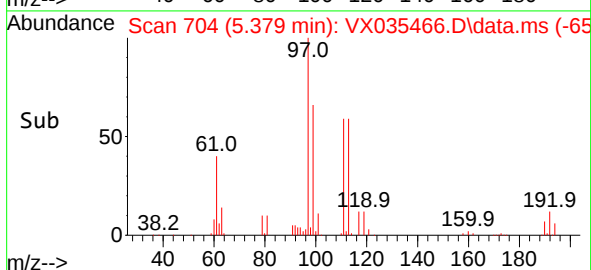
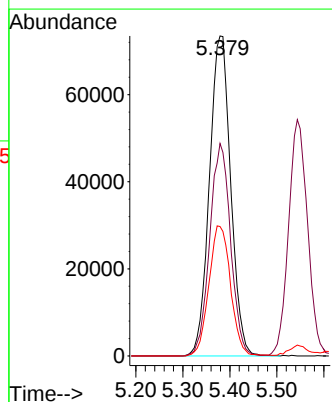
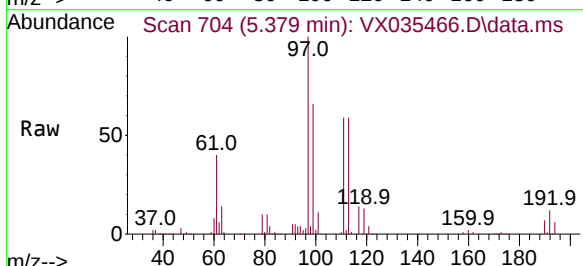
Manual Integrations
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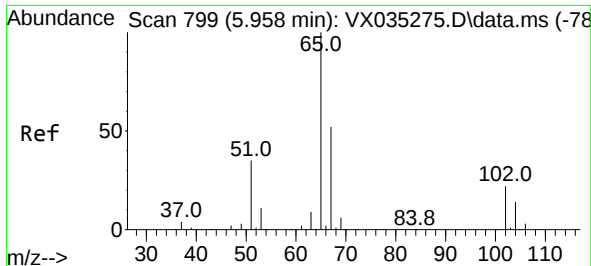
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#32
1,1,1-Trichloroethane
Concen: 51.329 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 97 Resp: 230466
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 41.4 36.5 54.7





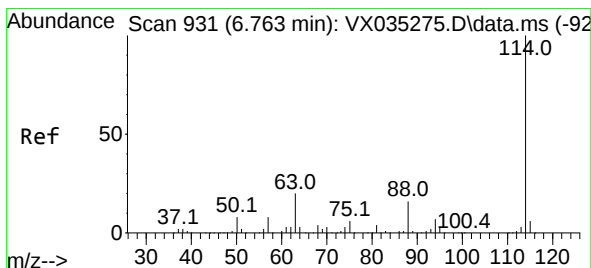
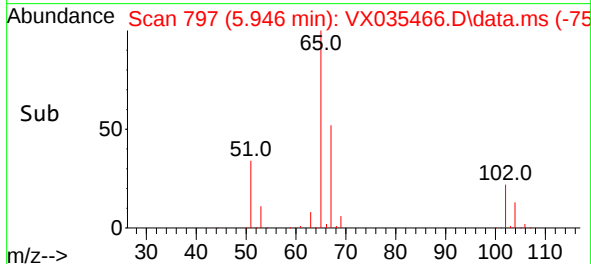
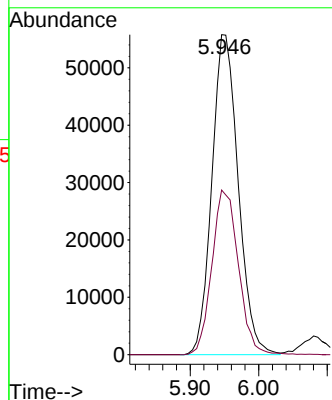
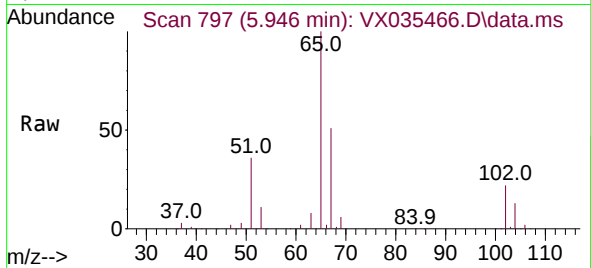
#33
1,2-Dichloroethane-d4
Concen: 46.335 ug/l
RT: 5.946 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 148912
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

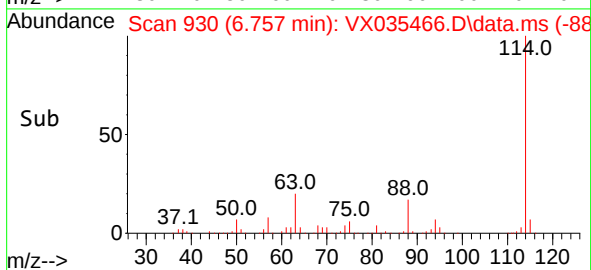
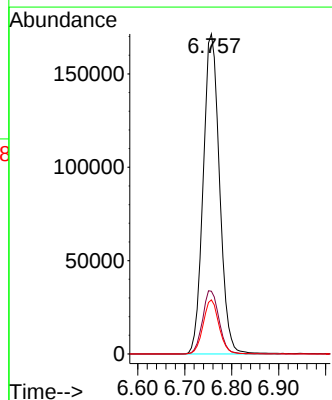
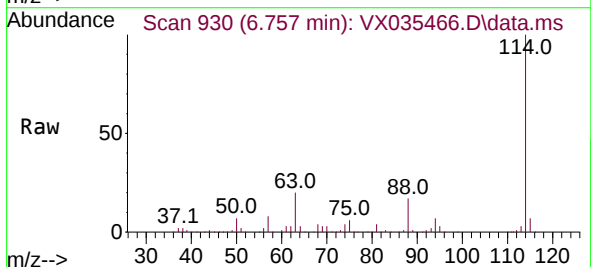
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

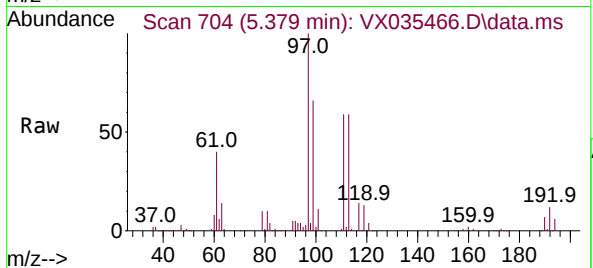
Tgt Ion:114 Resp: 413827
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 16.9 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.412 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

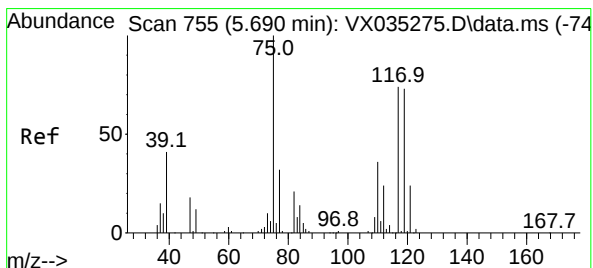
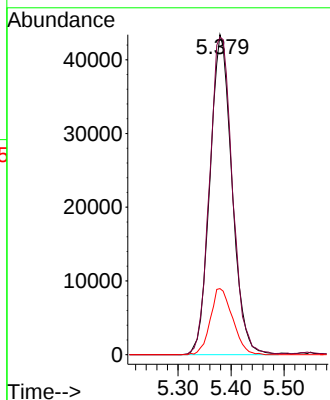
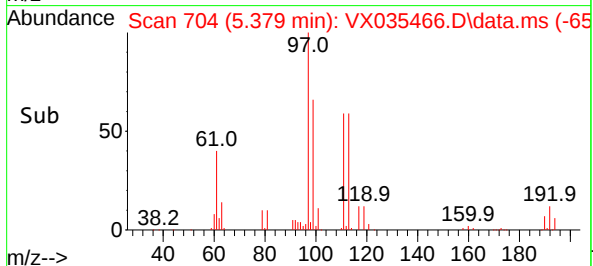
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 125504
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 20.8 15.4 23.2

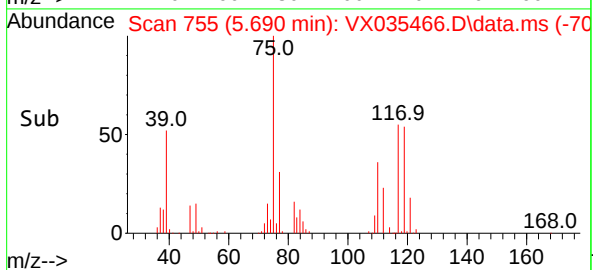
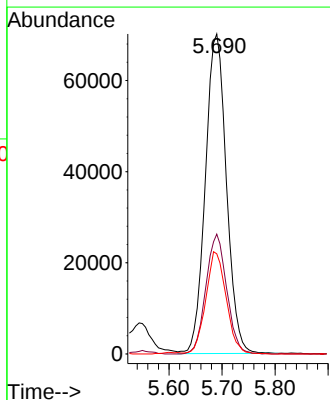
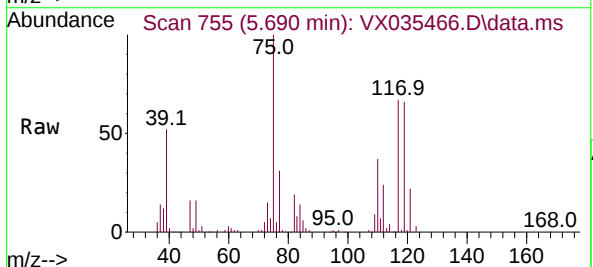
Manual Integrations
APPROVED

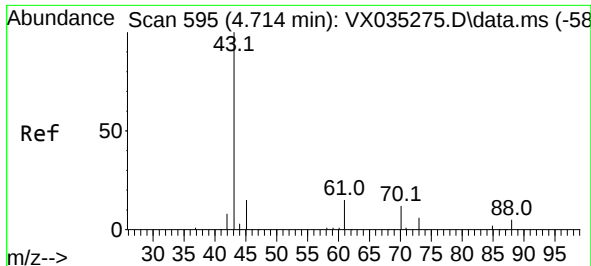
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#36
1,1-Dichloropropene
Concen: 48.759 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 75 Resp: 193380
Ion Ratio Lower Upper
75 100
110 37.1 17.5 52.5
77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 49.111 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 17789

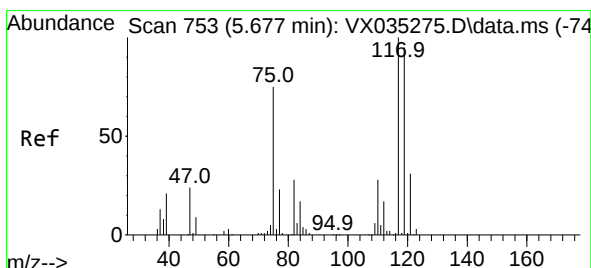
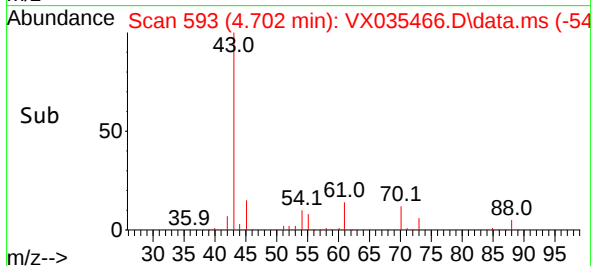
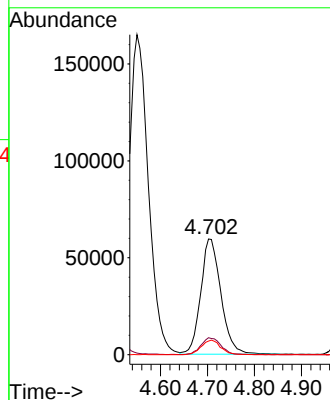
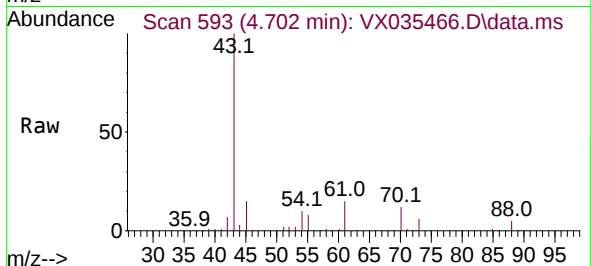
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	12.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#38

Carbon Tetrachloride

Concen: 53.615 ug/l

RT: 5.672 min Scan# 752

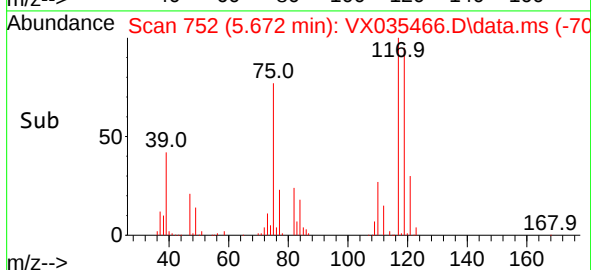
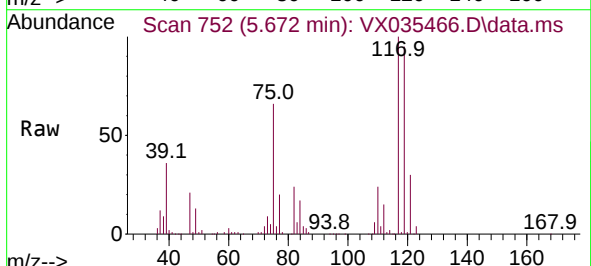
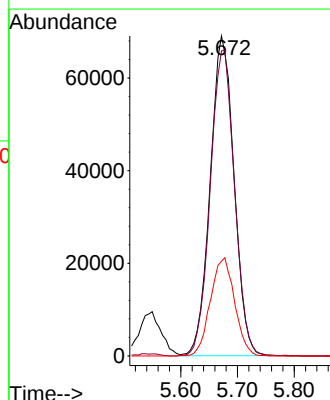
Delta R.T. -0.005 min

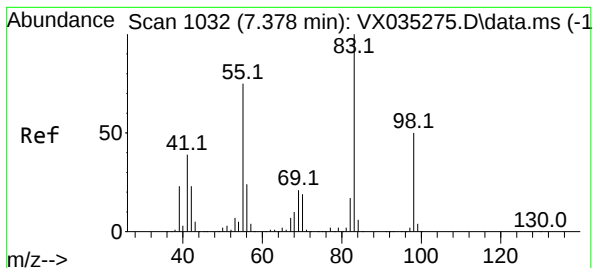
Lab File: VX035466.D

Acq: 02 May 2023 09:51

Tgt Ion:117 Resp: 201858

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.6	114.8
121	29.6	23.8	35.6





#39

Methylcyclohexane

Concen: 48.656 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 23489

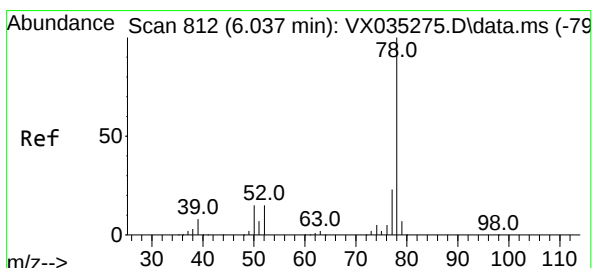
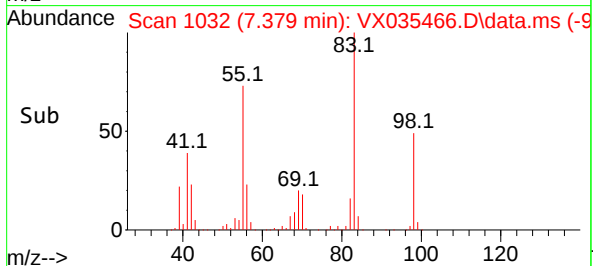
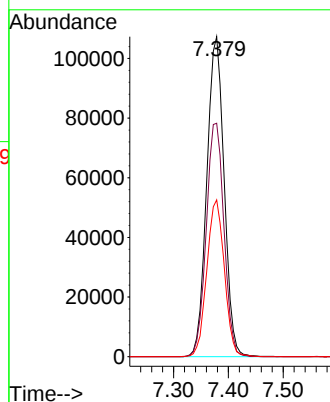
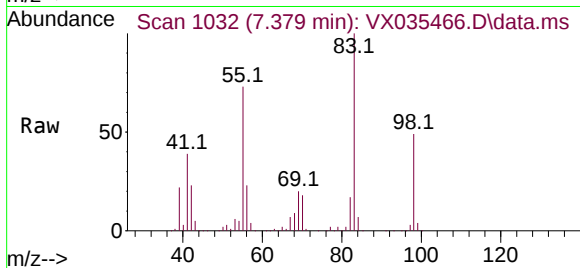
Ion	Ratio	Lower	Upper
83	100		
55	72.9	60.5	90.7
98	49.0	40.4	60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#40

