

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046228.D
 Acq On : 16 May 2025 09:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 16 22:58:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	94540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	157316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84658	48.032	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.060%		
35) Dibromofluoromethane	5.373	113	59828	52.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.620%		
50) Toluene-d8	8.641	98	200757	51.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.400%		
62) 4-Bromofluorobenzene	11.079	95	76464	50.840	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	72708	50.247	ug/l	99
3) Chloromethane	1.307	50	67192	47.884	ug/l	100
4) Vinyl Chloride	1.374	62	61036	46.736	ug/l	98
5) Bromomethane	1.593	94	27434	45.291	ug/l	95
6) Chloroethane	1.666	64	34167	49.007	ug/l	98
7) Trichlorofluoromethane	1.874	101	97121	50.319	ug/l	98
8) Diethyl Ether	2.130	74	30948	47.102	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	59749	50.023	ug/l	98
10) Methyl Iodide	2.447	142	63487	44.920	ug/l	98
11) Tert butyl alcohol	2.971	59	57816	233.689	ug/l	99
12) 1,1-Dichloroethene	2.307	96	53013	47.290	ug/l	97
13) Acrolein	2.233	56	83413	296.047	ug/l	98
14) Allyl chloride	2.654	41	106749	49.825	ug/l	98
15) Acrylonitrile	3.063	53	175642	248.278	ug/l	97
16) Acetone	2.380	43	180437	255.326	ug/l	99
17) Carbon Disulfide	2.502	76	117391	44.170	ug/l	99
18) Methyl Acetate	2.703	43	89072	54.316	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	190917	48.577	ug/l	99
20) Methylene Chloride	2.782	84	61607	45.492	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	53981	47.883	ug/l	99
22) Diisopropyl ether	3.758	45	206352	49.862	ug/l	92
23) Vinyl Acetate	3.715	43	901560	247.687	ug/l	100
24) 1,1-Dichloroethane	3.599	63	111905	48.548	ug/l	99
25) 2-Butanone	4.550	43	257659	251.138	ug/l	99
26) 2,2-Dichloropropane	4.465	77	89785	49.765	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	64624	47.618	ug/l	98
28) Bromochloromethane	4.885	49	56389	50.823	ug/l	97
29) Tetrahydrofuran	4.995	42	154815	240.809	ug/l	99
30) Chloroform	5.080	83	118538	49.338	ug/l	97
31) Cyclohexane	5.452	56	97796	46.559	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	101438	48.706	ug/l	100
36) 1,1-Dichloropropene	5.684	75	74185	48.739	ug/l	100
37) Ethyl Acetate	4.709	43	89562	47.626	ug/l	100
38) Carbon Tetrachloride	5.666	117	87289	51.040	ug/l	99
39) Methylcyclohexane	7.373	83	95724	48.850	ug/l	98
40) Benzene	6.025	78	222999	50.018	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	53940	54.832	ug/l	99
42) 1,2-Dichloroethane	6.074	62	96614	50.211	ug/l	99
43) Isopropyl Acetate	6.330	43	146639	51.114	ug/l	100
44) Trichloroethene	7.117	130	53597	49.949	ug/l	97
45) 1,2-Dichloropropane	7.422	63	58734	52.981	ug/l	100
46) Dibromomethane	7.574	93	44285	50.649	ug/l	98
47) Bromodichloromethane	7.812	83	91074	52.885	ug/l	100
48) Methyl methacrylate	7.690	41	77288	52.751	ug/l	99
49) 1,4-Dioxane	7.659	88	27536	989.815	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	494732	259.795	ug/l	99
52) Toluene	8.714	92	135948	49.729	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	81342	53.141	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	89779	53.067	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	55594	51.574	ug/l	98
56) Ethyl methacrylate	9.110	69	89568	52.135	ug/l	99
57) 1,3-Dichloropropane	9.305	76	96981	50.096	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	225847	257.856	ug/l	99
59) 2-Hexanone	9.427	43	368232	261.365	ug/l	100
60) Dibromochloromethane	9.519	129	63223	53.406	ug/l	99
61) 1,2-Dibromoethane	9.604	107	57219	51.072	ug/l	98
64) Tetrachloroethene	9.269	164	50960	52.644	ug/l	96
65) Chlorobenzene	10.073	112	147965	49.413	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	52401	51.247	ug/l	99
67) Ethyl Benzene	10.189	91	268462	50.860	ug/l	99
68) m/p-Xylenes	10.299	106	196020	101.535	ug/l	98
69) o-Xylene	10.640	106	95561	50.773	ug/l	96
70) Styrene	10.653	104	163876	53.153	ug/l	100
71) Bromoform	10.799	173	40561	52.835	ug/l #	96
73) Isopropylbenzene	10.957	105	260802	51.040	ug/l	99
74) N-amyl acetate	10.842	43	127992	50.690	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	85085	47.516	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	77417m	49.003	ug/l	
77) Bromobenzene	11.195	156	58378	49.210	ug/l	99
78) n-propylbenzene	11.299	91	304551	51.259	ug/l	100
79) 2-Chlorotoluene	11.360	91	186494	48.665	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	219647	51.453	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24485	50.458	ug/l	99
82) 4-Chlorotoluene	11.451	91	217774	51.243	ug/l	99
83) tert-Butylbenzene	11.713	119	215261	50.061	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	222505	51.470	ug/l	99
85) sec-Butylbenzene	11.890	105	273582	51.818	ug/l	100
86) p-Isopropyltoluene	12.006	119	228062	52.332	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	109022	50.355	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	109800	49.659	ug/l	99
89) n-Butylbenzene	12.329	91	203342	53.194	ug/l	100
90) Hexachloroethane	12.536	117	39615	51.597	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	109405	50.357	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19788	49.883	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	63089	50.558	ug/l	98
94) Hexachlorobutadiene	13.719	225	27652	50.738	ug/l	98
95) Naphthalene	13.774	128	221283	48.350	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63364	49.212	ug/l	100

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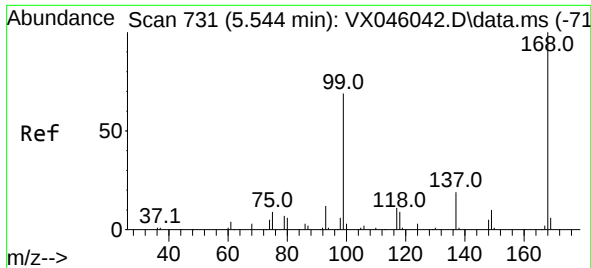
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

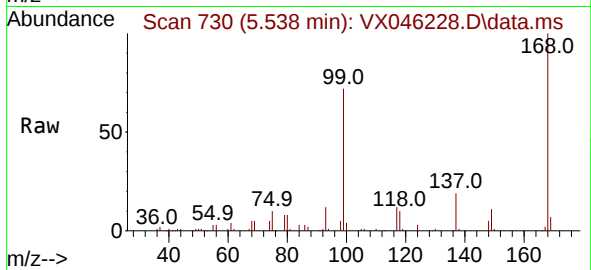
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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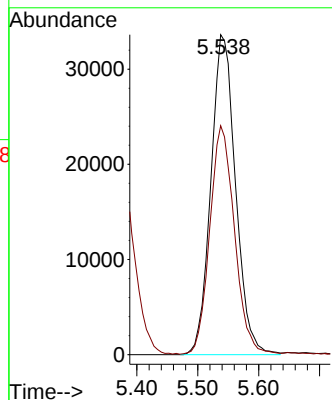
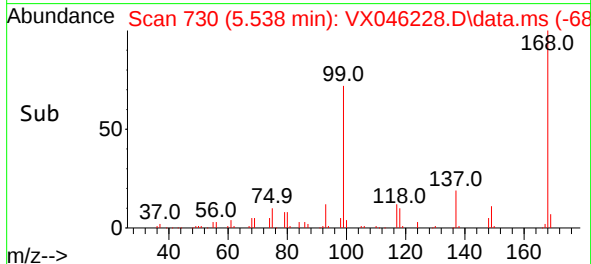
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 94540
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3

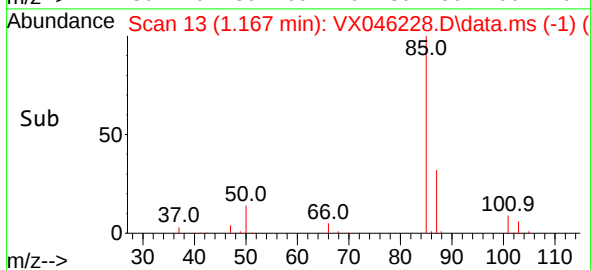
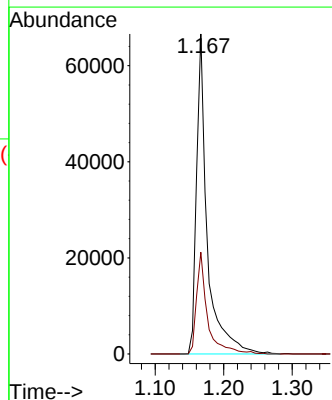
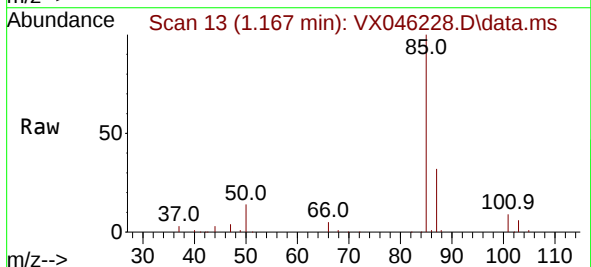
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#2
Dichlorodifluoromethane
Concen: 50.247 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Tgt Ion: 85 Resp: 72708
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