Benzene

Concen: 49.128 ug/l

RT: 6.031 min Scan# 811

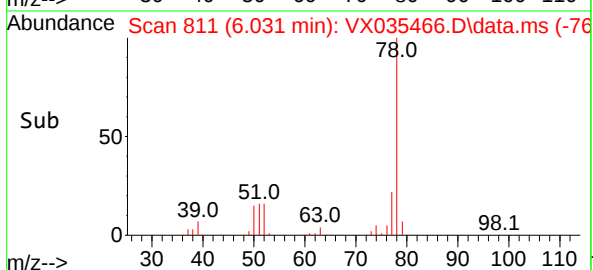
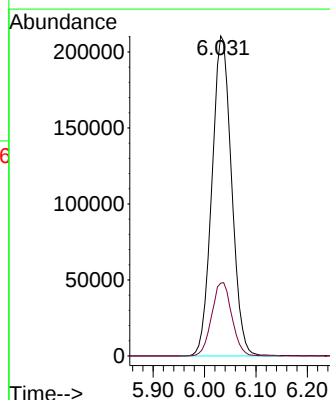
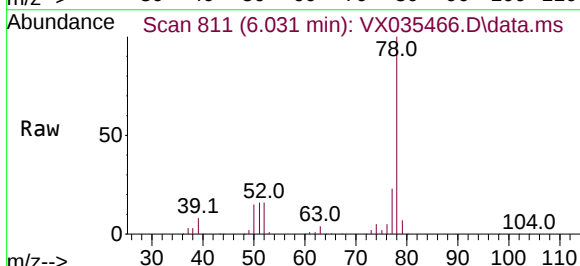
Delta R.T. -0.006 min

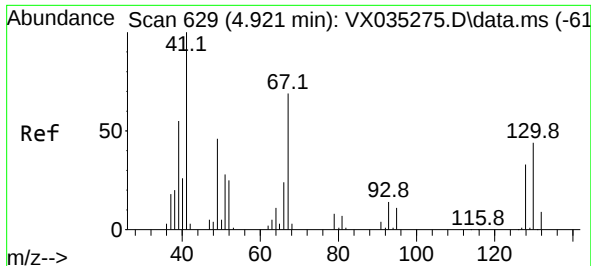
Lab File: VX035466.D

Acq: 02 May 2023 09:51

Tgt Ion: 78 Resp: 558930

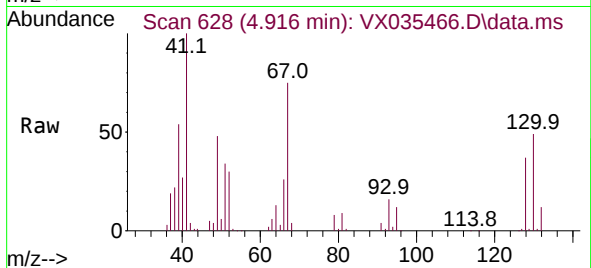
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.4





#41
Methacrylonitrile
Concen: 49.083 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

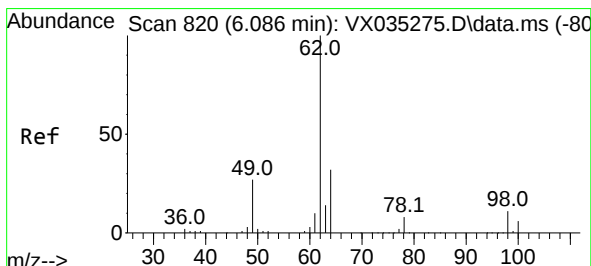
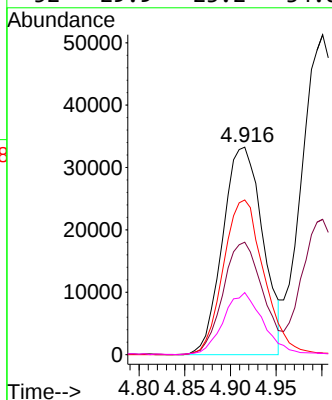
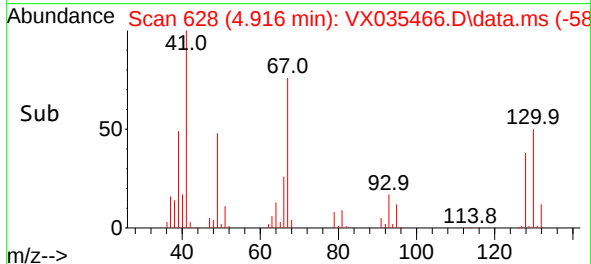
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 101870
Ion Ratio Lower Upper
41 100
39 54.4 45.0 67.6
67 75.6 55.6 83.4
52 29.9 23.2 34.8

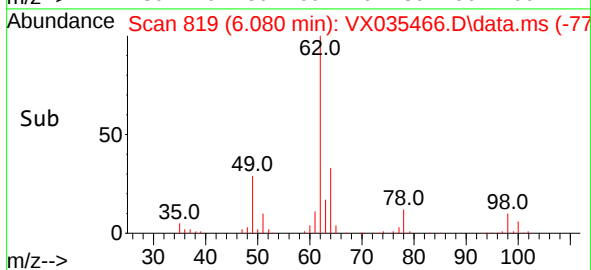
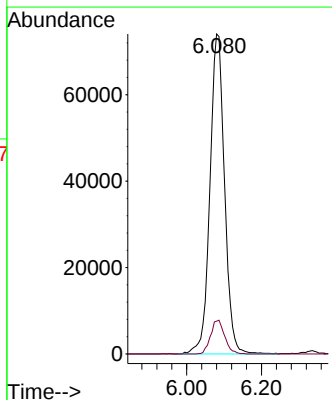
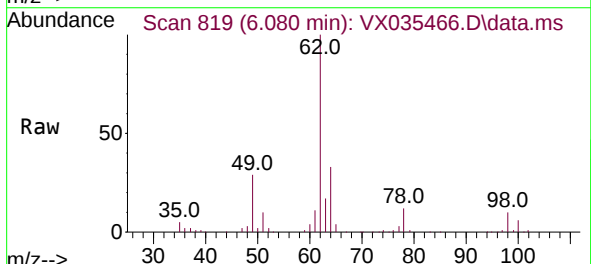
Manual Integrations
APPROVED

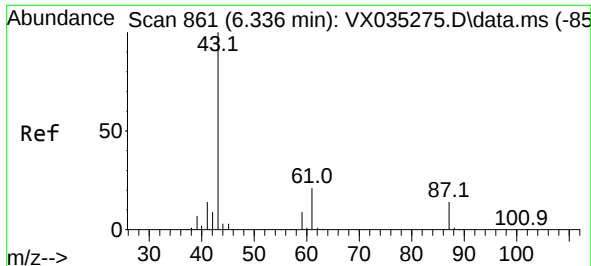
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#42
1,2-Dichloroethane
Concen: 49.663 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

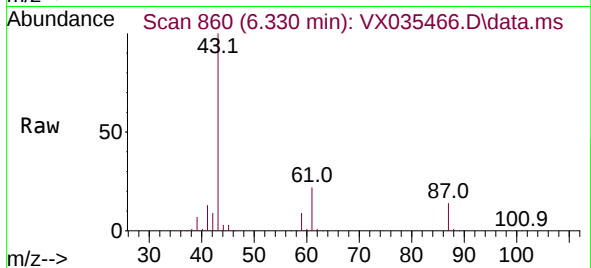
Tgt Ion: 62 Resp: 201458
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 51.007 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

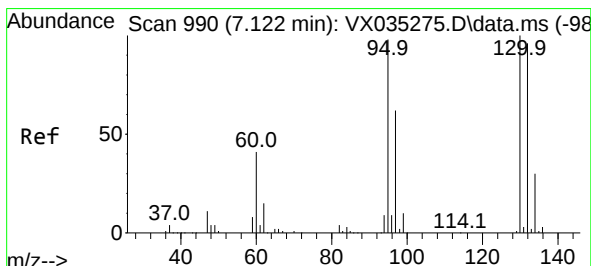
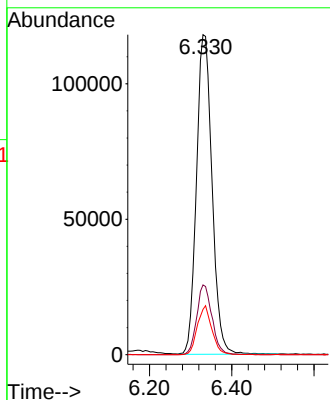
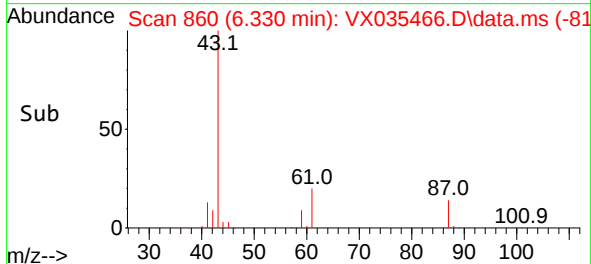
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 310450
Ion Ratio Lower Upper
43 100
61 21.4 15.2 22.8
87 14.3 9.8 14.8

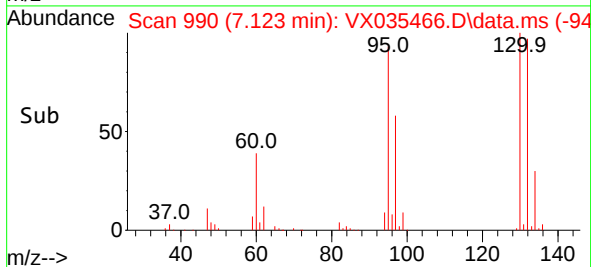
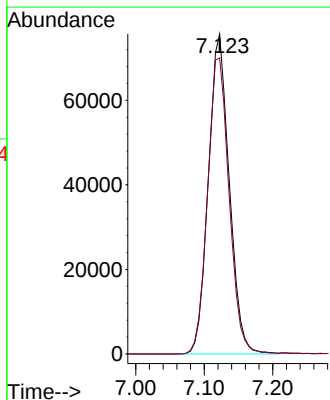
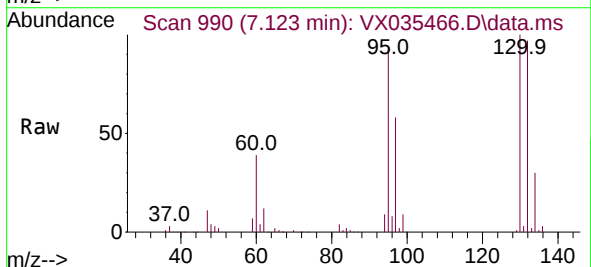
Manual Integrations
APPROVED

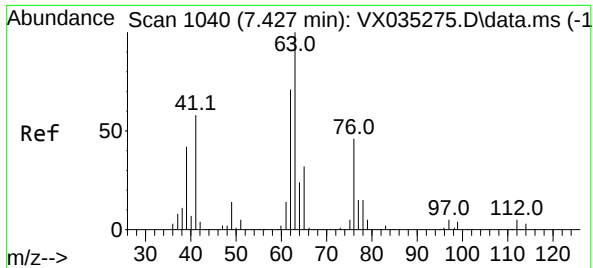
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#44
Trichloroethene
Concen: 51.146 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion:130 Resp: 160299
Ion Ratio Lower Upper
130 100
95 92.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 50.789 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14567

Ion Ratio Lower Upper

63 100

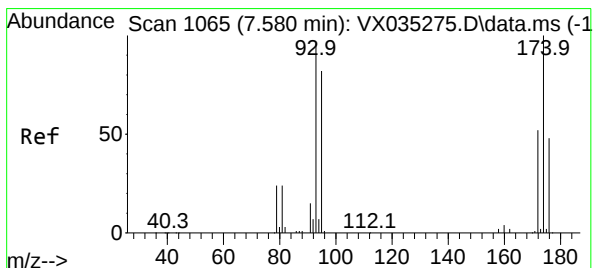
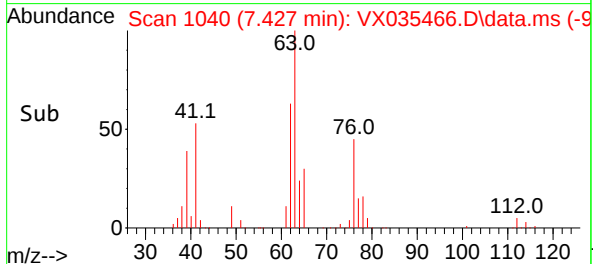
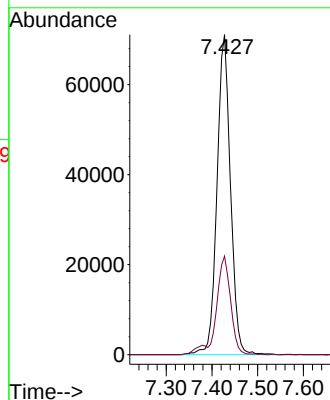
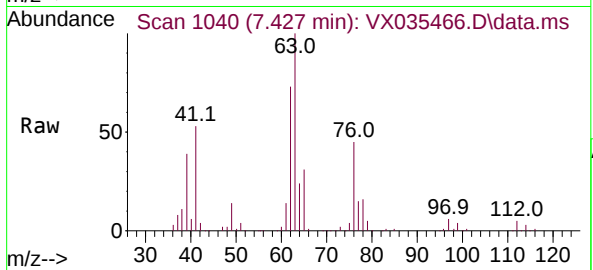
65 30.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#46

Dibromomethane

Concen: 50.671 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

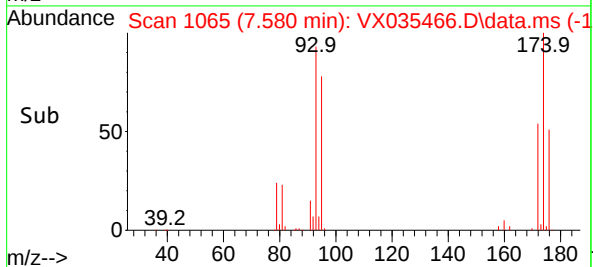
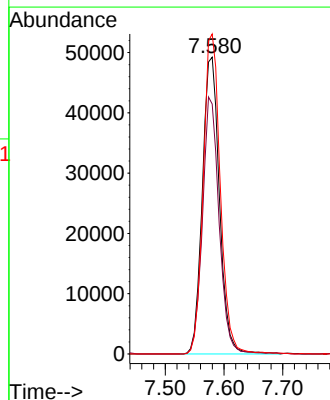
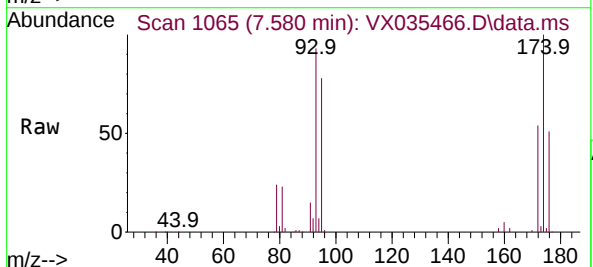
Tgt Ion: 93 Resp: 99807

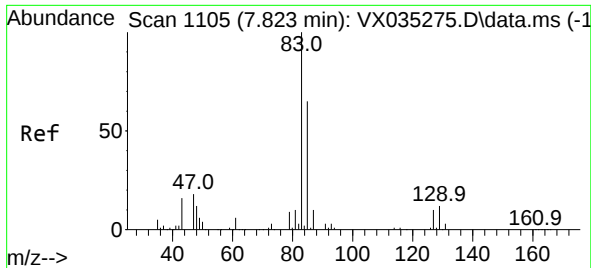
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 107.7 75.4 113.0





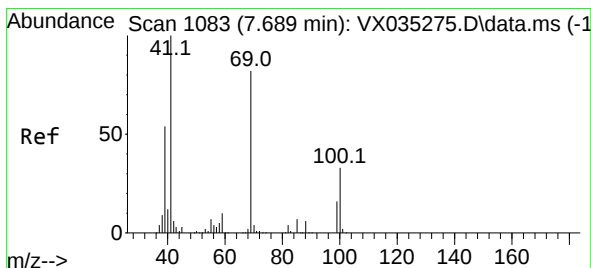
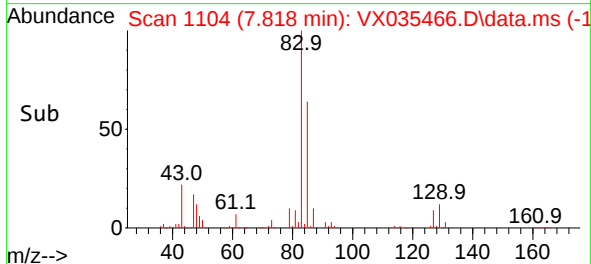
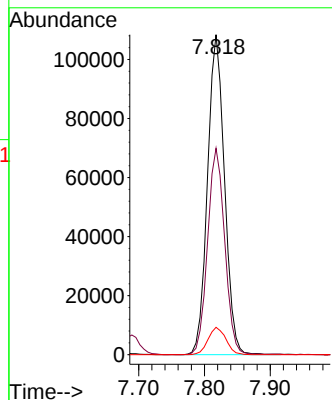
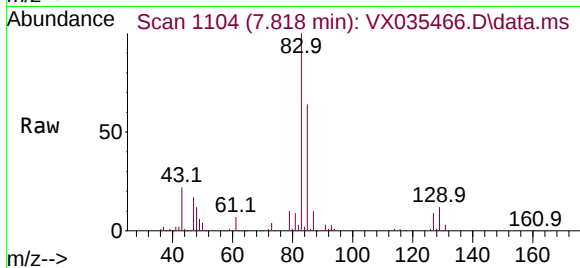
#47
Bromodichloromethane
Concen: 53.742 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 195035
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 8.5 6.6 9.8

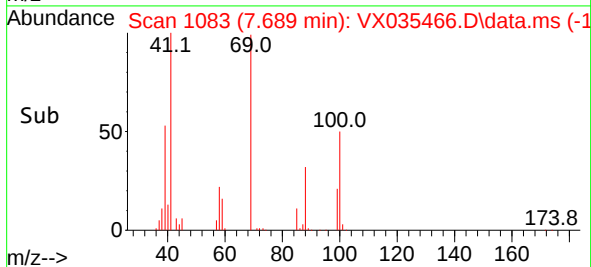
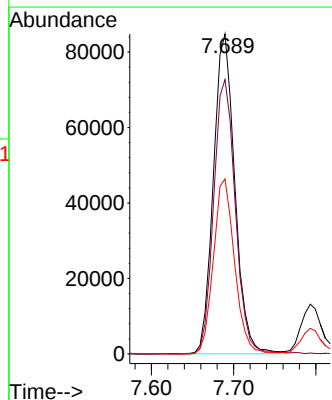
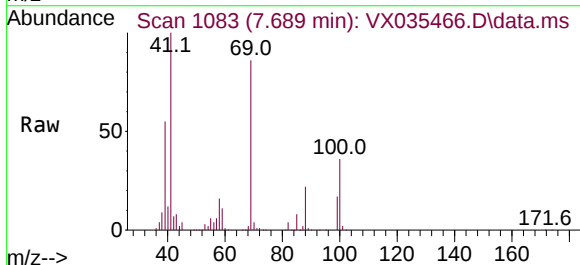
Manual Integrations
APPROVED

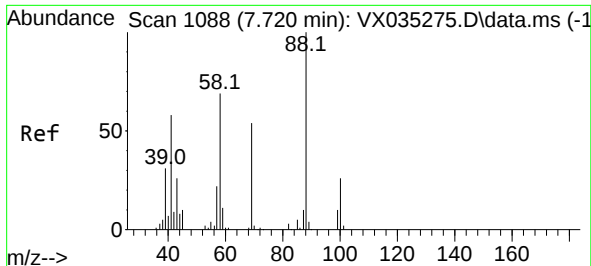
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#48
Methyl methacrylate
Concen: 51.232 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 41 Resp: 152959
Ion Ratio Lower Upper
41 100
69 87.3 62.2 93.4
39 54.5 47.7 71.5





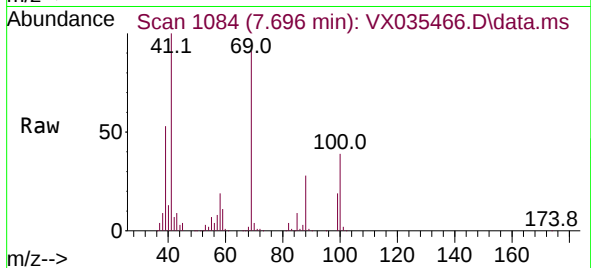
#49
1,4-Dioxane
Concen: 851.341 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.024 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



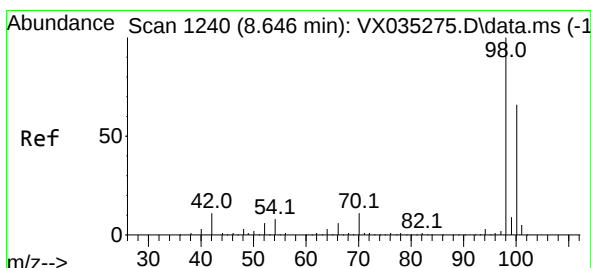
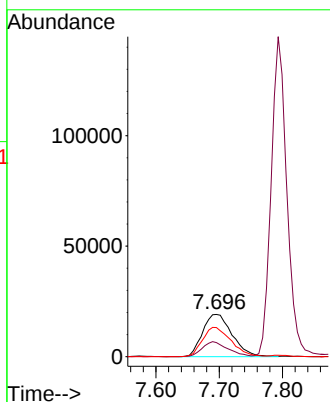
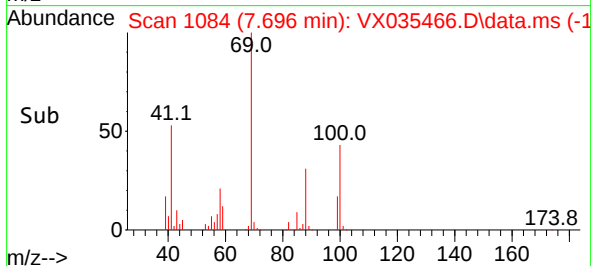
Tgt Ion: 88 Resp: 6195
Ion Ratio Lower Upper
88 100
43 30.3 27.7 41.5
58 67.2 56.8 85.2

Manual Integrations

APPROVED

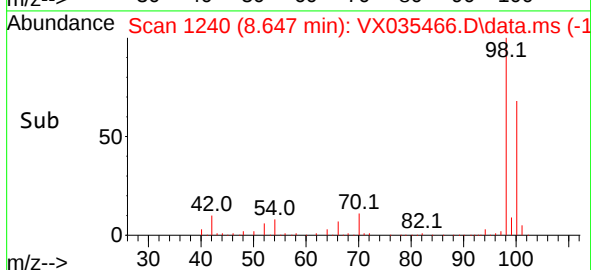
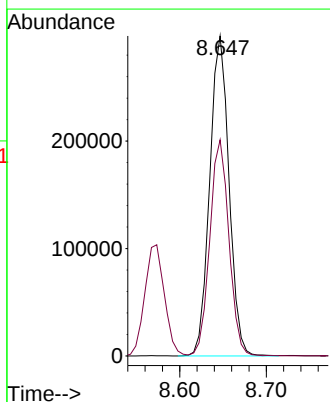
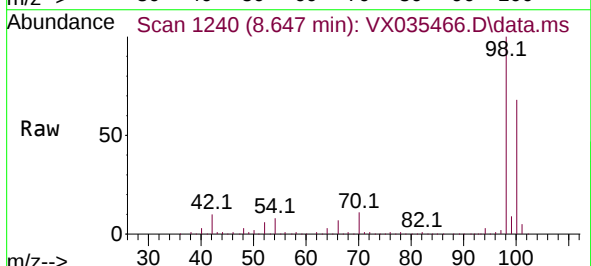
Reviewed By :John Carlone 05/03/2023

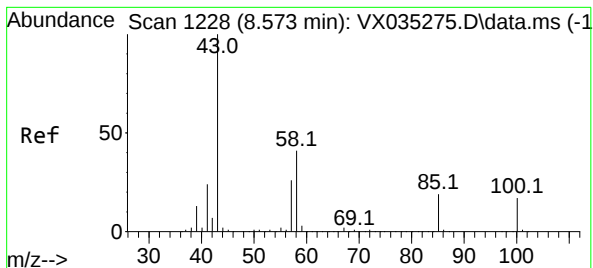
Supervised By :Mahesh Dadoda 05/03/2023



#50
Toluene-d8
Concen: 48.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 98 Resp: 460856
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7





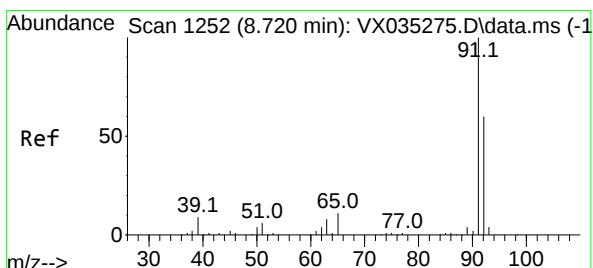
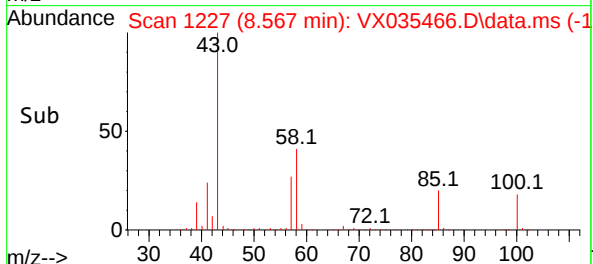
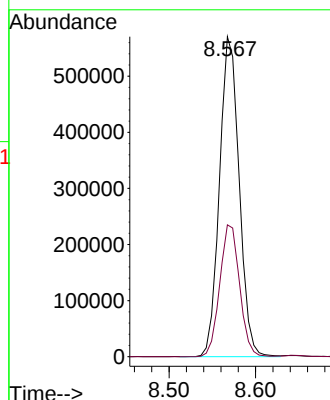
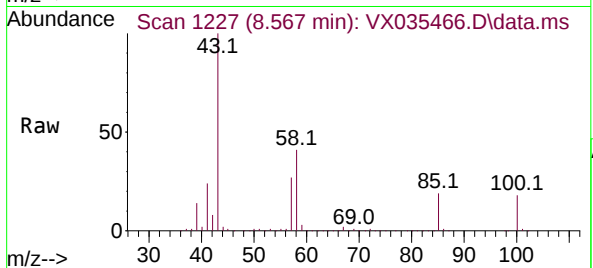
#51
4-Methyl-2-Pentanone
Concen: 240.624 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 89978
Ion Ratio Lower Upper
43 100
58 41.6 30.6 46.0

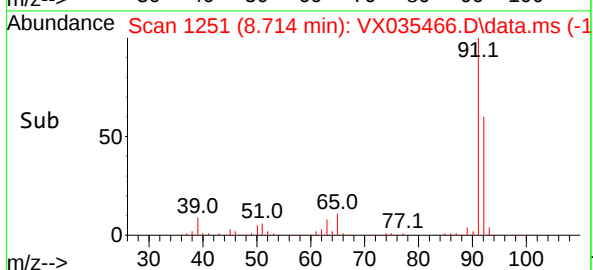
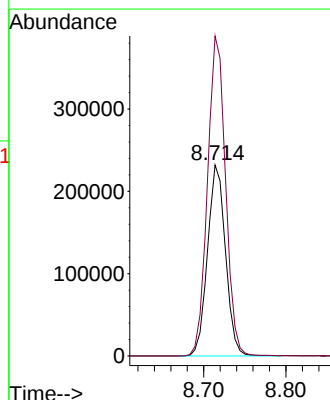
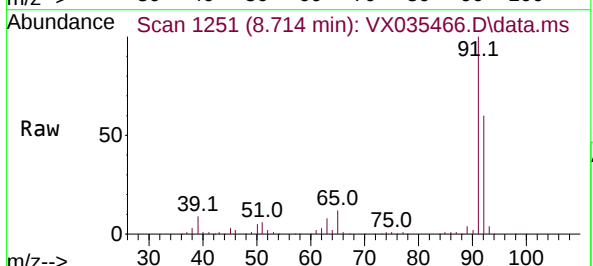
Manual Integrations
APPROVED

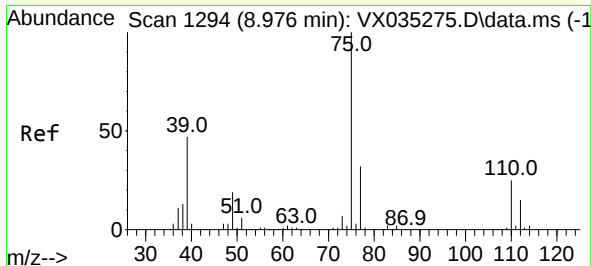
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#52
Toluene
Concen: 48.878 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Tgt Ion: 92 Resp: 352489
Ion Ratio Lower Upper
92 100
91 168.5 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 55.382 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 209890

Ion Ratio Lower Upper

75 100

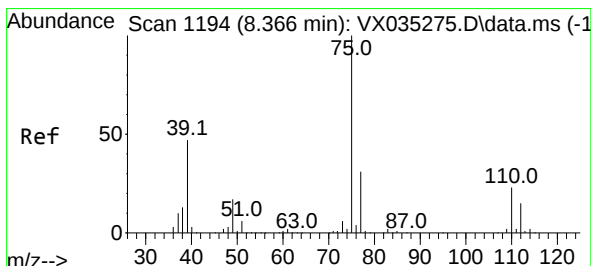
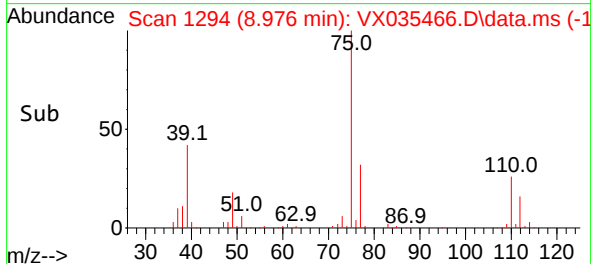
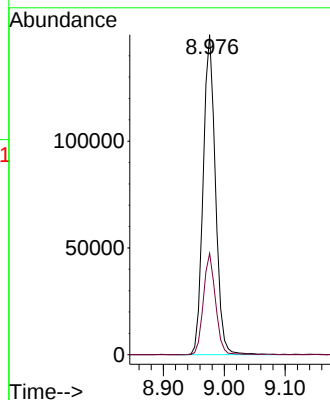
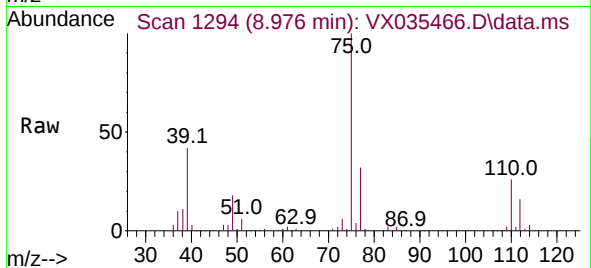
77 31.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#54

cis-1,3-Dichloropropene

Concen: 56.007 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

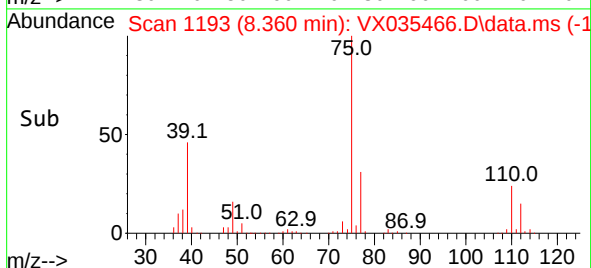
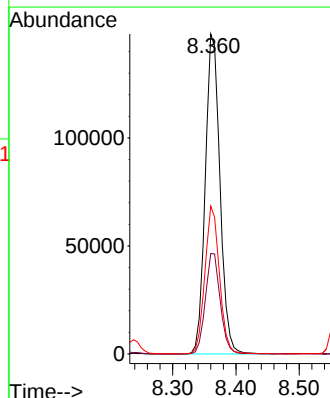
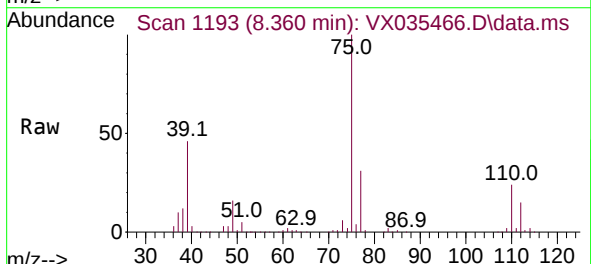
Tgt Ion: 75 Resp: 239922

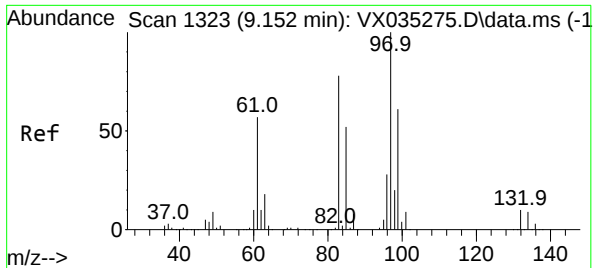
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

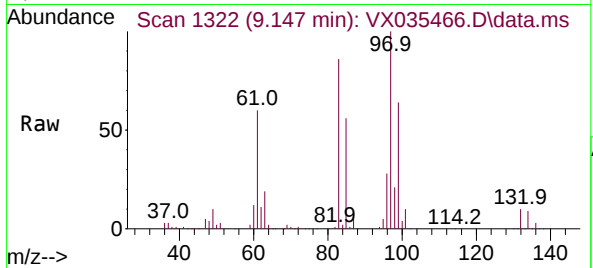
39 46.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 49.282 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.005 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

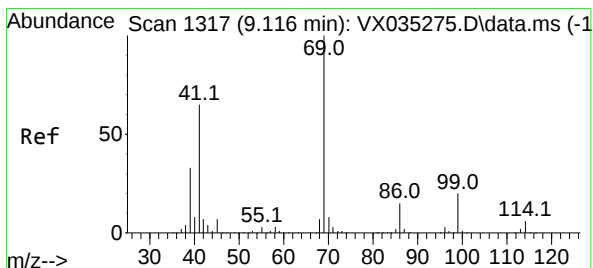
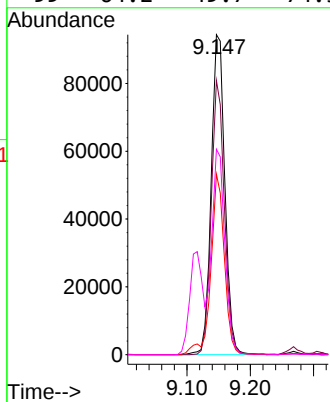
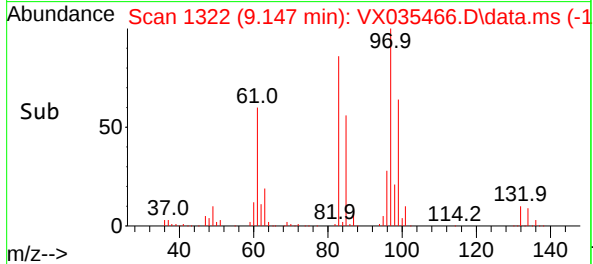
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 14168
Ion Ratio Lower Upper
97 100
83 85.6 69.7 104.5
85 56.4 43.7 65.5
99 64.2 49.7 74.5