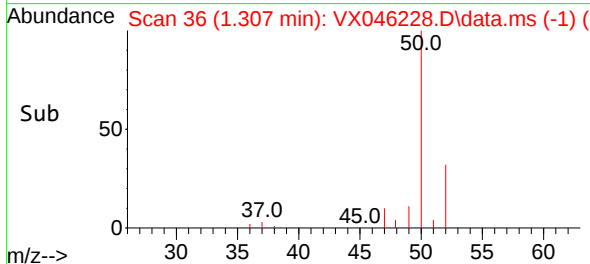
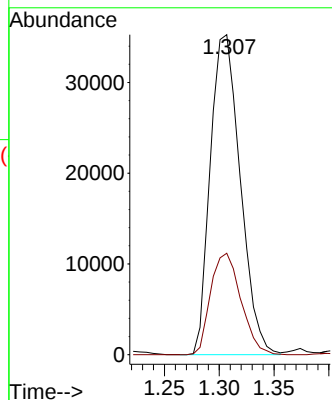
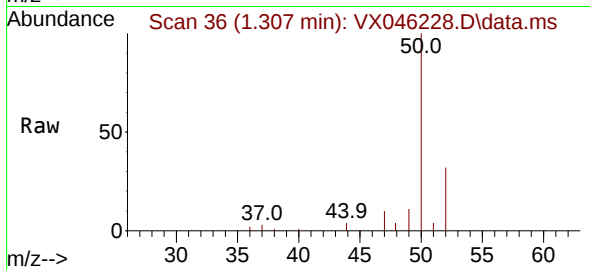
#3
Chloromethane
Concen: 47.884 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 67192
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2

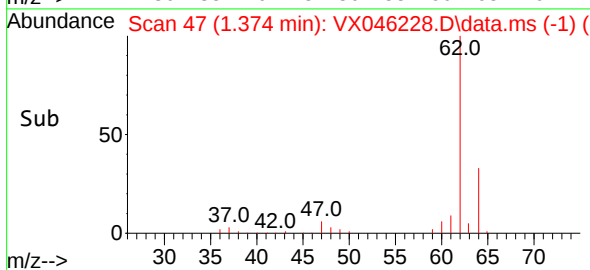
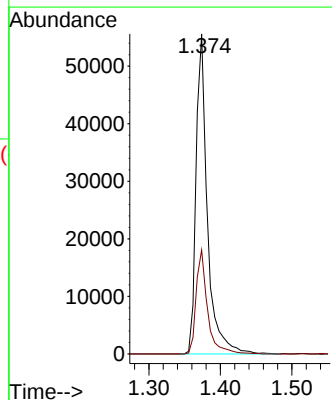
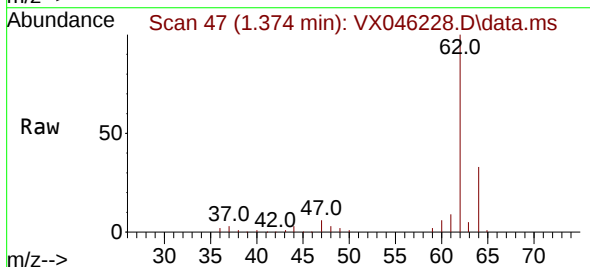
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#4
Vinyl Chloride
Concen: 46.736 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

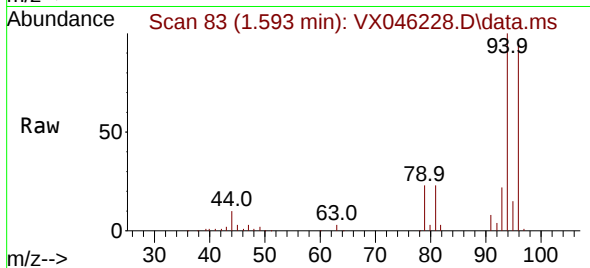
Tgt Ion: 62 Resp: 61036
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5
Bromomethane
Concen: 45.291 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

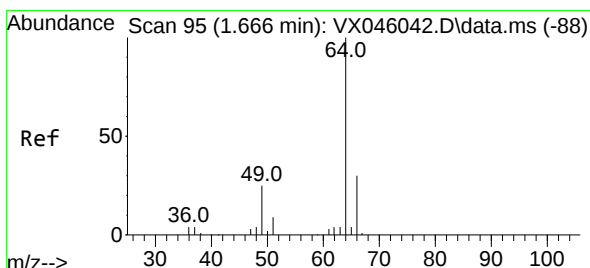
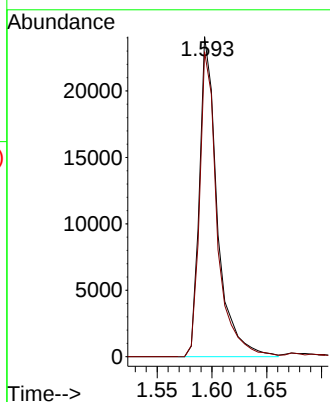
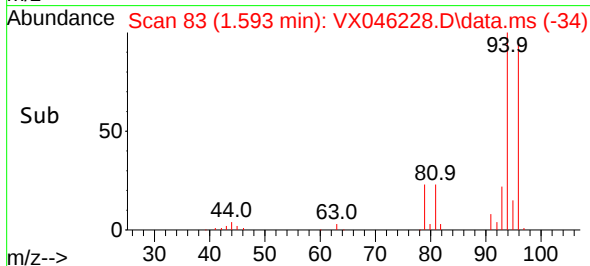
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 27434
Ion Ratio Lower Upper
94 100
96 95.3 72.8 109.2

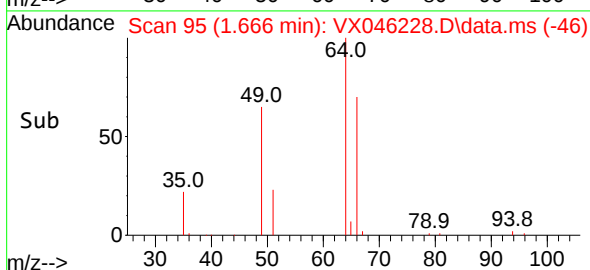
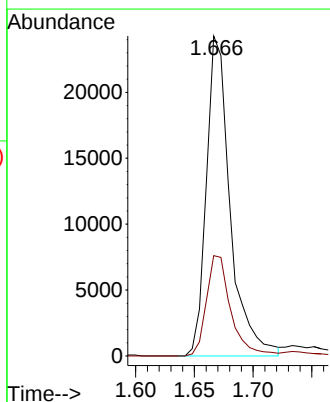
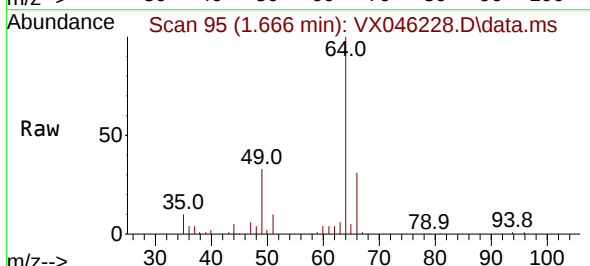
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#6
Chloroethane
Concen: 49.007 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046228.D
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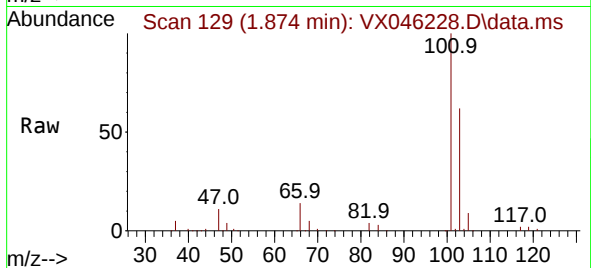
Tgt Ion: 64 Resp: 34167
Ion Ratio Lower Upper
64 100
66 31.3 24.3 36.5





#7
Trichlorofluoromethane
Concen: 50.319 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046228.D
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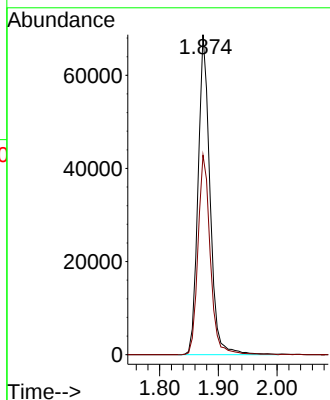
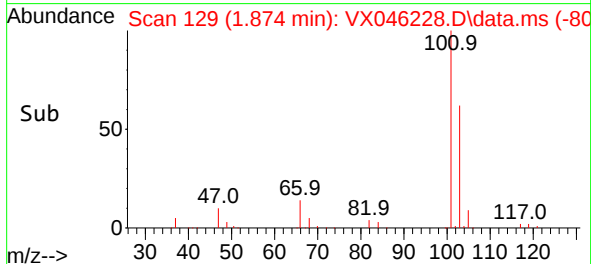
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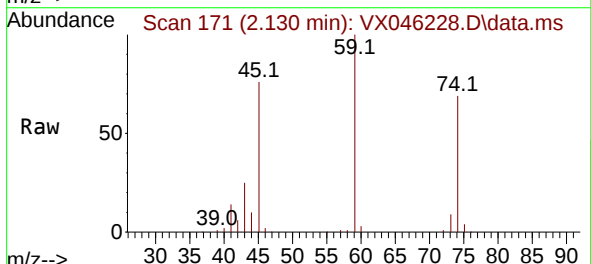
Tgt Ion:101 Resp: 9712
Ion Ratio Lower Upper
101 100
103 62.3 51.0 76.4