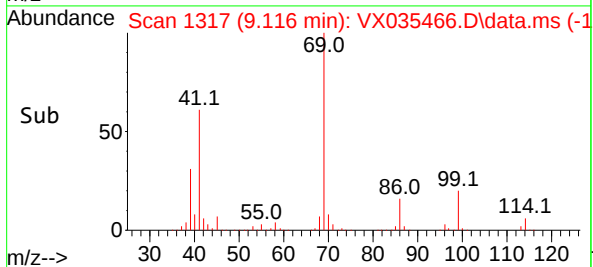
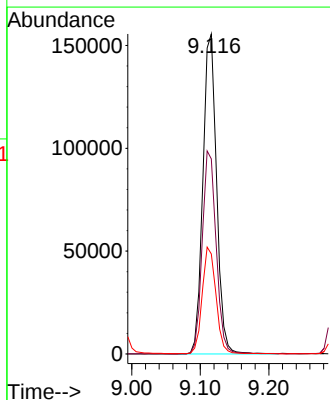
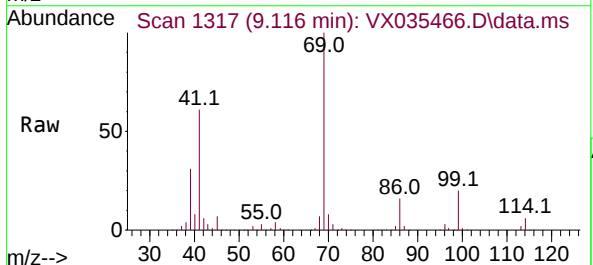
Manual Integrations
APPROVED

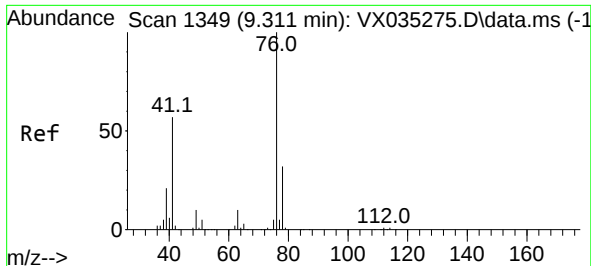
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#56
Ethyl methacrylate
Concen: 50.684 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

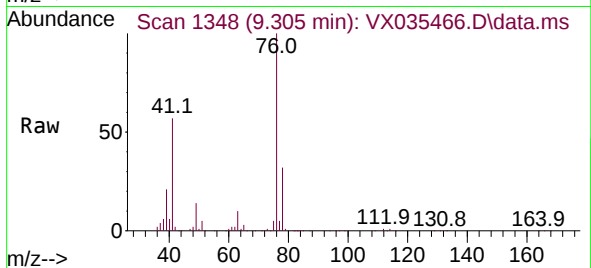
Tgt Ion: 69 Resp: 217063
Ion Ratio Lower Upper
69 100
41 64.6 57.4 86.0
39 33.6 33.7 50.5





#57
1,3-Dichloropropane
Concen: 48.307 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

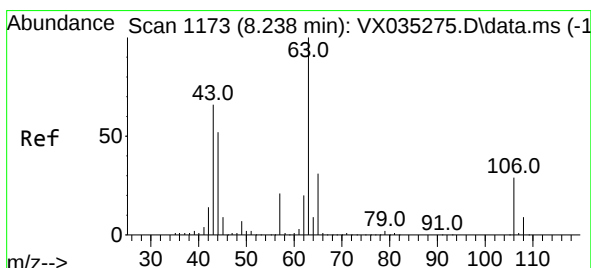
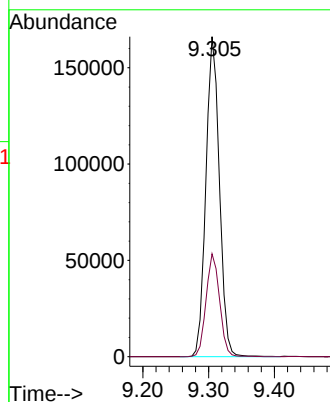
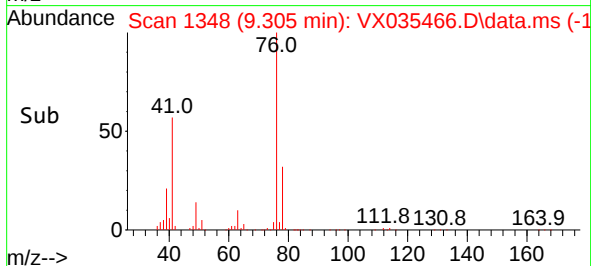
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 237538
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

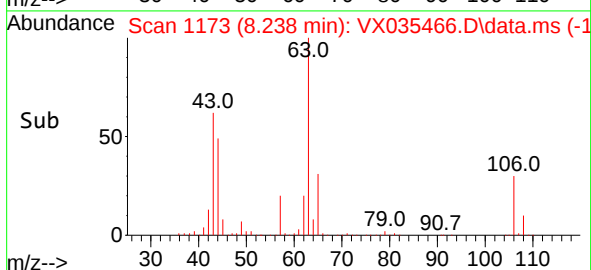
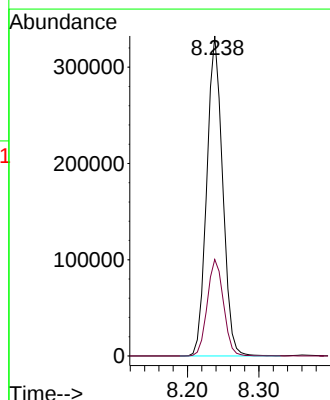
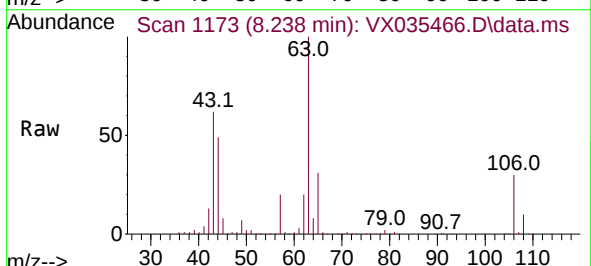
Manual Integrations
APPROVED

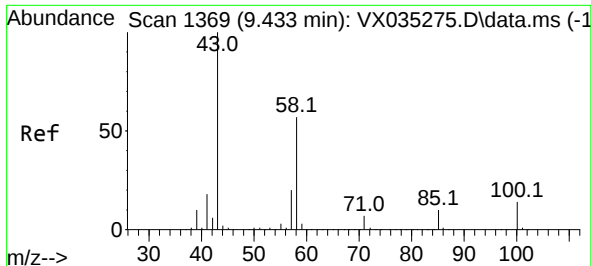
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#58
2-Chloroethyl Vinyl ether
Concen: 238.891 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

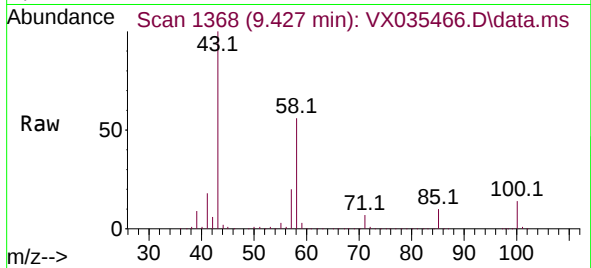
Tgt Ion: 63 Resp: 511559
Ion Ratio Lower Upper
63 100
106 30.8 22.2 33.2





#59
2-Hexanone
Concen: 234.279 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

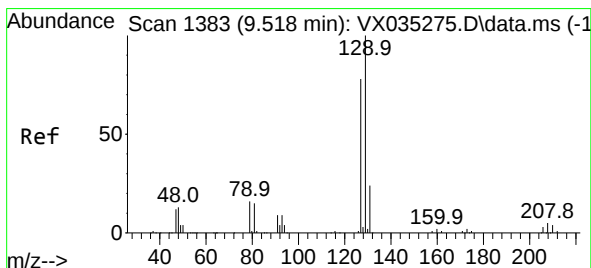
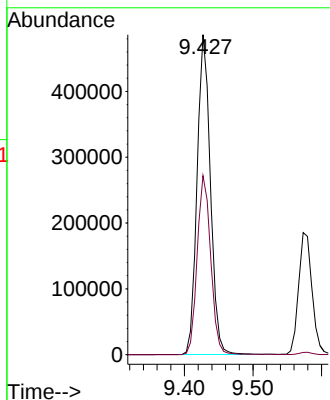
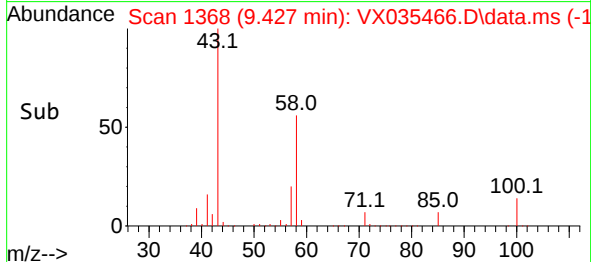
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



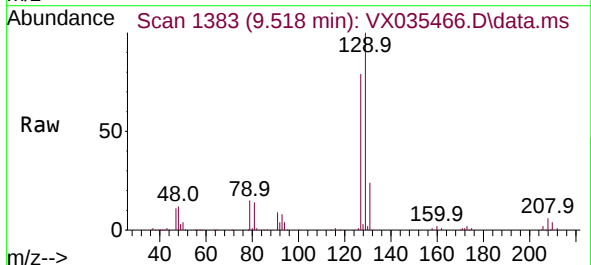
Tgt Ion: 43 Resp: 658138
Ion Ratio Lower Upper
43 100
58 56.9 26.3 78.9

Manual Integrations
APPROVED

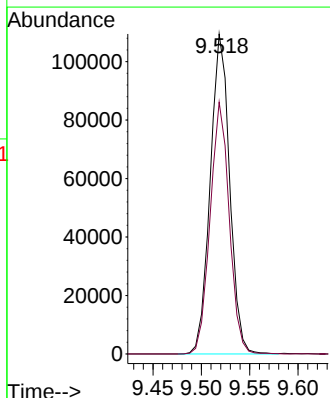
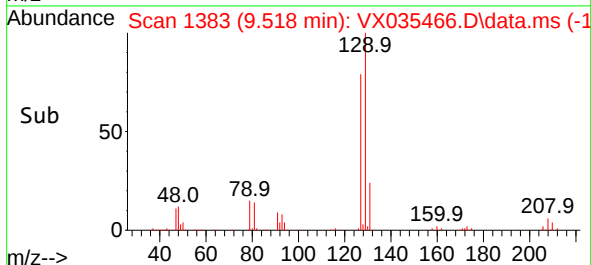
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

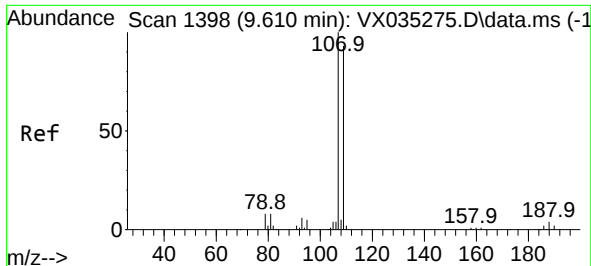


#60
Dibromochloromethane
Concen: 55.485 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



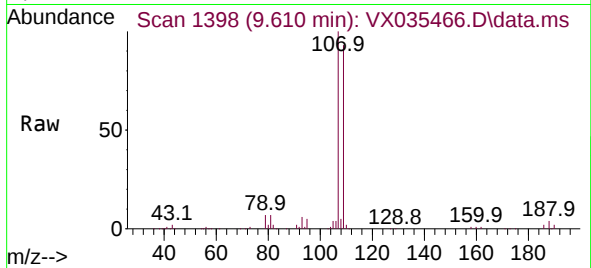
Tgt Ion:129 Resp: 152833
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 50.185 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

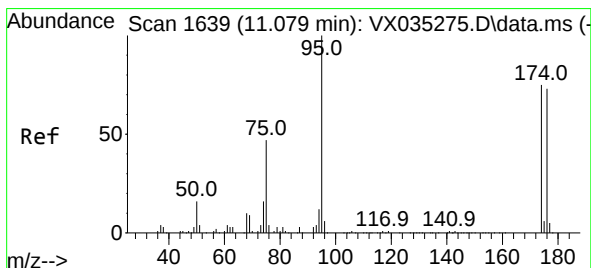
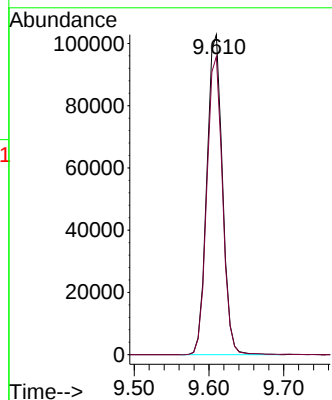
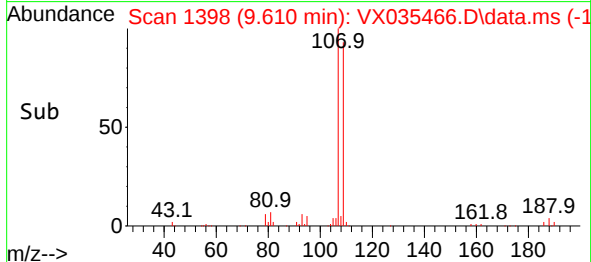
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 148734
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9

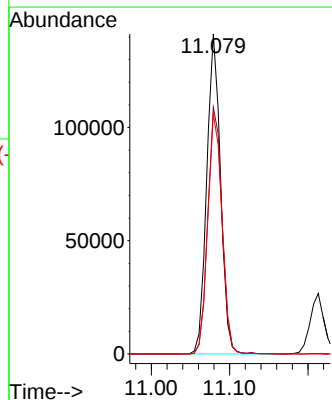
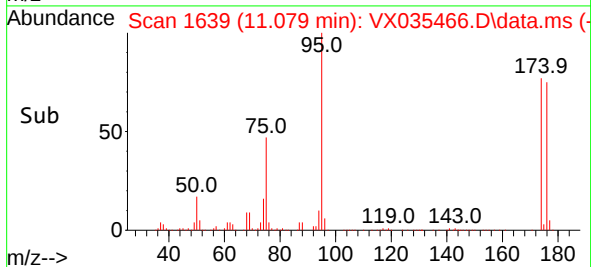
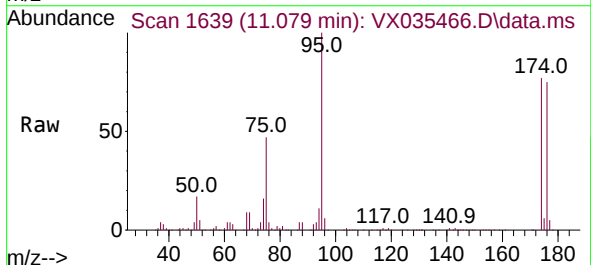
Manual Integrations
APPROVED

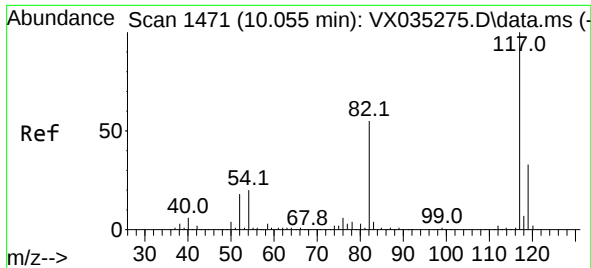
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#62
4-Bromofluorobenzene
Concen: 47.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

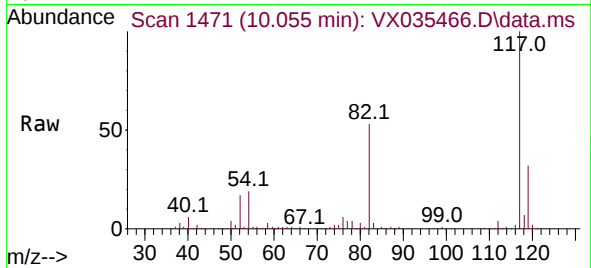
Tgt Ion: 95 Resp: 171896
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 78.0 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

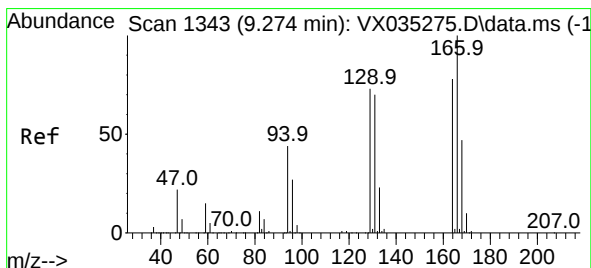
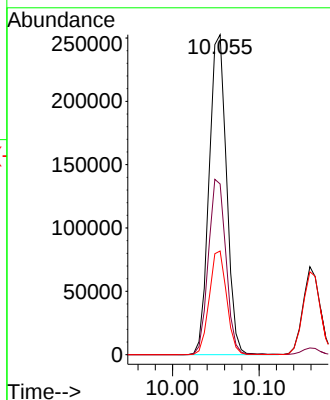
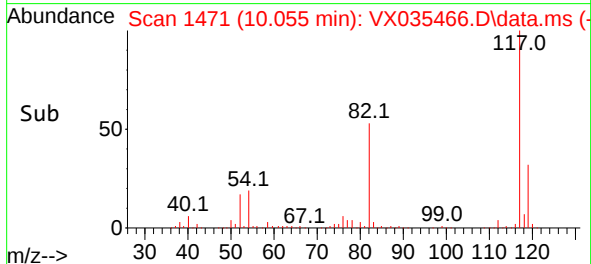
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 35280
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.4 26.0 39.0

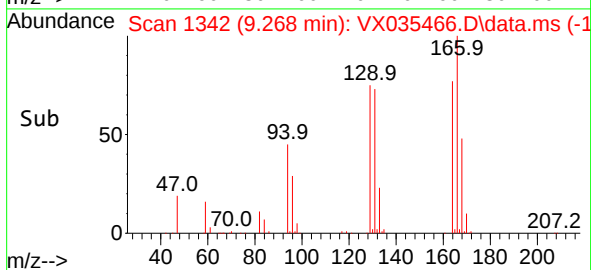
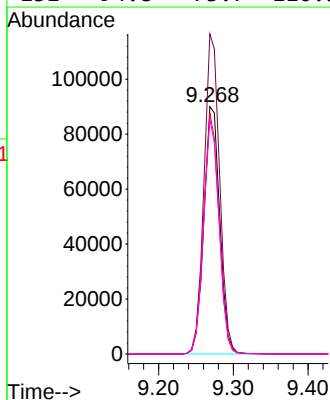
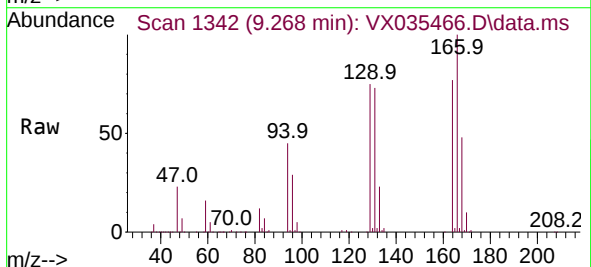
Manual Integrations
APPROVED

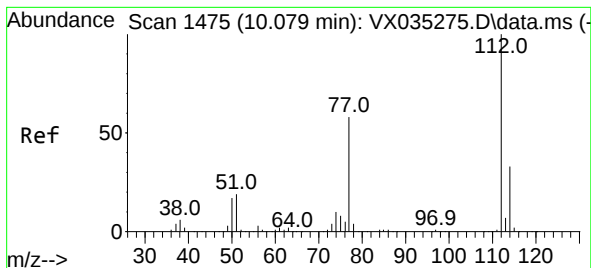
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#64
Tetrachloroethene
Concen: 48.986 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

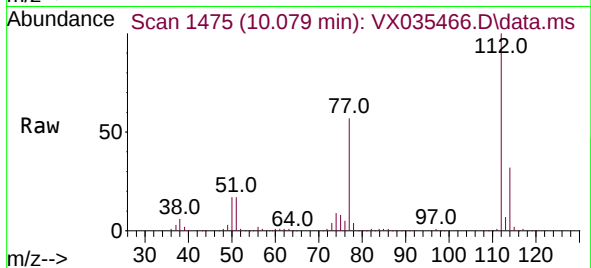
Tgt Ion:164 Resp: 132327
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 97.3 75.6 113.4
131 94.8 73.7 110.5





#65
Chlorobenzene
Concen: 49.856 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

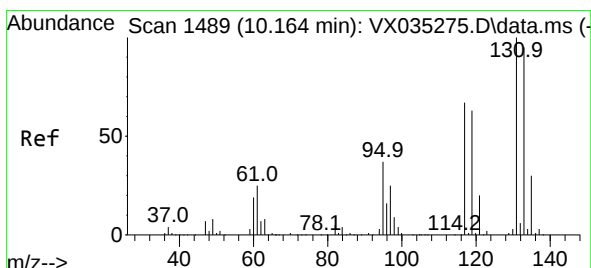
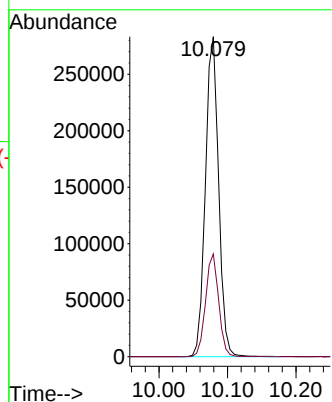
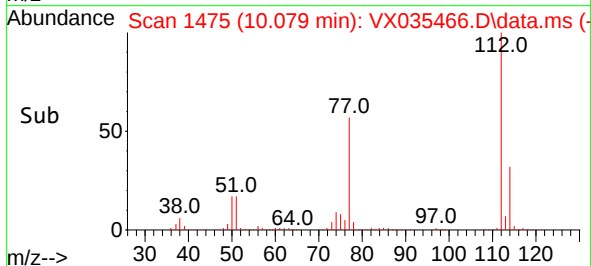
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



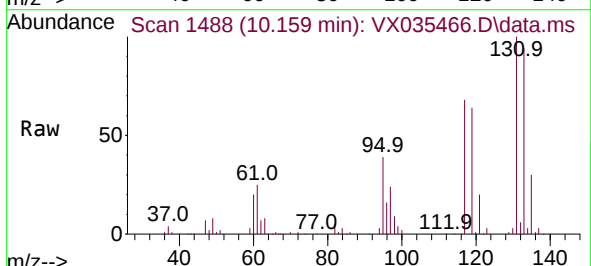
Tgt Ion:112 Resp: 380544
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

Manual Integrations
APPROVED

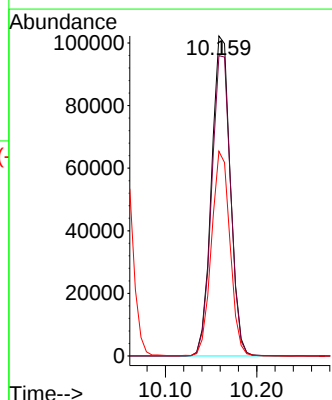
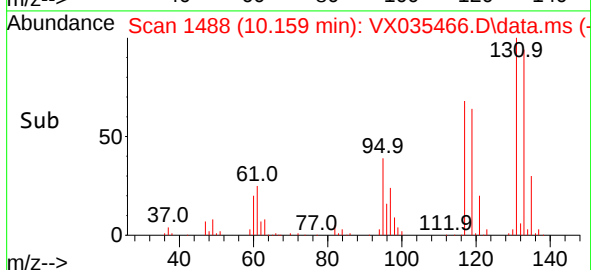
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

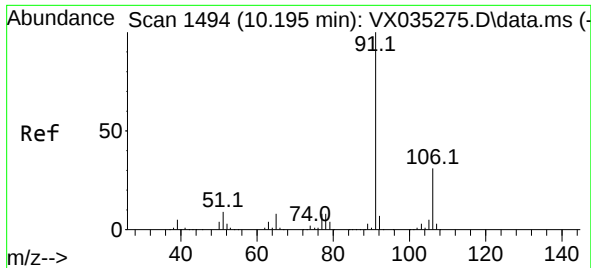


#66
1,1,1,2-Tetrachloroethane
Concen: 54.770 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



Tgt Ion:131 Resp: 145494
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 63.1 32.6 98.0





#67

Ethyl Benzene

Concen: 50.889 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 67268

Ion Ratio Lower Upper

91 100

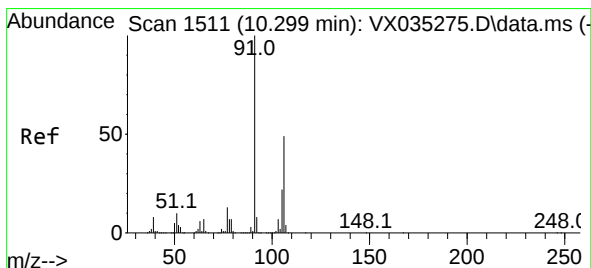
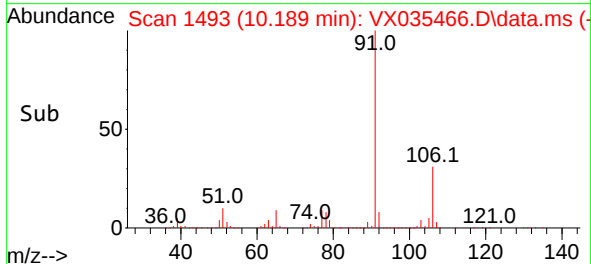
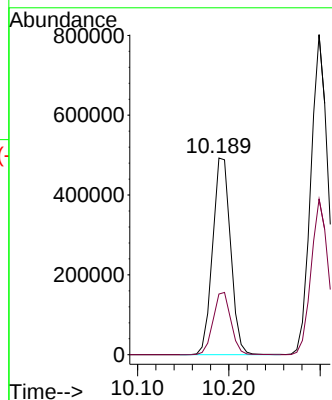
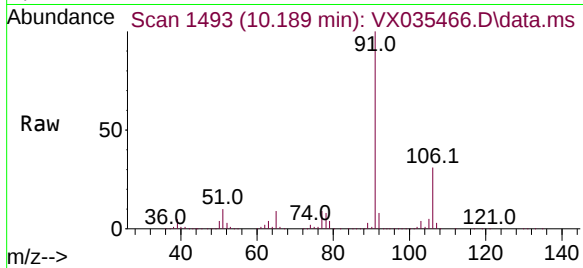
106 30.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#68

m/p-Xylenes

Concen: 101.477 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035466.D

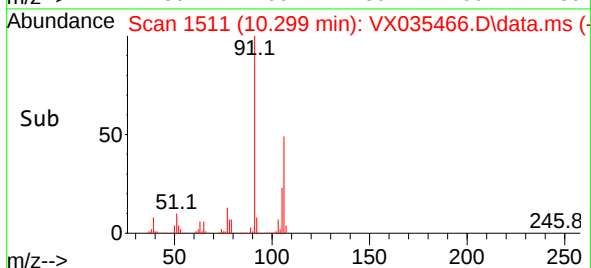
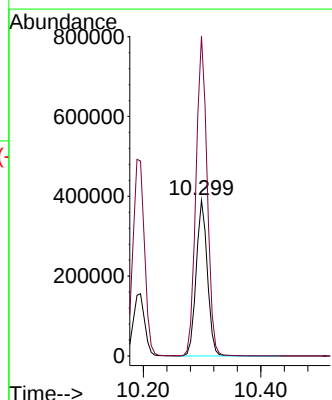
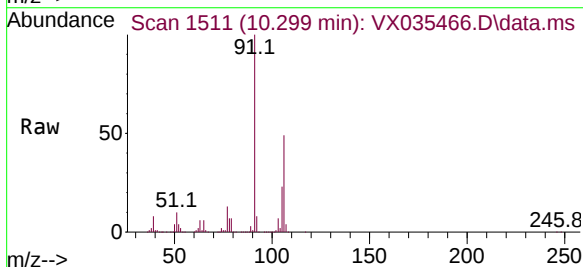
Acq: 02 May 2023 09:51

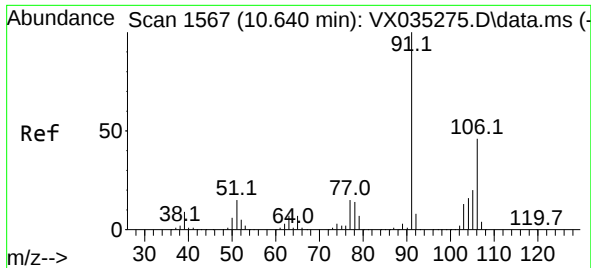
Tgt Ion:106 Resp: 513993

Ion Ratio Lower Upper

106 100

91 205.6 164.0 246.0





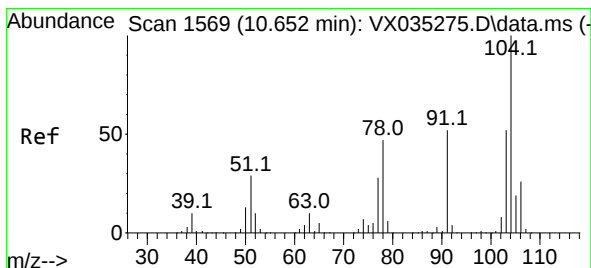
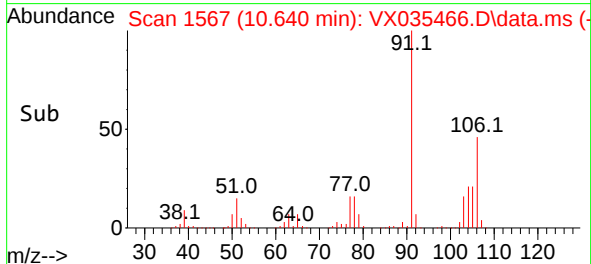
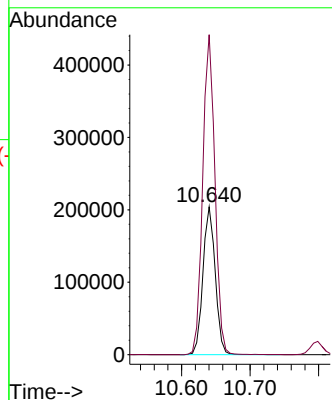
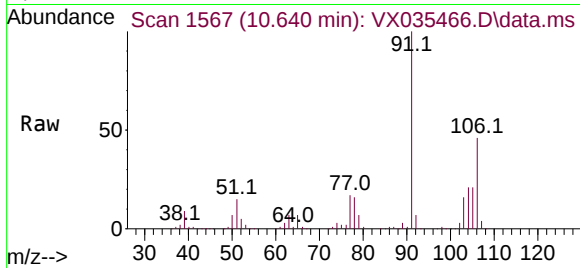
#69
o-Xylene
Concen: 51.344 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 255019
Ion Ratio Lower Upper
106 100
91 215.2 108.5 325.3

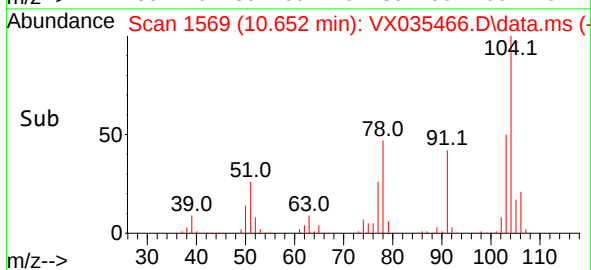
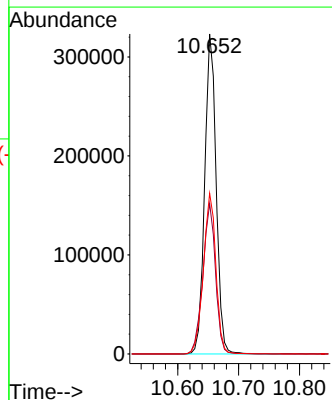
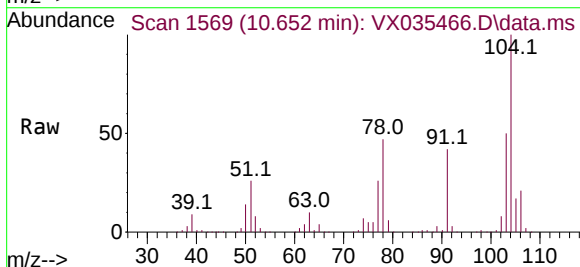
Manual Integrations
APPROVED

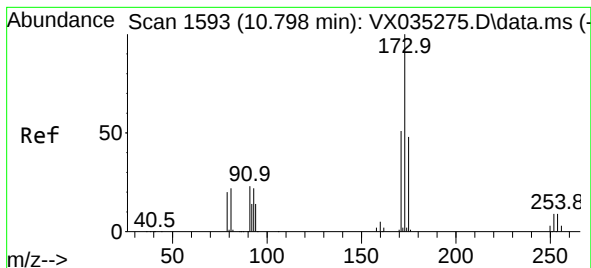
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#70
Styrene
Concen: 52.688 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

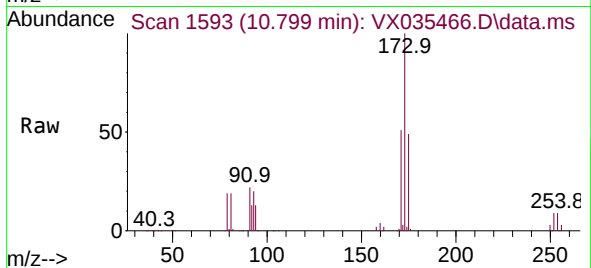
Tgt Ion:104 Resp: 424310
Ion Ratio Lower Upper
104 100
78 51.8 43.4 65.2
103 54.8 44.2 66.2





#71
Bromoform
Concen: 58.096 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

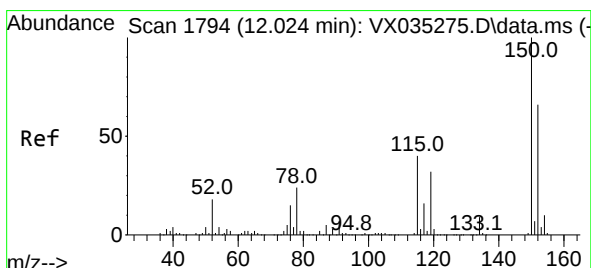
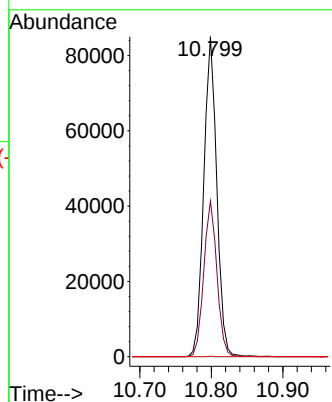
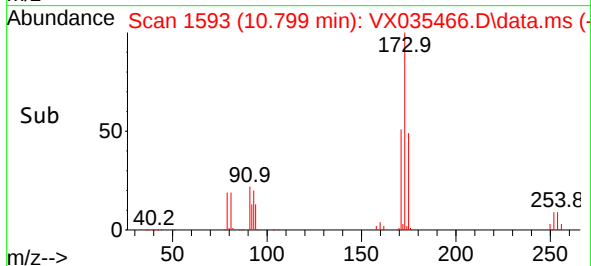
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