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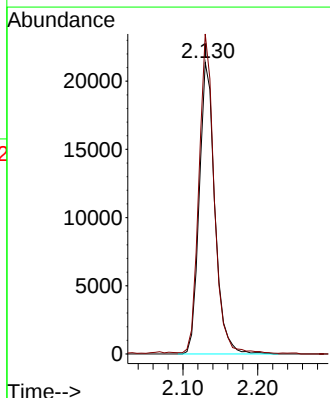
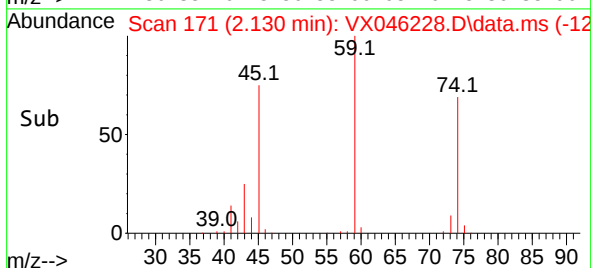
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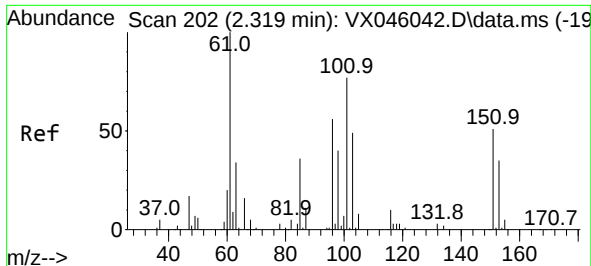


#8
Diethyl Ether
Concen: 47.102 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



Tgt Ion: 74 Resp: 30948
Ion Ratio Lower Upper
74 100
45 106.9 54.9 164.8





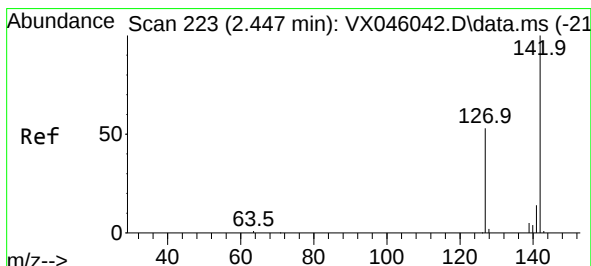
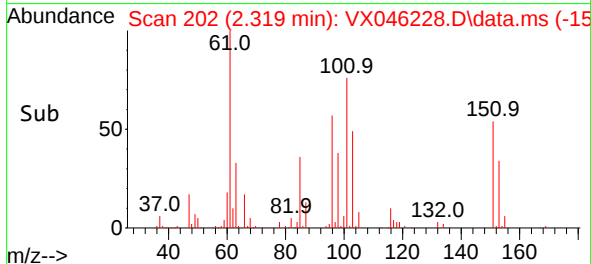
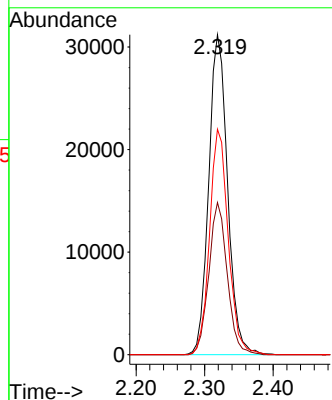
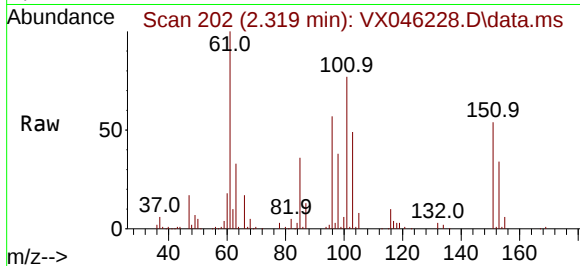
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.023 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046228.D
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Tgt Ion:101 Resp: 59749
Ion Ratio Lower Upper
101 100
85 46.6 38.6 58.0
151 69.7 55.2 82.8

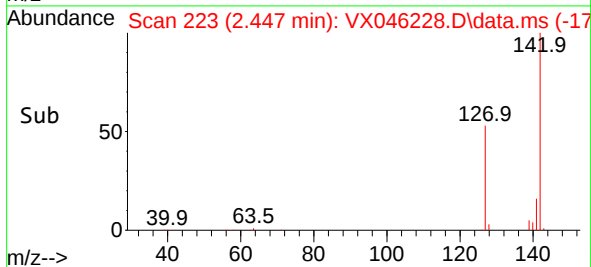
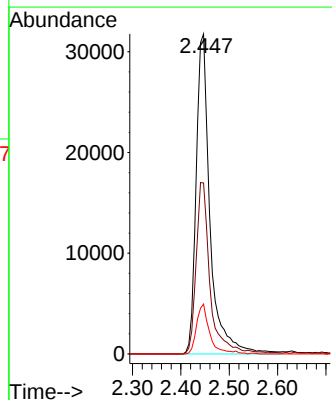
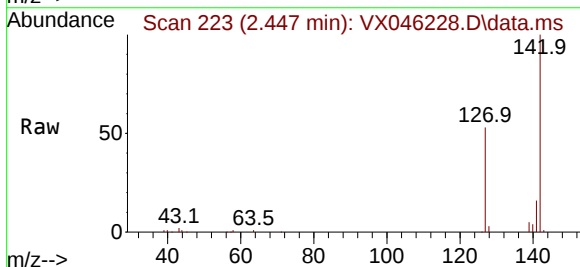
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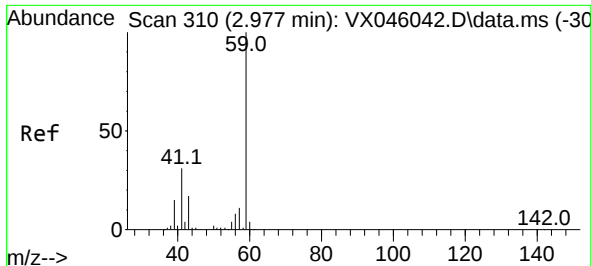
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#10
Methyl Iodide
Concen: 44.920 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Tgt Ion:142 Resp: 63487
Ion Ratio Lower Upper
142 100
127 54.1 41.7 62.5
141 14.7 11.5 17.3





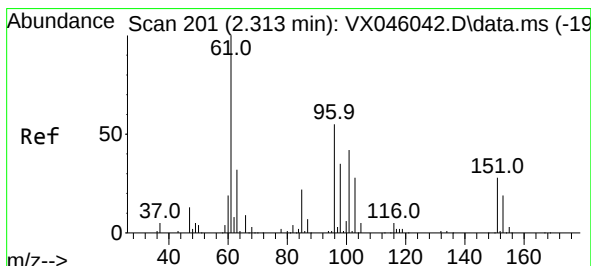
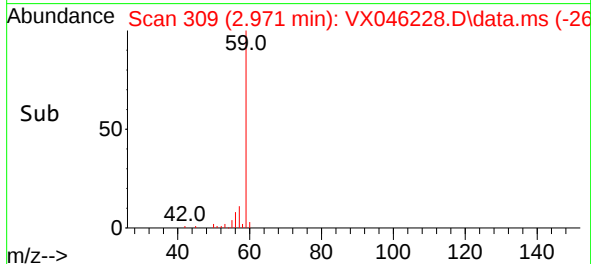
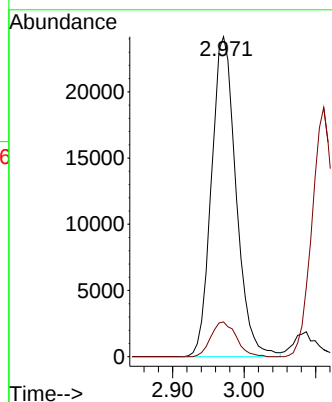
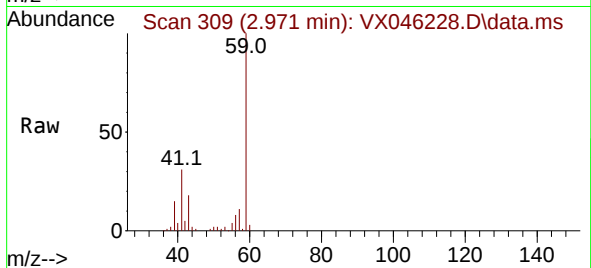
#11
Tert butyl alcohol
Concen: 233.689 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 57810
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