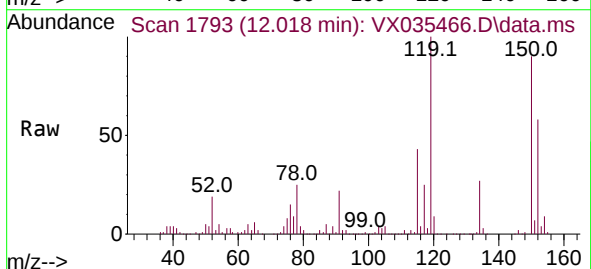
Tgt Ion:173 Resp: 10734
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

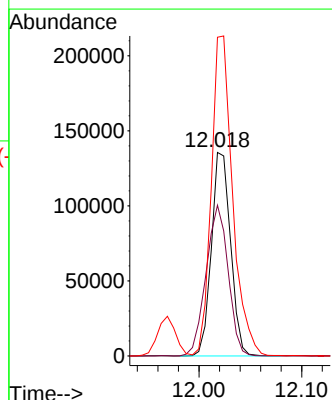
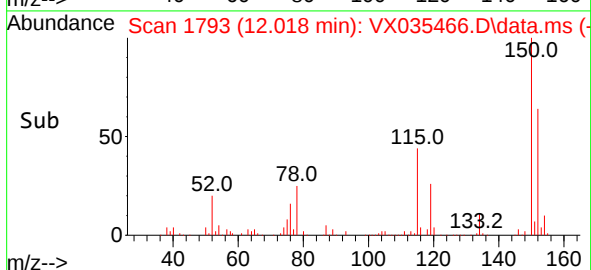
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

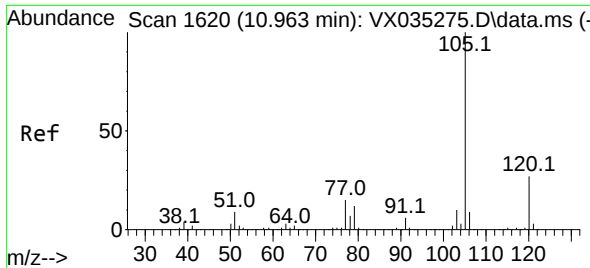


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



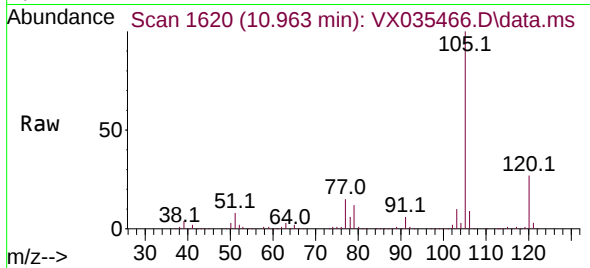
Tgt Ion:152 Resp: 175791
Ion Ratio Lower Upper
152 100
115 85.4 45.0 135.0
150 174.7 0.0 352.4





#73
Isopropylbenzene
Concen: 51.965 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

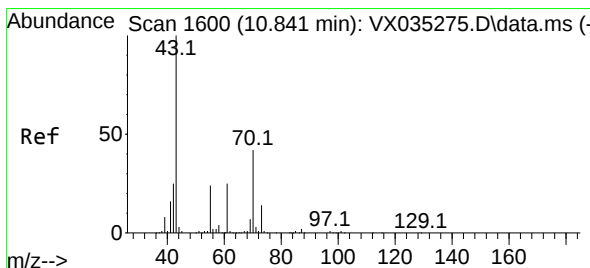
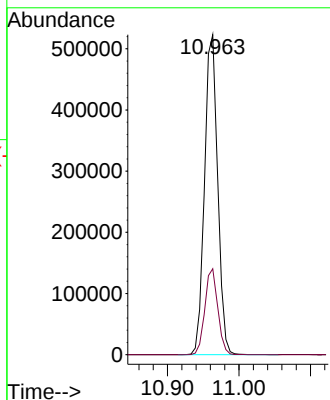
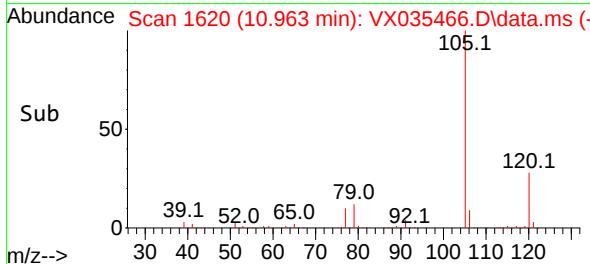
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



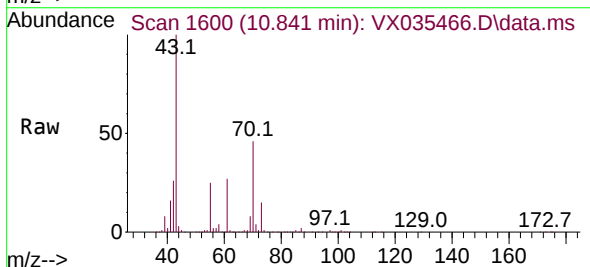
Tgt Ion:105 Resp: 667754
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
APPROVED

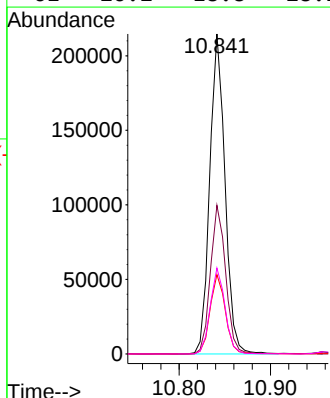
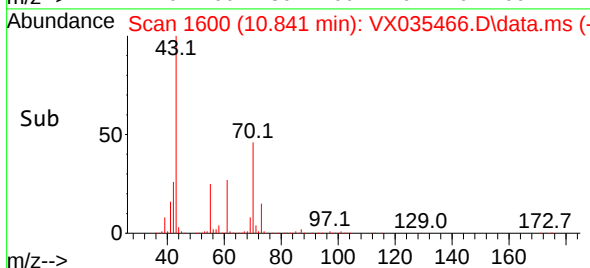
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

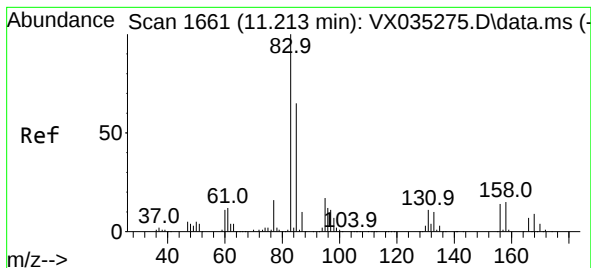


#74
N-ethyl acetate
Concen: 51.453 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



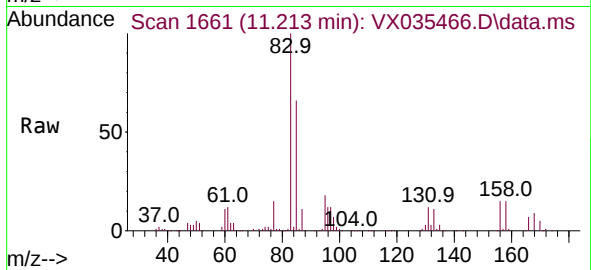
Tgt Ion: 43 Resp: 248475
Ion Ratio Lower Upper
43 100
70 46.7 32.1 48.1
55 25.0 18.3 27.5
61 26.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.809 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

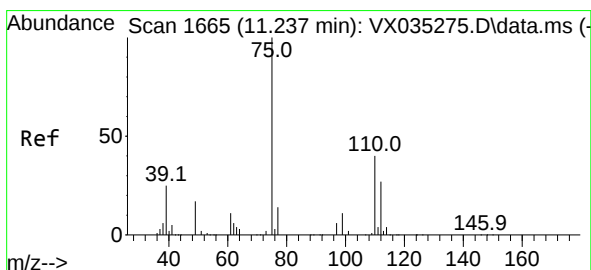
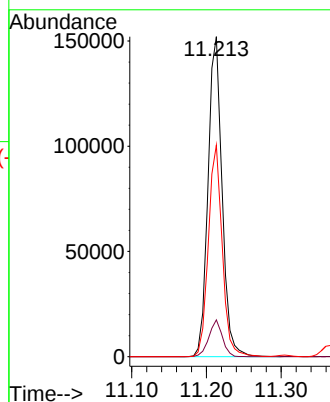
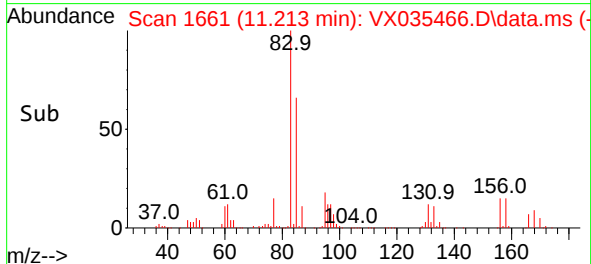
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



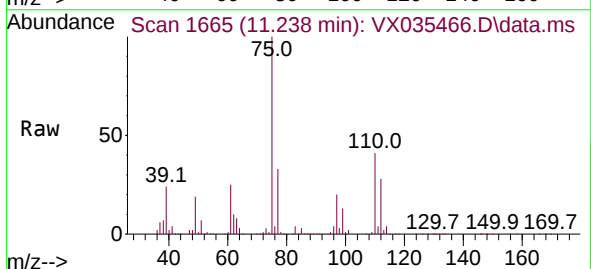
Tgt Ion: 83 Resp: 19866
Ion Ratio Lower Upper
83 100
131 11.1 4.8 14.3
85 65.3 32.0 96.0

Manual Integrations
APPROVED

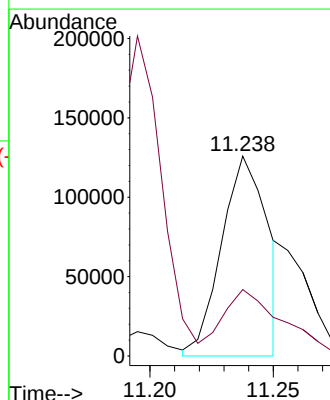
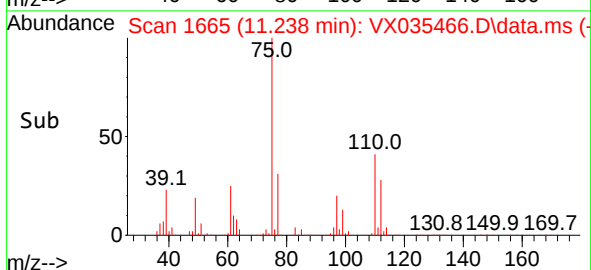
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

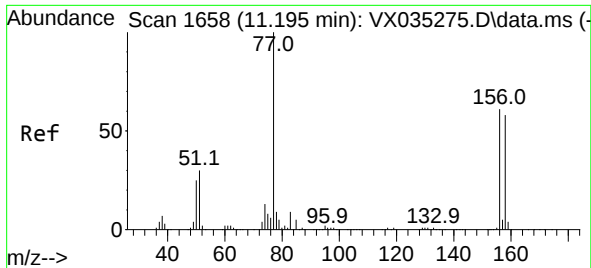


#76
1,2,3-Trichloropropane
Concen: 46.674 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



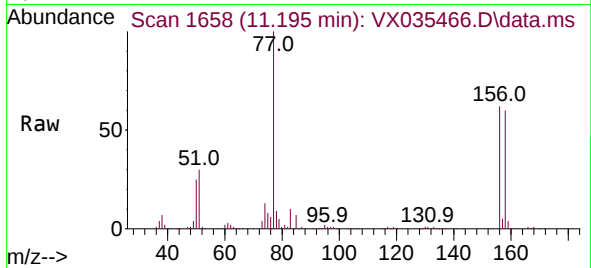
Tgt Ion: 75 Resp: 163668
Ion Ratio Lower Upper
75 100
77 43.7 21.6 64.8





#77
Bromobenzene
Concen: 52.203 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

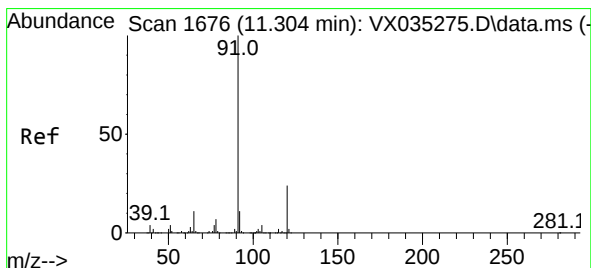
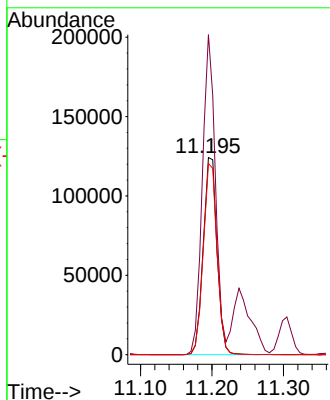
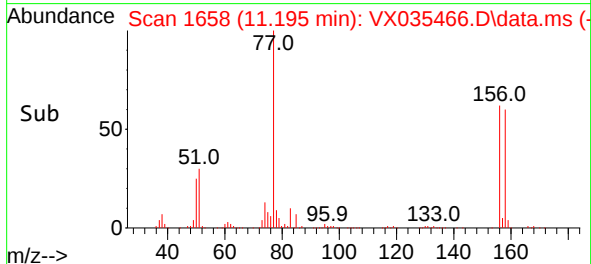
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



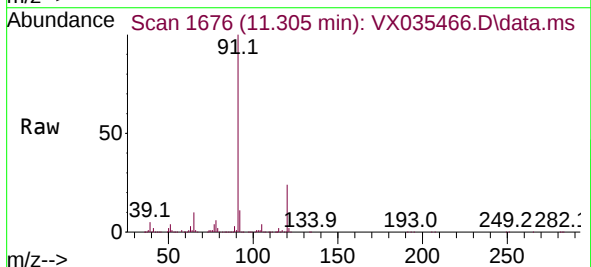
Tgt Ion:156 Resp: 166750
Ion Ratio Lower Upper
156 100
77 153.0 86.7 259.9
158 96.9 48.0 144.0

Manual Integrations
APPROVED

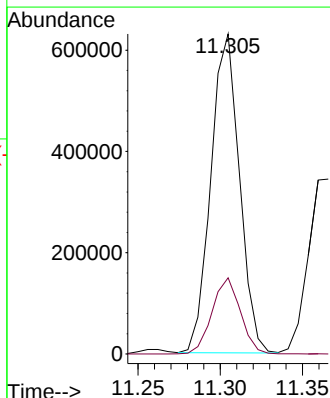
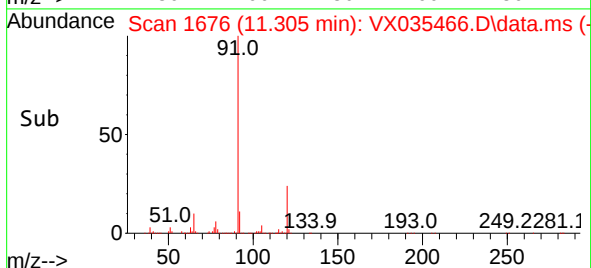
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

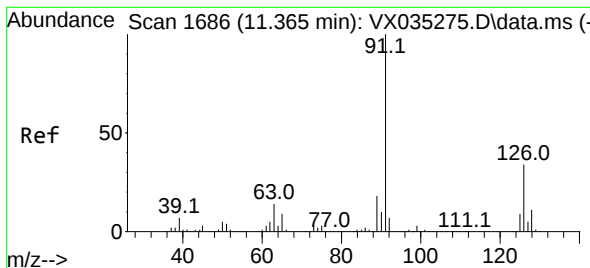


#78
n-propylbenzene
Concen: 51.649 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



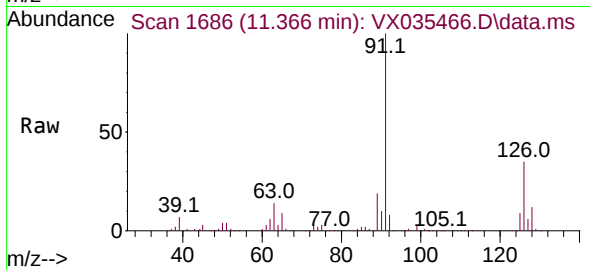
Tgt Ion: 91 Resp: 762250
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5





#79
2-Chlorotoluene
Concen: 49.683 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

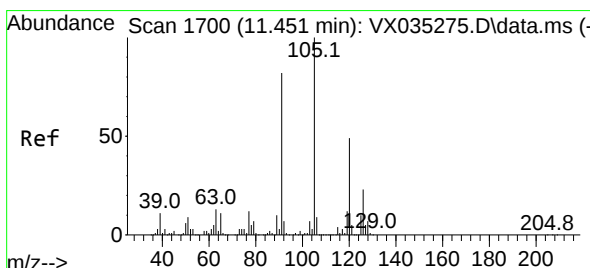
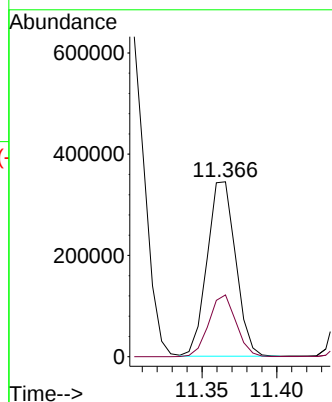
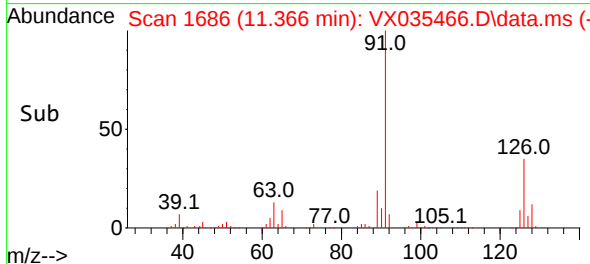
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