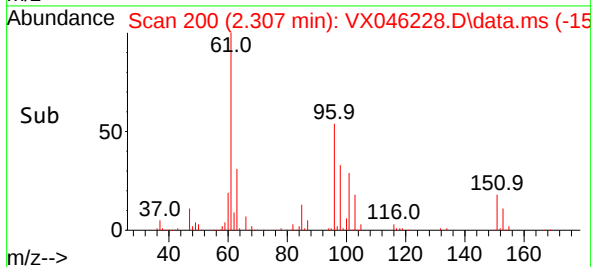
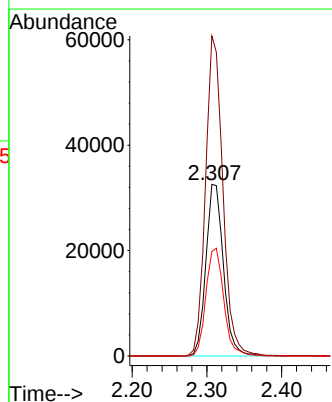
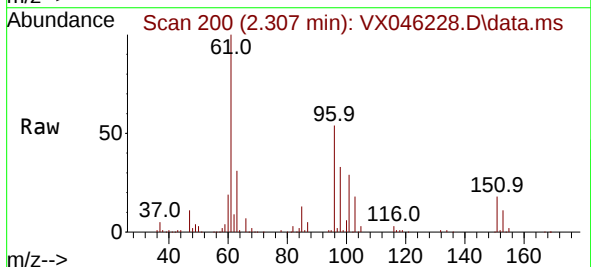
Manual Integrations
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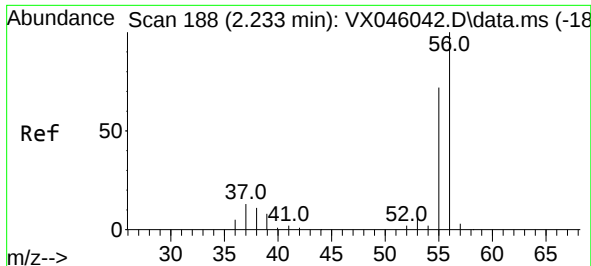
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#12
1,1-Dichloroethene
Concen: 47.290 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

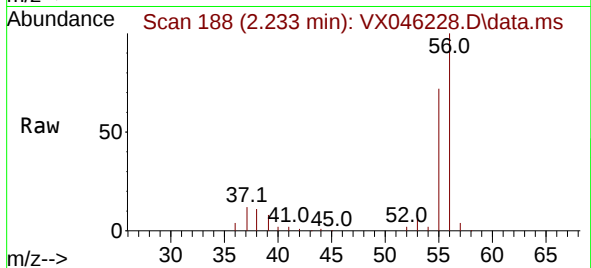
Tgt Ion: 96 Resp: 53013
Ion Ratio Lower Upper
96 100
61 186.6 146.2 219.2
98 60.9 51.0 76.6





#13
Acrolein
Concen: 296.047 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

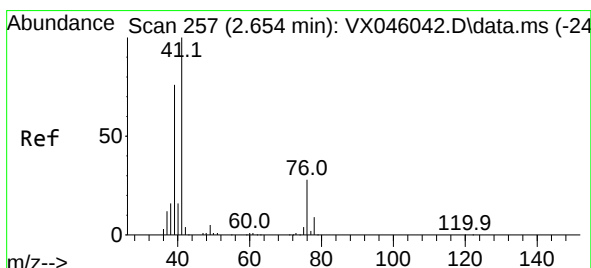
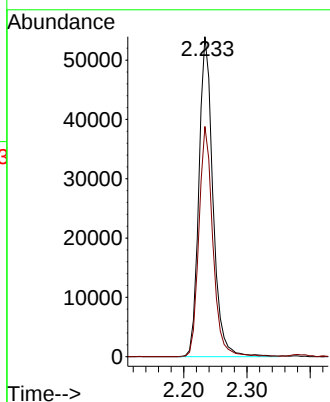
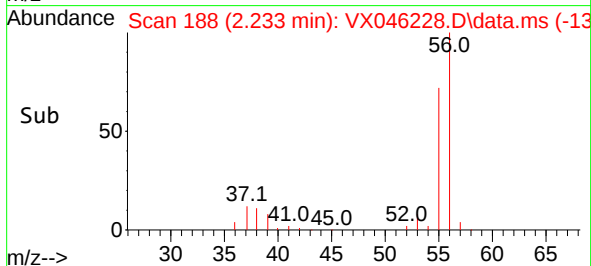
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8341
Ion Ratio Lower Upper
56 100
55 71.7 56.2 84.4

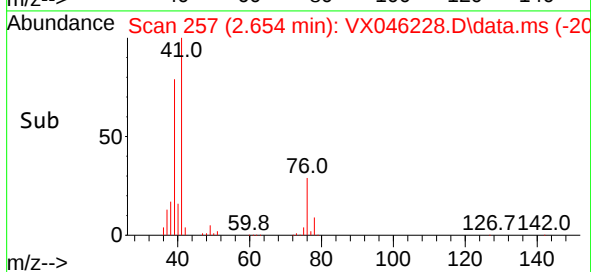
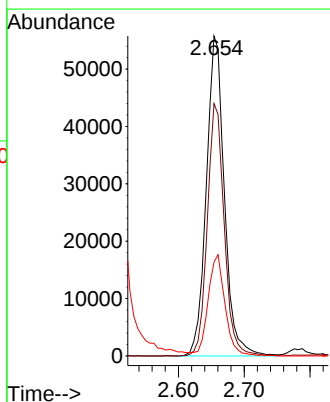
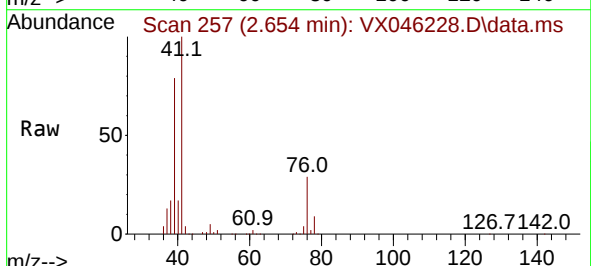
Manual Integrations
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Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#14
Allyl chloride
Concen: 49.825 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

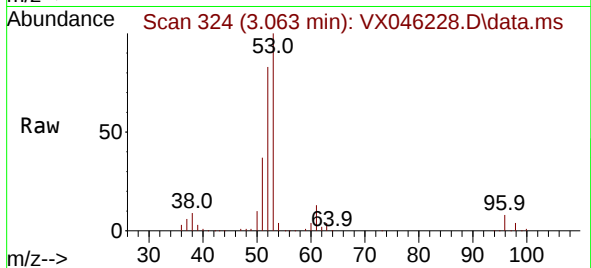
Tgt Ion: 41 Resp: 106749
Ion Ratio Lower Upper
41 100
39 73.7 60.6 90.8
76 29.7 24.9 37.3





#15
Acrylonitrile
Concen: 248.278 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

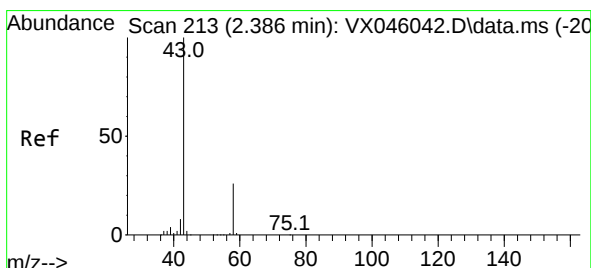
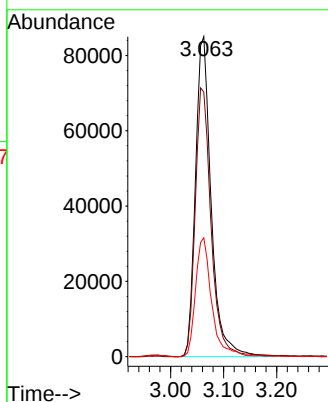
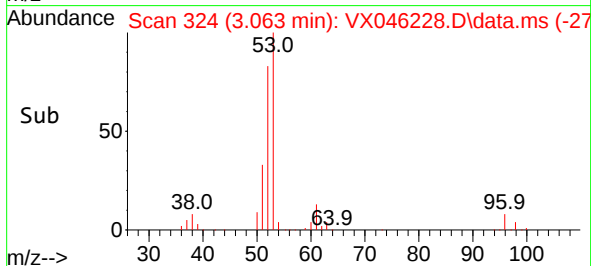
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 17564
Ion Ratio Lower Upper
53 100
52 85.0 65.3 97.9
51 38.1 29.8 44.8