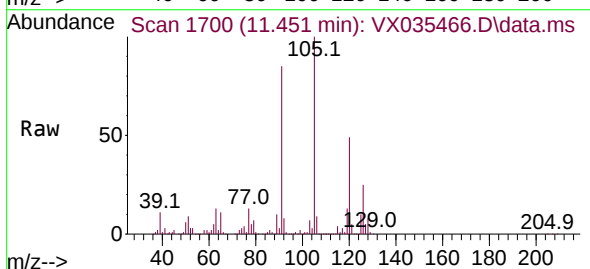
Tgt Ion: 91 Resp: 458179
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.9

Manual Integrations
APPROVED

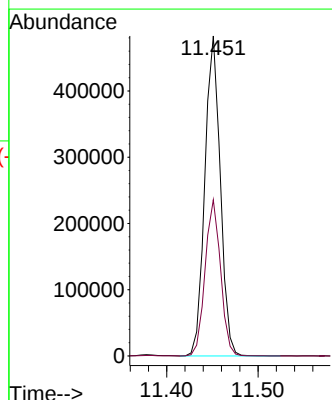
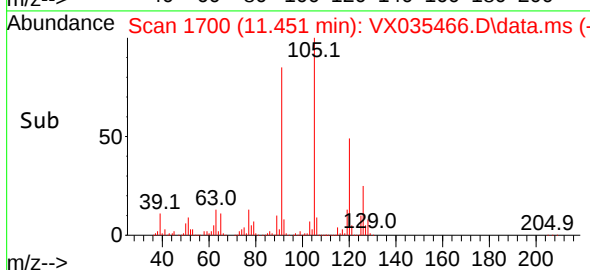
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.163 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



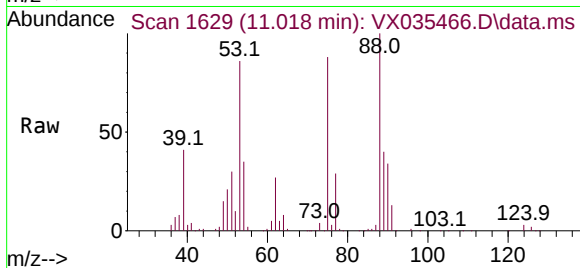
Tgt Ion:105 Resp: 565194
Ion Ratio Lower Upper
105 100
120 48.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.879 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

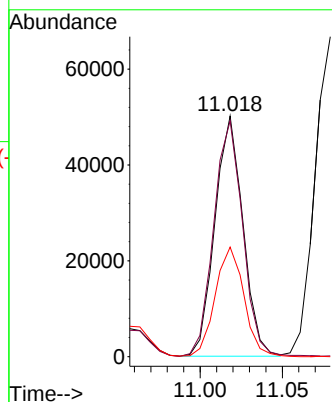
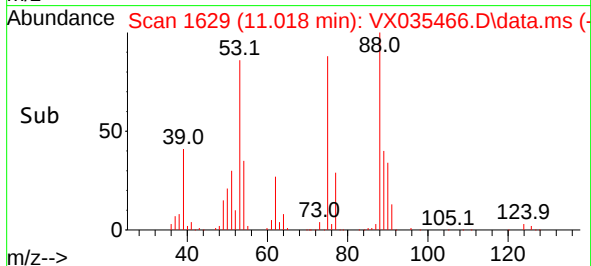
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 5941
Ion Ratio Lower Upper
75 100
53 101.2 82.6 124.0
89 46.8 36.9 55.3

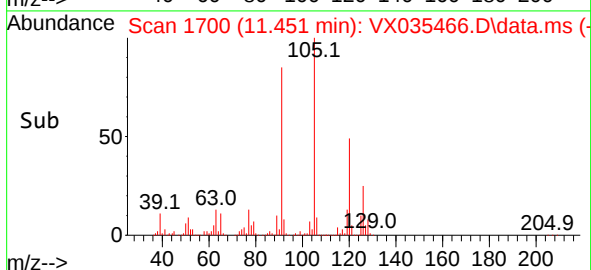
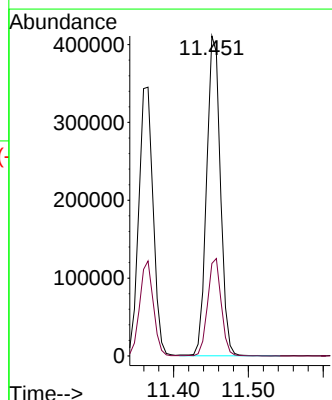
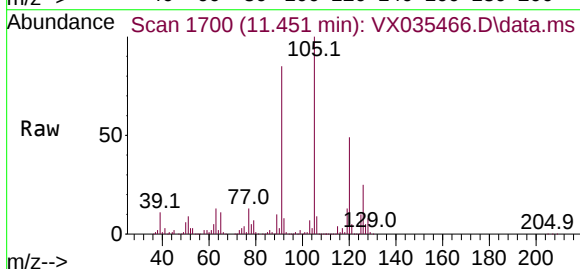
Manual Integrations
APPROVED

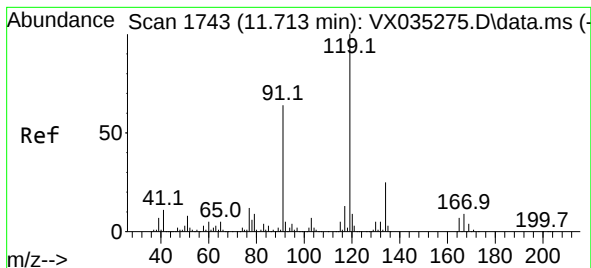
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#82
4-Chlorotoluene
Concen: 50.739 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

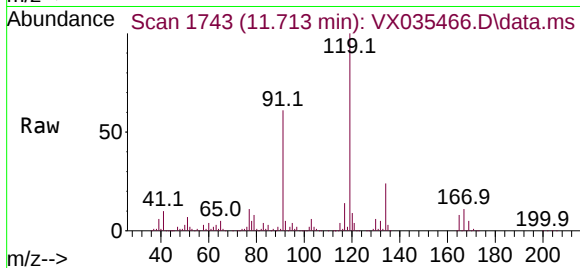
Tgt Ion: 91 Resp: 525544
Ion Ratio Lower Upper
91 100
126 30.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.164 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

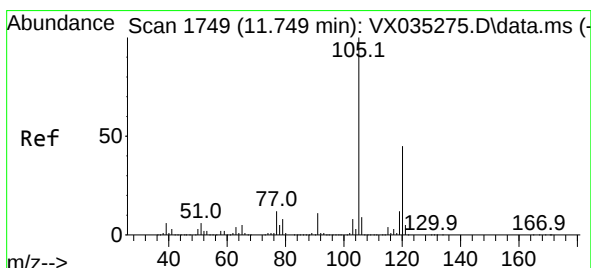
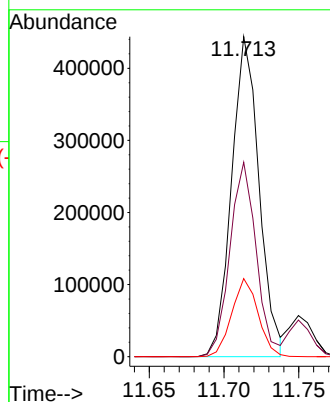
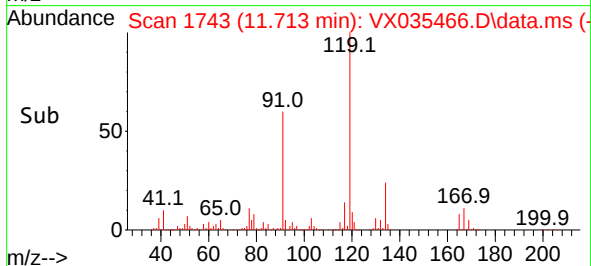
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



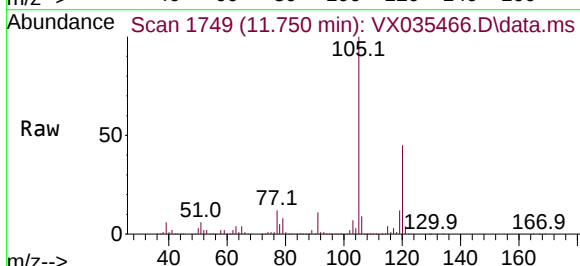
Tgt Ion:119 Resp: 567109
Ion Ratio Lower Upper
119 100
91 58.3 30.6 92.0
134 23.5 11.8 35.4

Manual Integrations
APPROVED

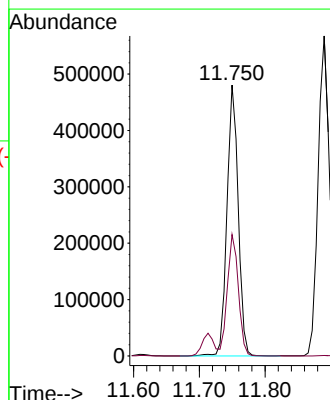
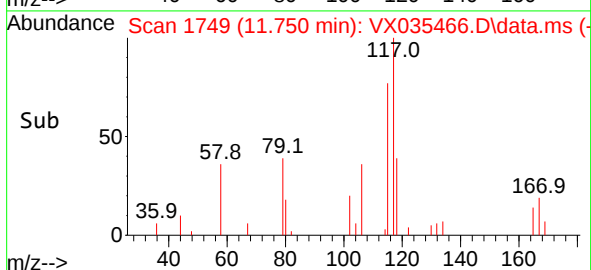
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

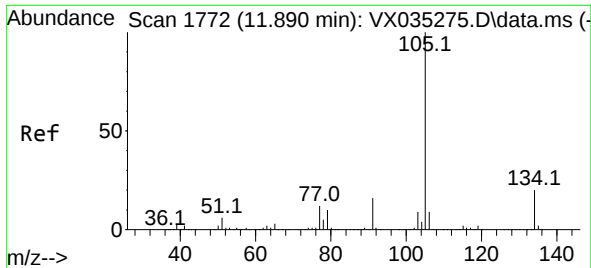


#84
1,2,4-Trimethylbenzene
Concen: 52.399 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



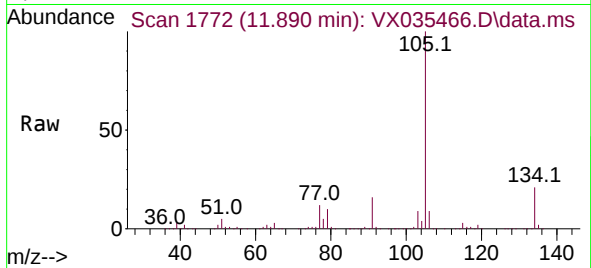
Tgt Ion:105 Resp: 570466
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 51.386 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035466.D
 Acq: 02 May 2023 09:51

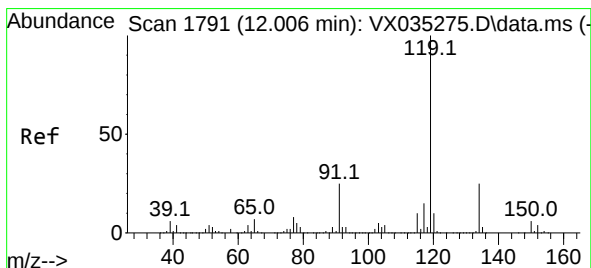
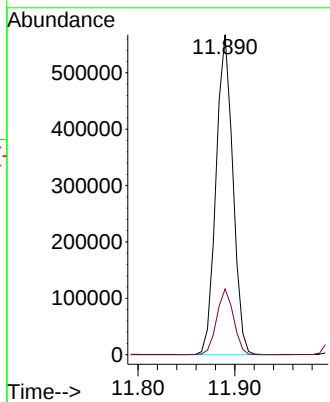
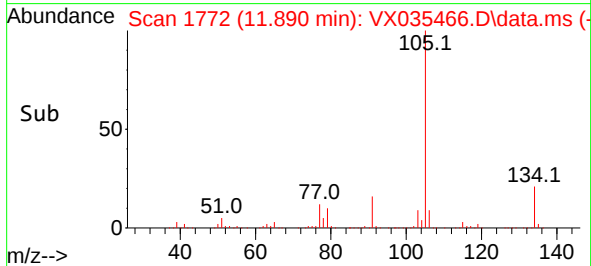
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



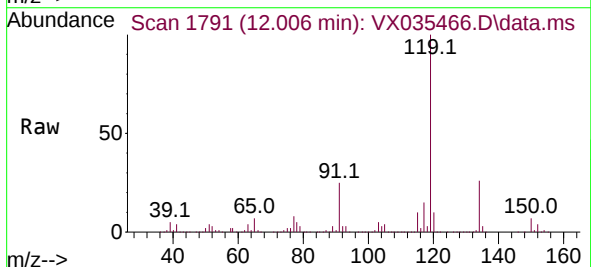
Tgt Ion:105 Resp: 68524
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations
 APPROVED

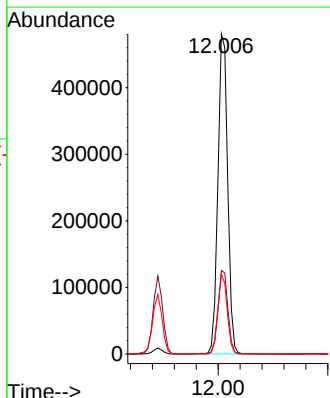
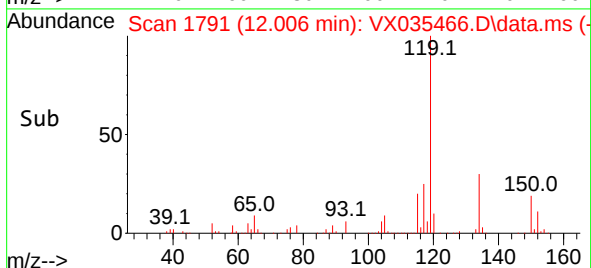
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023

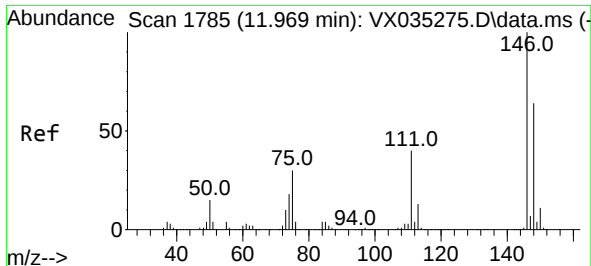


#86
 p-Isopropyltoluene
 Concen: 52.280 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035466.D
 Acq: 02 May 2023 09:51



Tgt Ion:119 Resp: 592940
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.5
 91 24.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 51.690 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035466.D

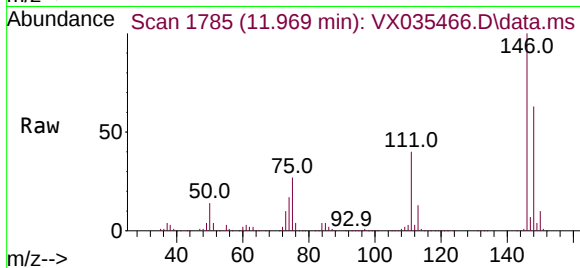
Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 31377

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

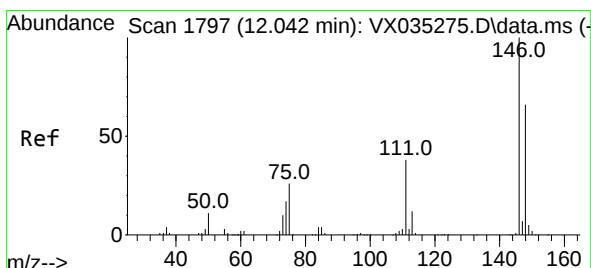
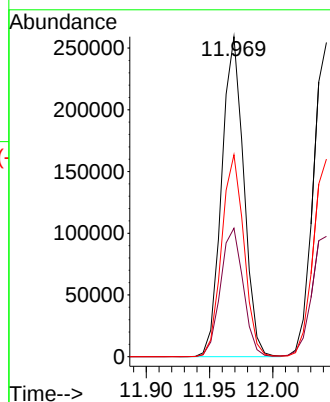
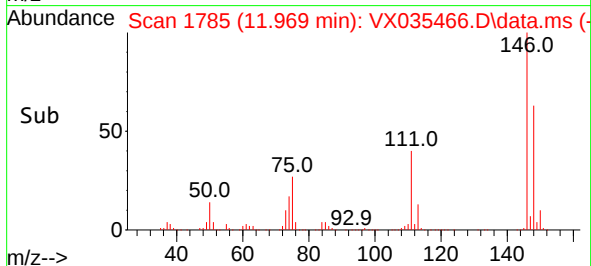
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#88

1,4-Dichlorobenzene

Concen: 49.334 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

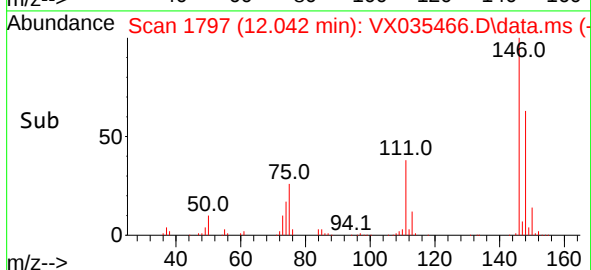
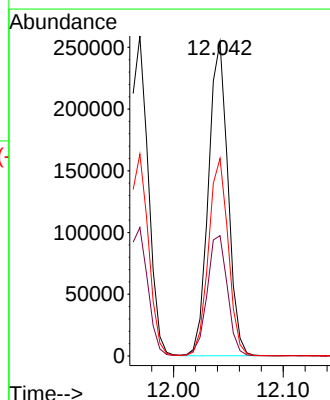
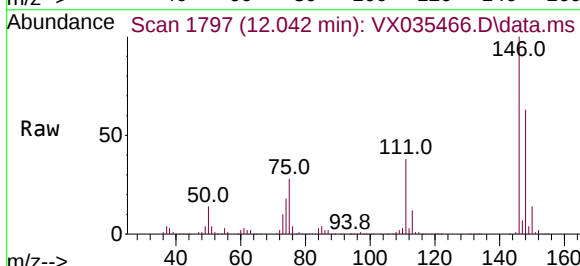
Tgt Ion:146 Resp: 313993