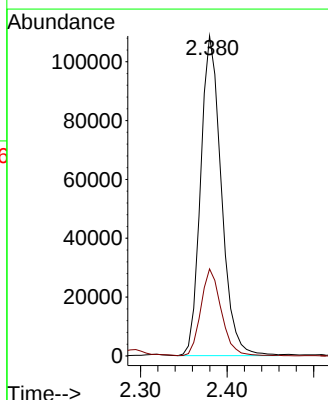
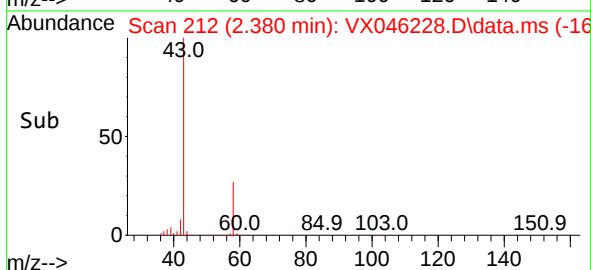
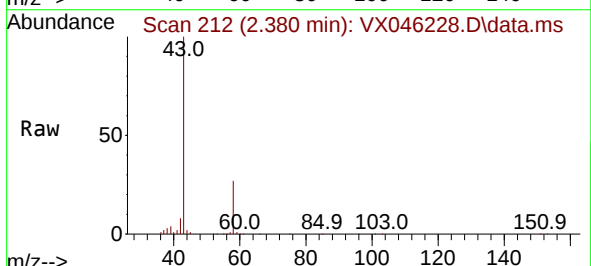
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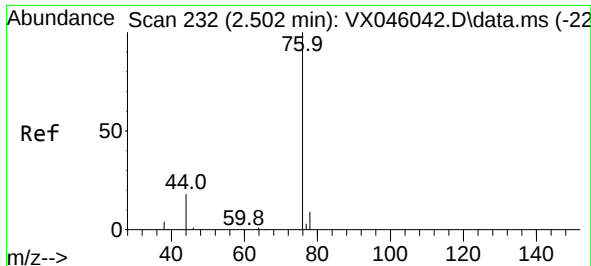
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#16
Acetone
Concen: 255.326 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

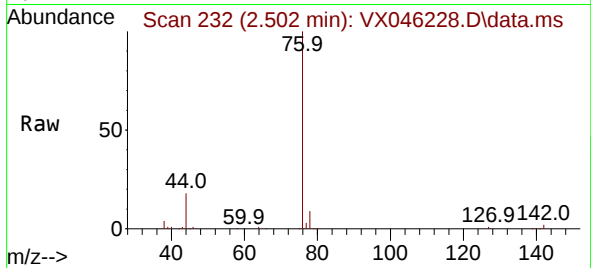
Tgt Ion: 43 Resp: 180437
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8





#17
Carbon Disulfide
Concen: 44.170 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

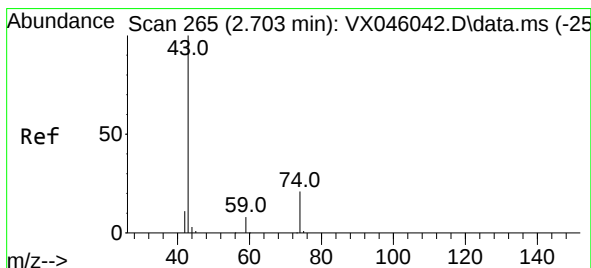
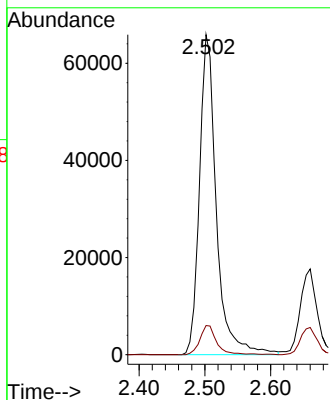
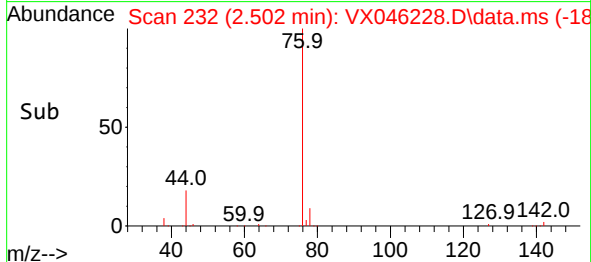
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 11739
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

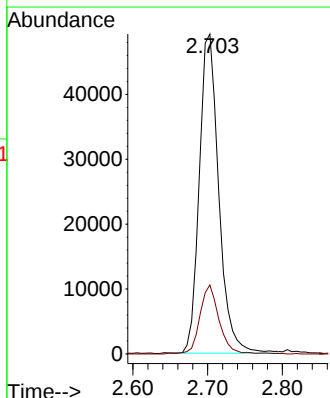
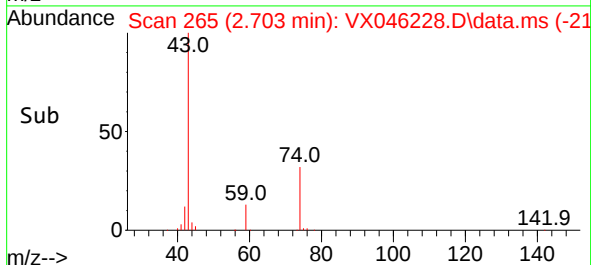
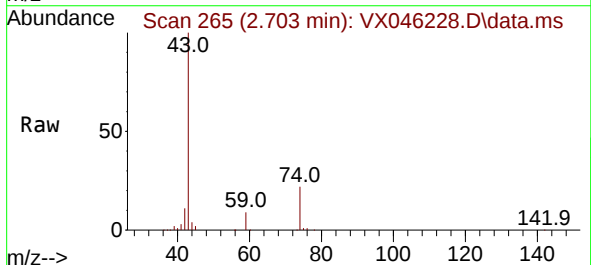
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Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#18
Methyl Acetate
Concen: 54.316 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Tgt Ion: 43 Resp: 89072
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1





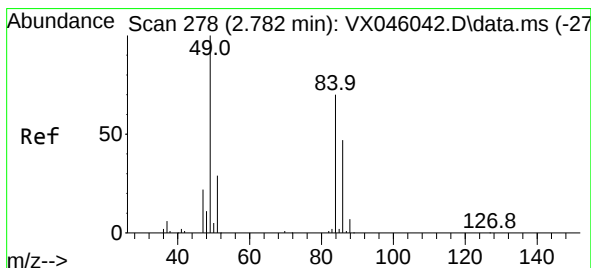
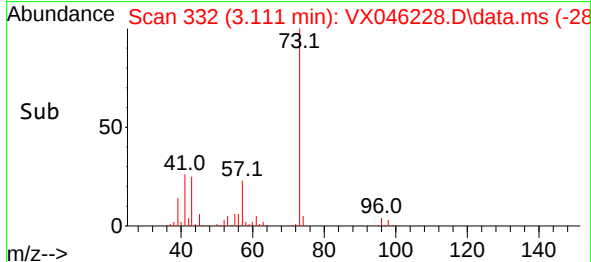
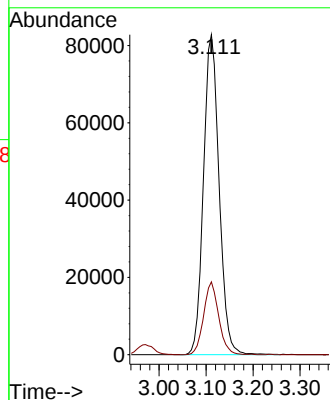
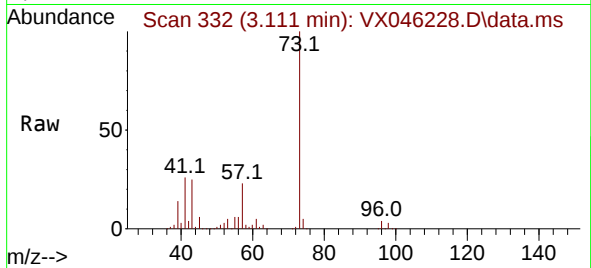
#19
Methyl tert-butyl Ether
Concen: 48.577 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 19091
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5

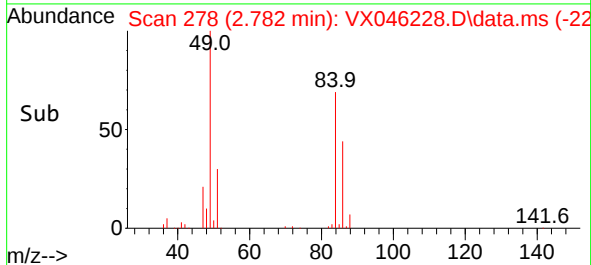
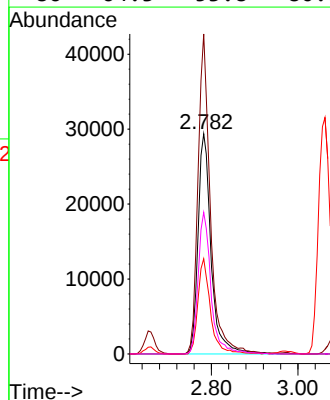
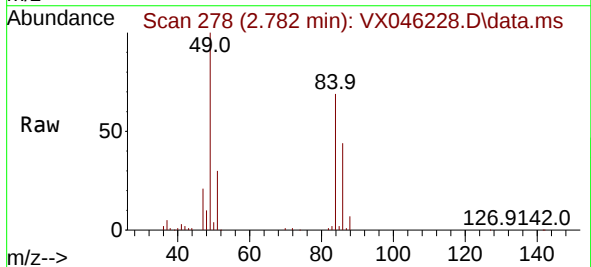
Manual Integrations
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Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#20
Methylene Chloride
Concen: 45.492 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