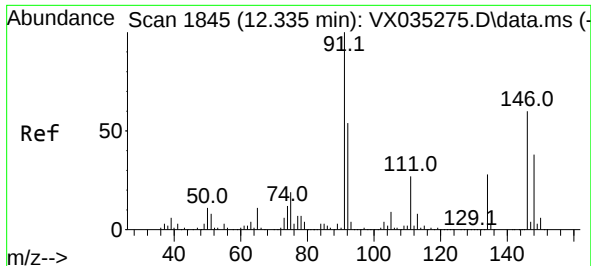
Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.9

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 52.550 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 503130

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.0

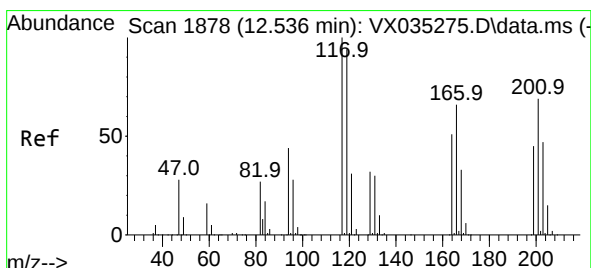
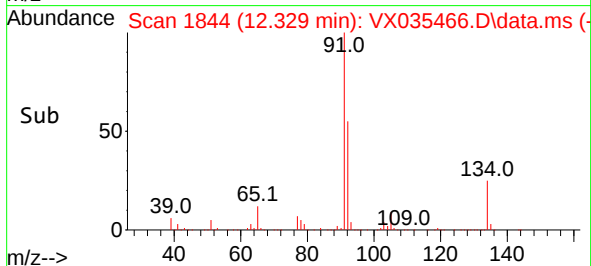
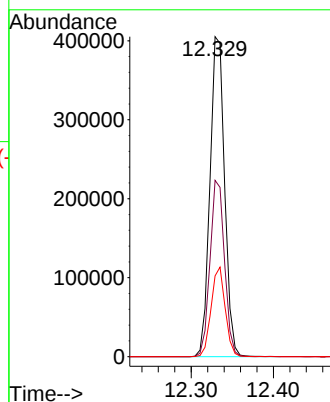
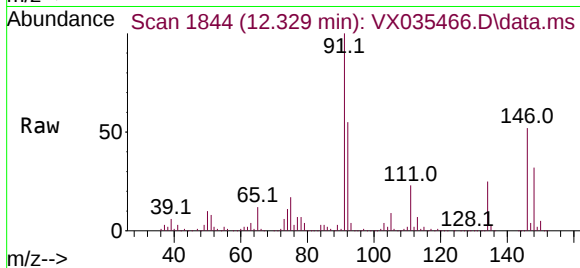
134 26.8 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#90

Hexachloroethane

Concen: 56.907 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035466.D

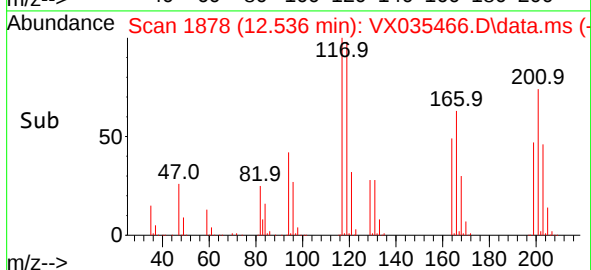
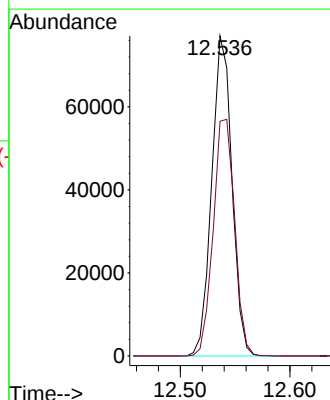
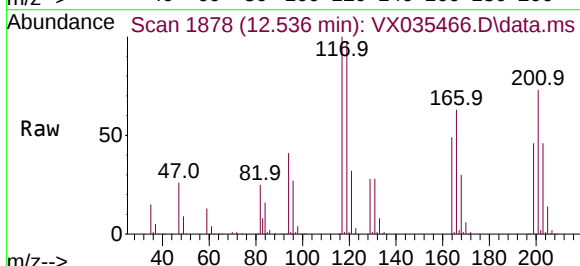
Acq: 02 May 2023 09:51

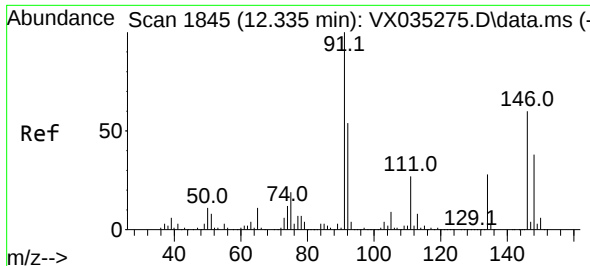
Tgt Ion:117 Resp: 98800

Ion Ratio Lower Upper

117 100

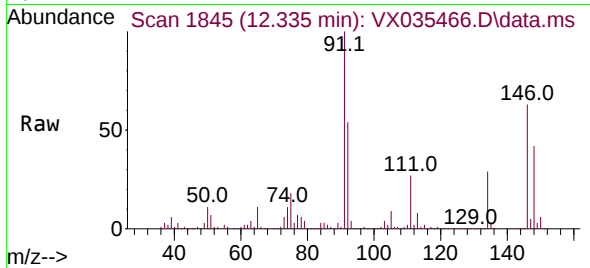
201 78.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 50.413 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

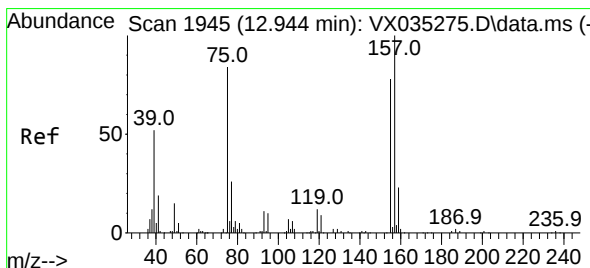
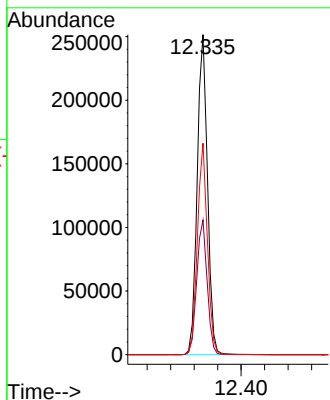
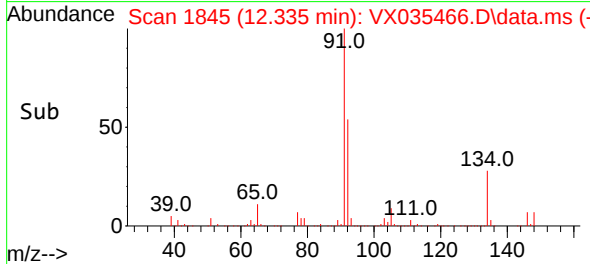
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



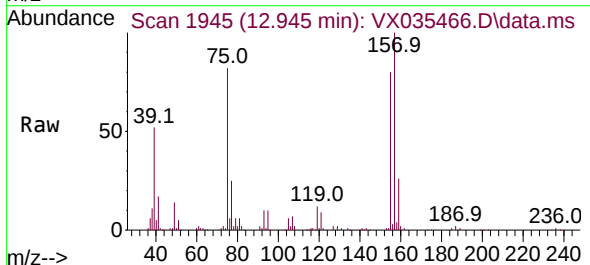
Tgt Ion:146 Resp: 306078
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.5 32.0 96.0

Manual Integrations
APPROVED

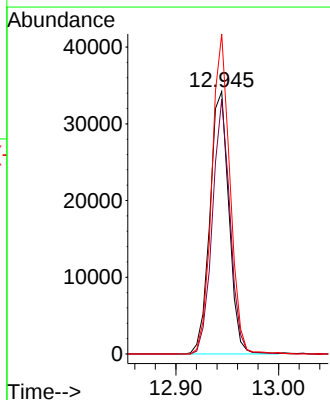
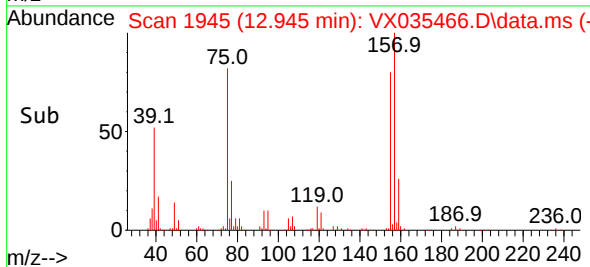
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

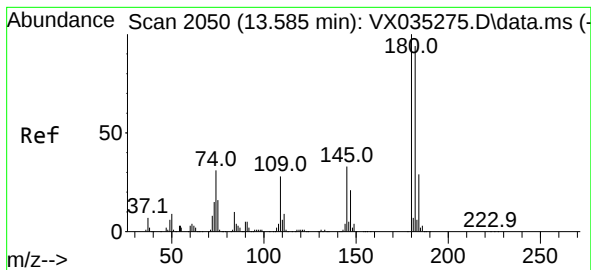


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.942 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



Tgt Ion: 75 Resp: 43941
Ion Ratio Lower Upper
75 100
155 90.1 38.4 115.1
157 116.6 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 53.880 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

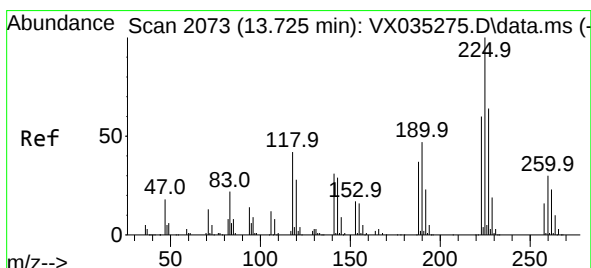
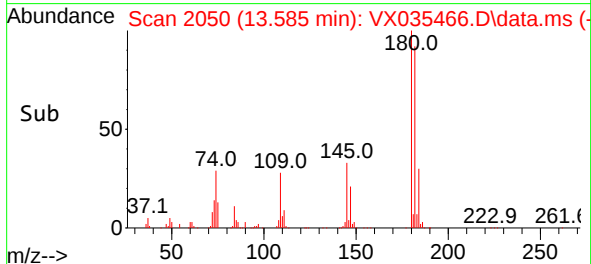
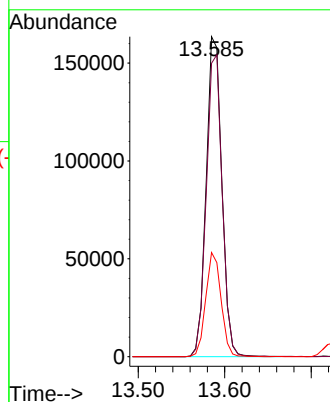
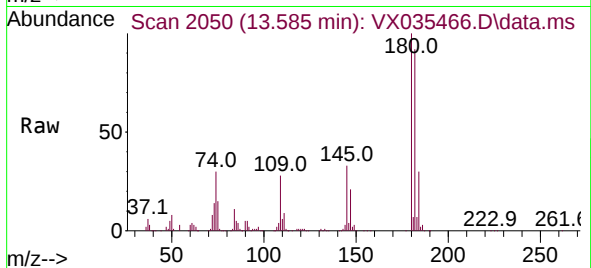
Tgt Ion:180	Resp: 205624
Ion Ratio	Lower Upper
180 100	
182 95.4	47.0 141.0
145 31.9	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/03/2023



#94

Hexachlorobutadiene

Concen: 51.942 ug/l

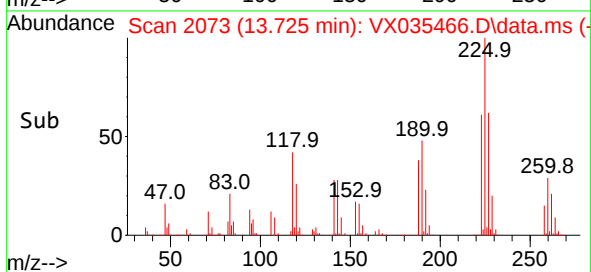
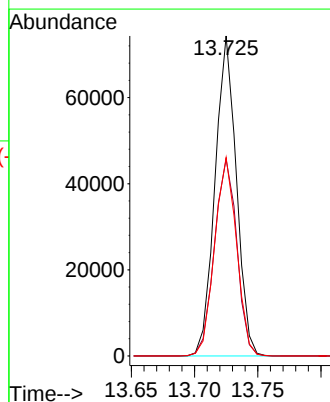
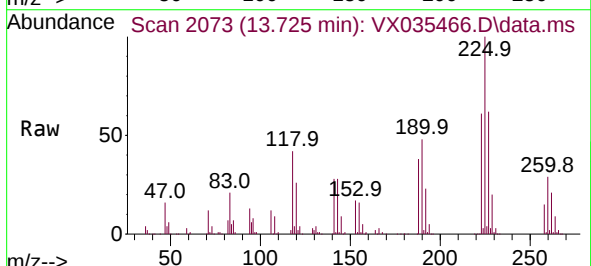
RT: 13.725 min Scan# 2073

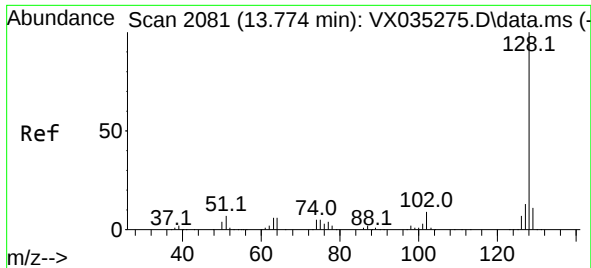
Delta R.T. -0.000 min

Lab File: VX035466.D

Acq: 02 May 2023 09:51

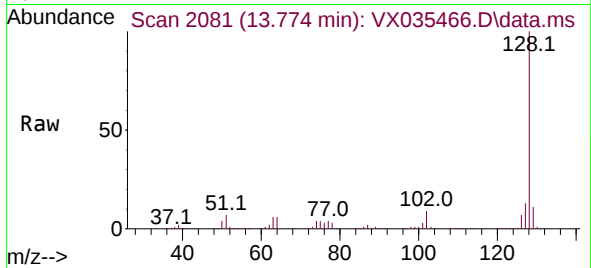
Tgt Ion:225	Resp: 86997
Ion Ratio	Lower Upper
225 100	
223 64.5	32.1 96.5
227 63.8	31.8 95.4





#95
Naphthalene
Concen: 55.295 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51

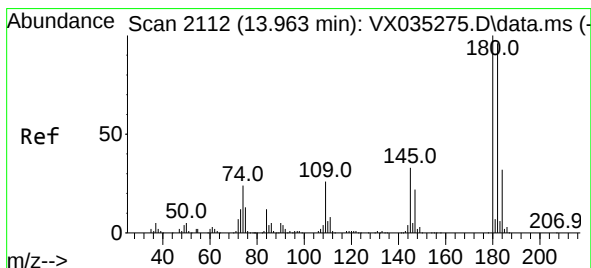
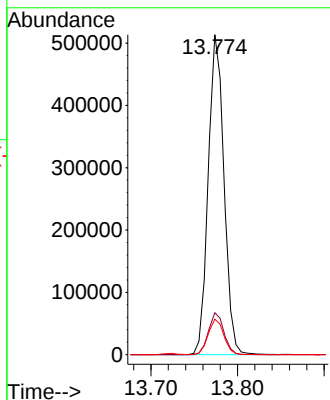
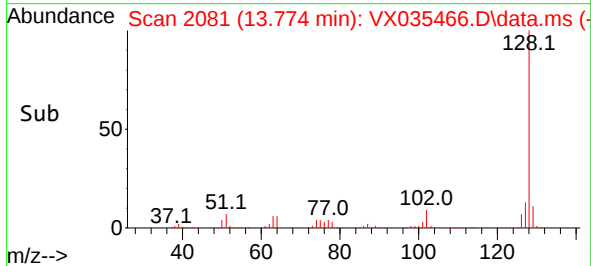
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



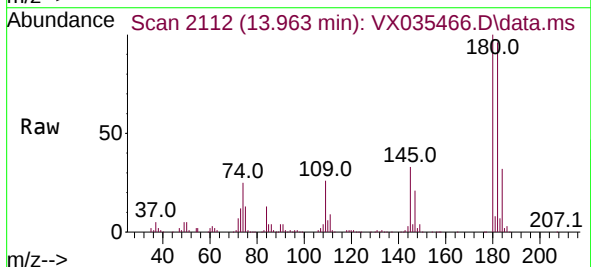
Tgt Ion:128 Resp: 649639
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.552 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035466.D
Acq: 02 May 2023 09:51



Tgt Ion:180 Resp: 198049
Ion Ratio Lower Upper
180 100
182 96.7 48.0 144.2
145 34.2 17.7 53.1