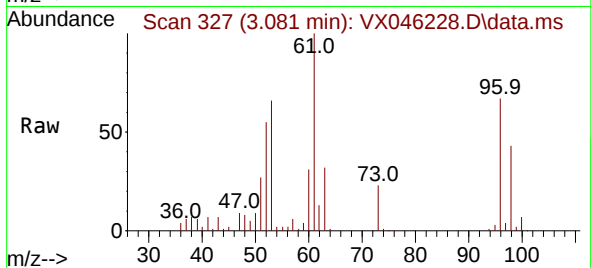
Tgt Ion: 84 Resp: 61607
Ion Ratio Lower Upper
84 100
49 145.3 113.9 170.9
51 43.2 33.5 50.3
86 64.3 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 47.883 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

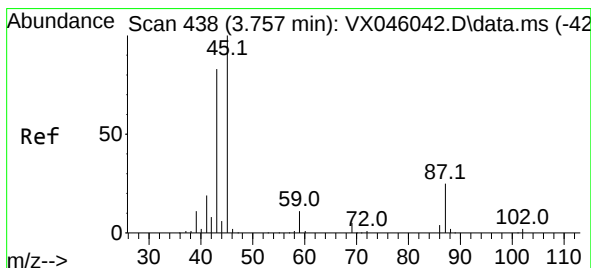
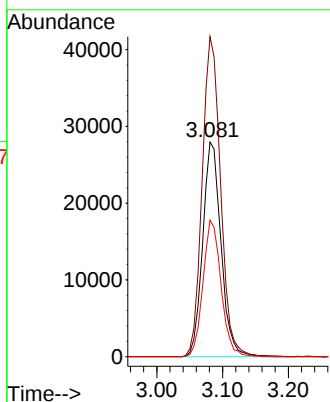
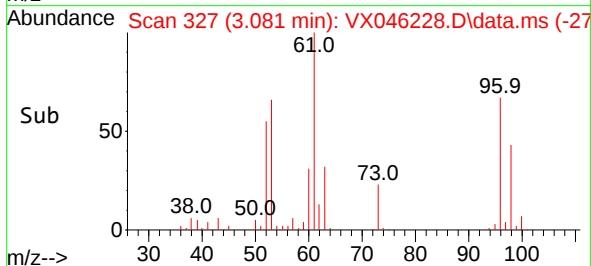
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5398
Ion Ratio Lower Upper
96 100
61 149.1 119.5 179.3
98 63.6 50.0 75.0

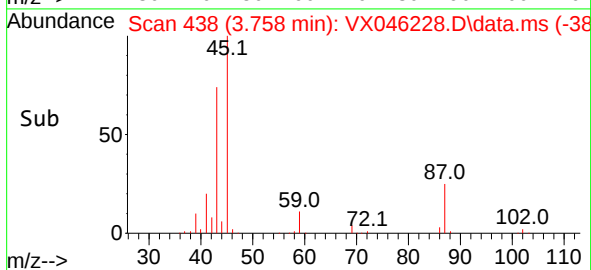
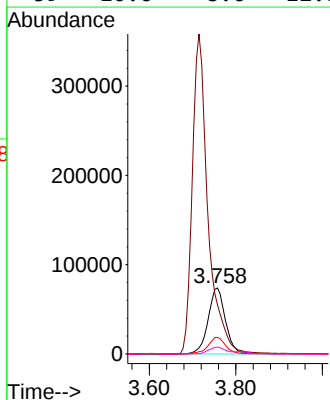
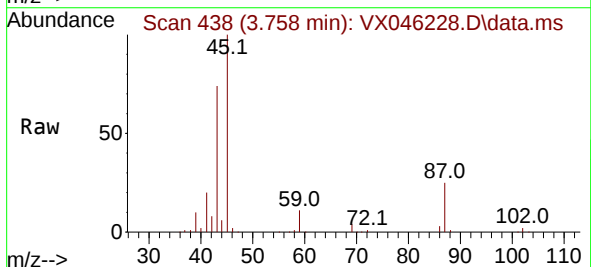
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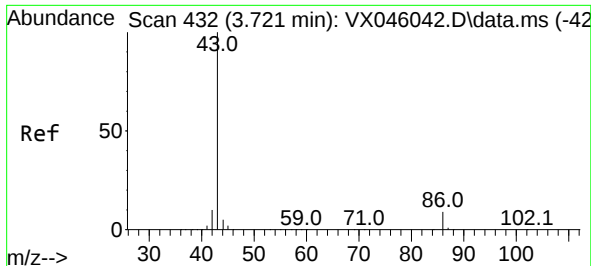
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#22
Diisopropyl ether
Concen: 49.862 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

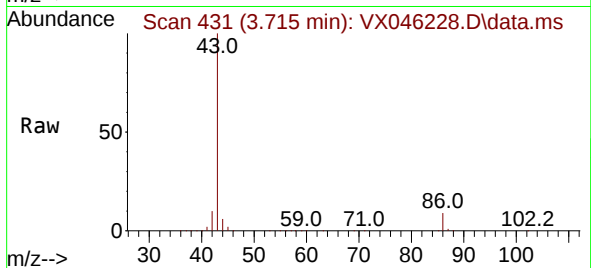
Tgt Ion: 45 Resp: 206352
Ion Ratio Lower Upper
45 100
43 73.8 66.6 100.0
87 24.9 19.8 29.6
59 10.6 8.6 12.8





#23
 Vinyl Acetate
 Concen: 247.687 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046228.D
 Acq: 16 May 2025 09:22

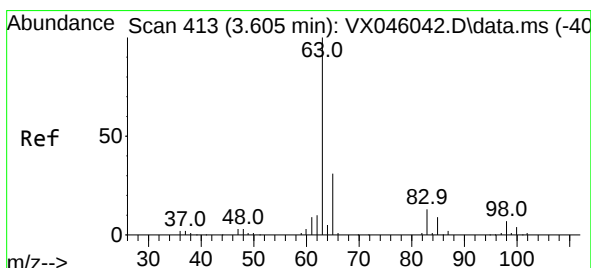
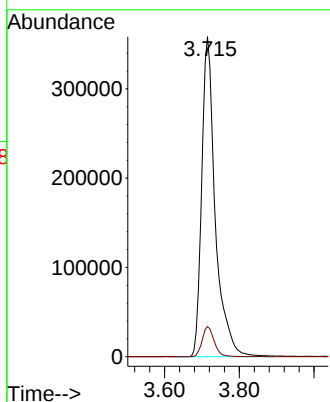
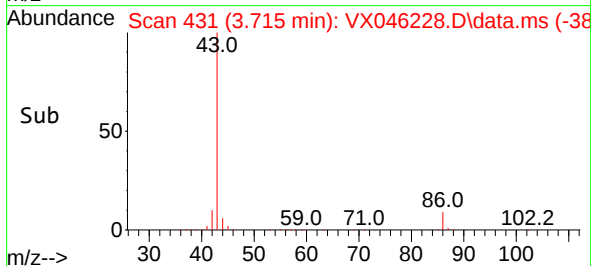
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



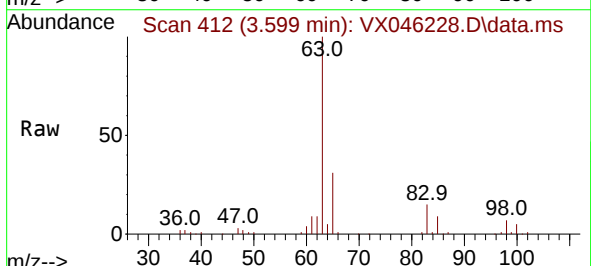
Tgt Ion: 43 Resp: 901560
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

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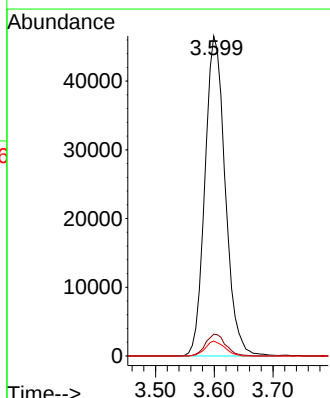
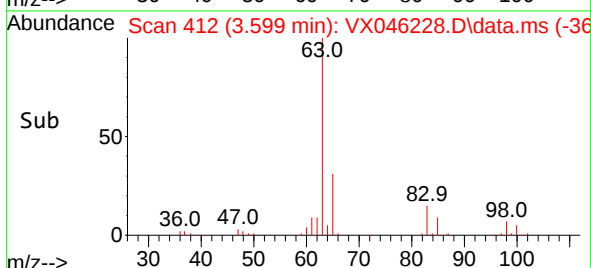
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025

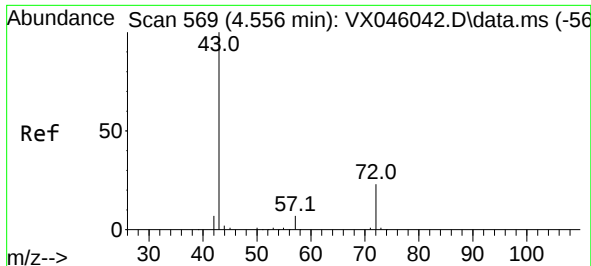


#24
 1,1-Dichloroethane
 Concen: 48.548 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046228.D
 Acq: 16 May 2025 09:22



Tgt Ion: 63 Resp: 111905
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.7 2.1 6.3





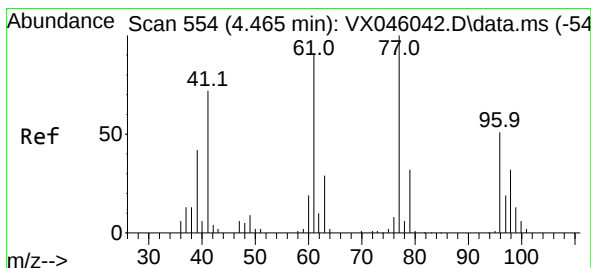
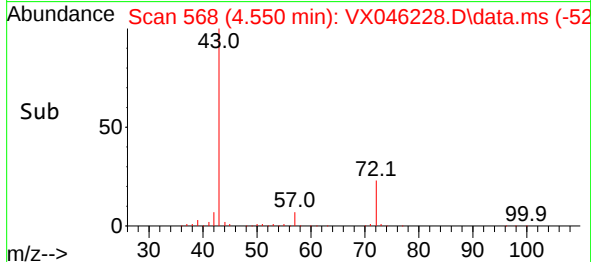
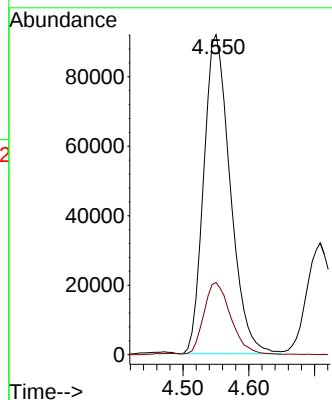
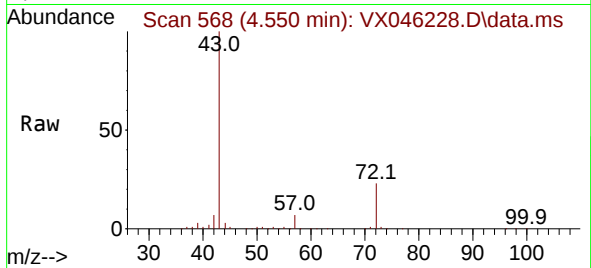
#25
2-Butanone
Concen: 251.138 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 257659
Ion Ratio Lower Upper
43 100
72 22.5 18.4 27.6

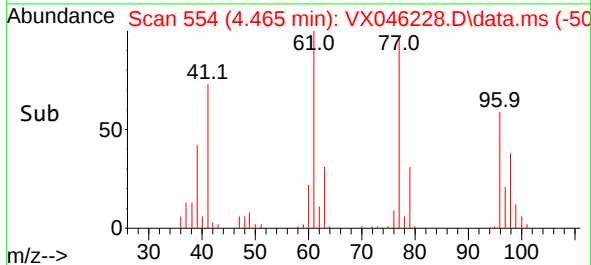
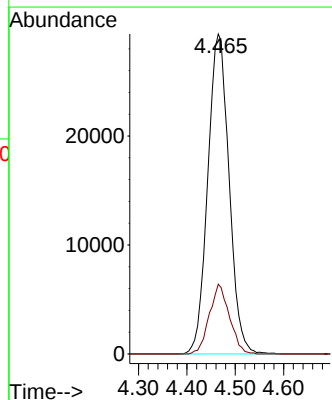
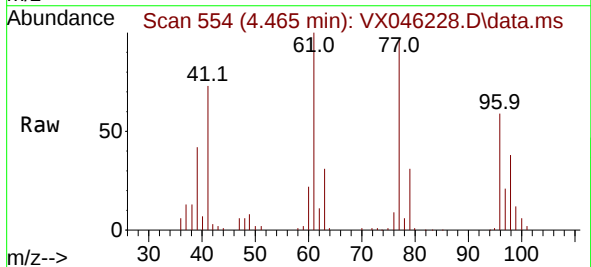
Manual Integrations
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Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#26
2,2-Dichloropropane
Concen: 49.765 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

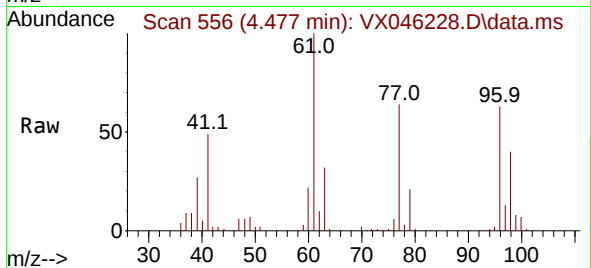
Tgt Ion: 77 Resp: 89785
Ion Ratio Lower Upper
77 100
97 20.5 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 47.618 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX046228.D
 Acq: 16 May 2025 09:22

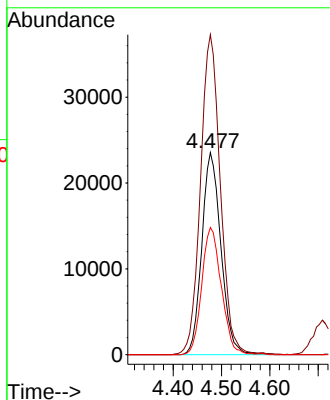
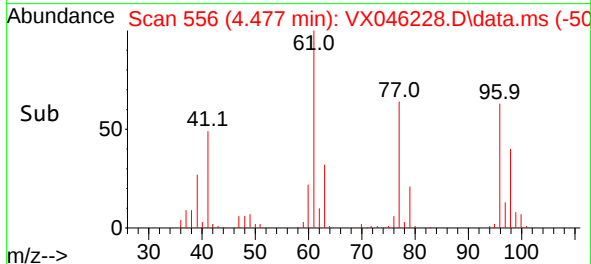
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 64624
 Ion Ratio Lower Upper
 96 100
 61 164.6 0.0 322.8
 98 64.4 0.0 129.0

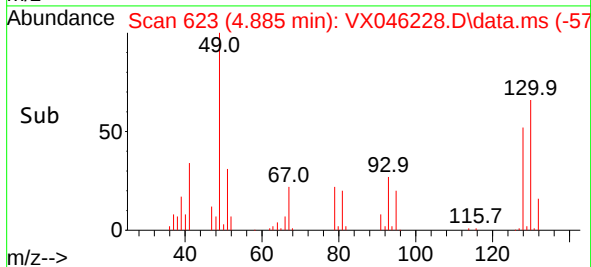
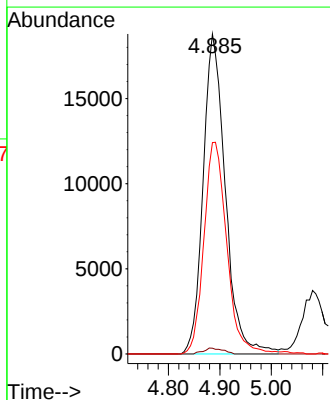
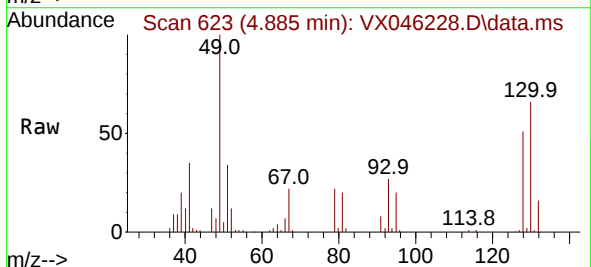
Manual Integrations
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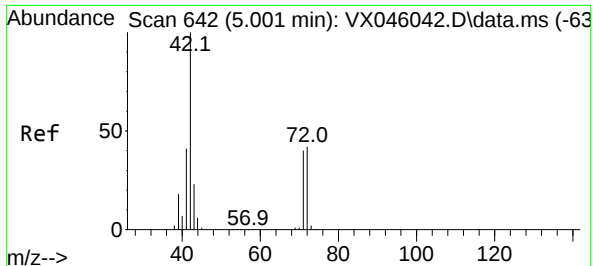
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#28
 Bromochloromethane
 Concen: 50.823 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX046228.D
 Acq: 16 May 2025 09:22

Tgt Ion: 49 Resp: 56389
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 68.1 56.2 84.2





#29

Tetrahydrofuran

Concen: 240.809 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX046228.D

Acq: 16 May 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 15481

Ion Ratio Lower Upper

42 100

72 41.9 33.7 50.5

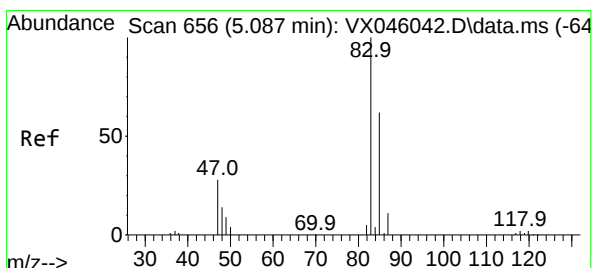
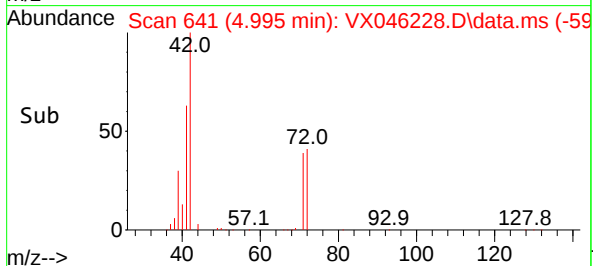
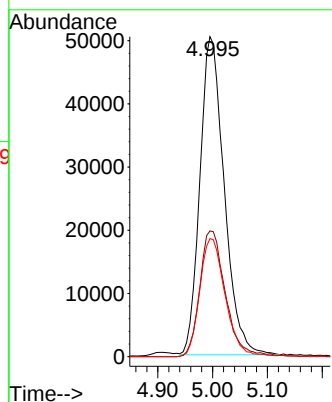
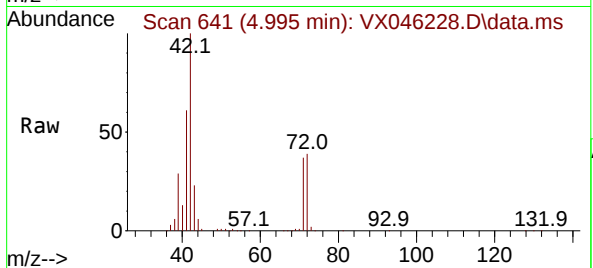
71 38.9 31.4 47.2

Manual Integrations

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Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#30

Chloroform

Concen: 49.338 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX046228.D

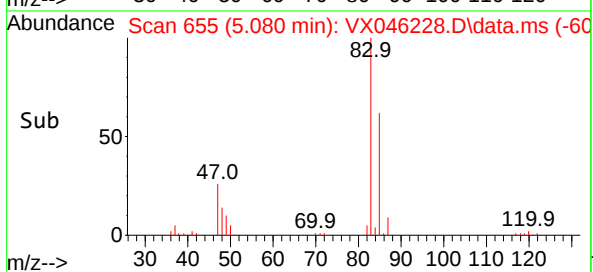
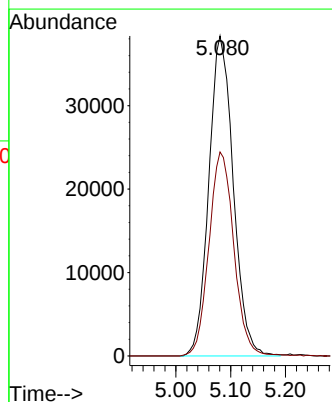
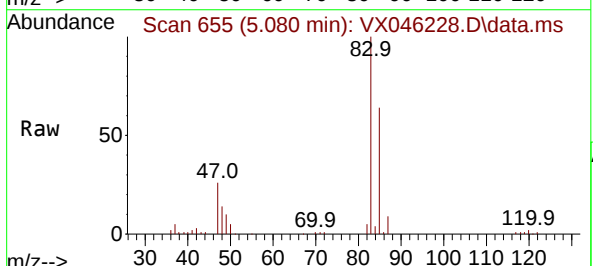
Acq: 16 May 2025 09:22

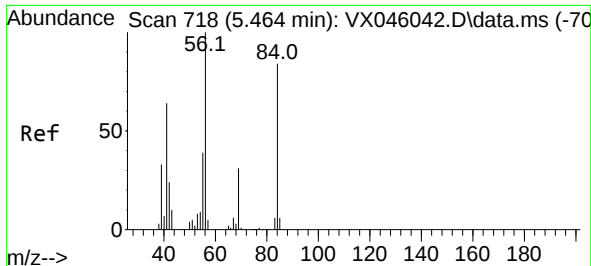
Tgt Ion: 83 Resp: 118538

Ion Ratio Lower Upper

83 100

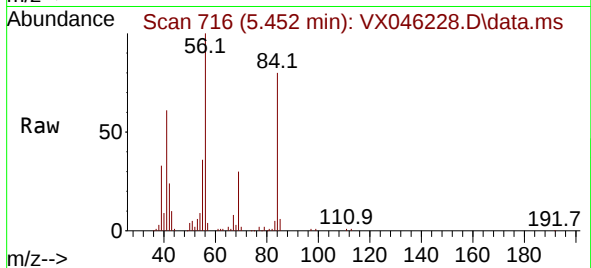
85 63.8 49.3 73.9





#31
Cyclohexane
Concen: 46.559 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

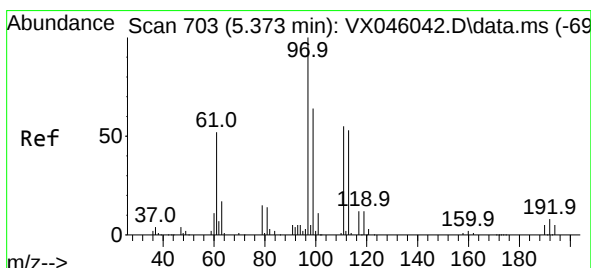
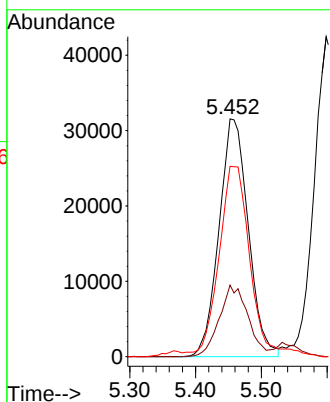
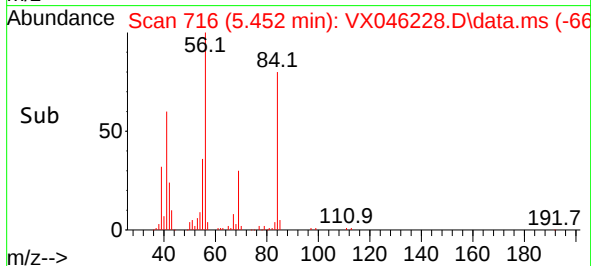
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



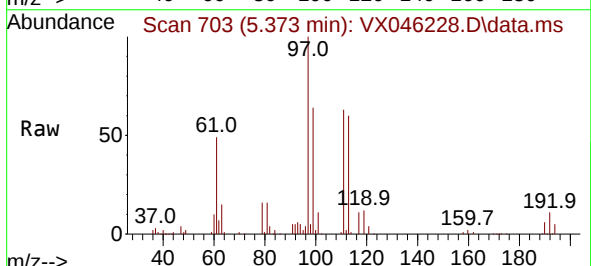
Tgt Ion: 56 Resp: 97790
Ion Ratio Lower Upper
56 100
69 30.1 24.4 36.6
84 77.9 66.9 100.3

Manual Integrations
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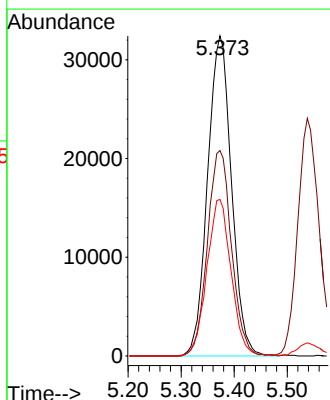
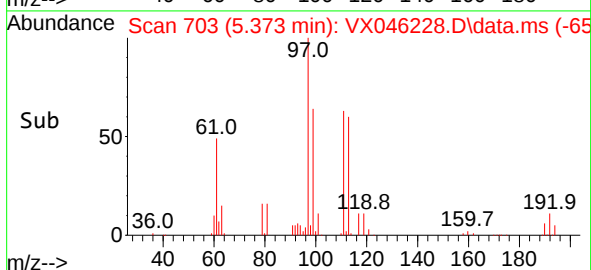
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

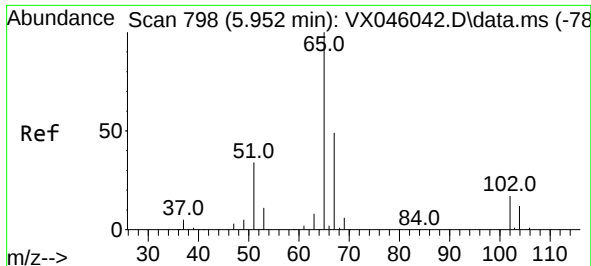


#32
1,1,1-Trichloroethane
Concen: 48.706 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



Tgt Ion: 97 Resp: 101438
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 49.7 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 48.032 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046228.D

Acq: 16 May 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 84658

Ion Ratio Lower Upper

65 100

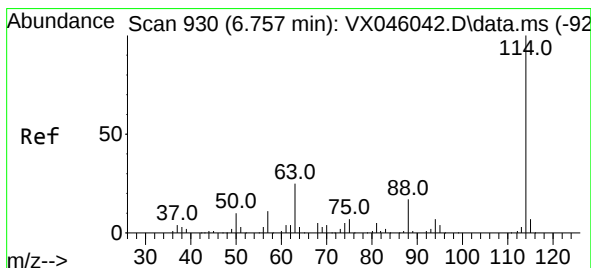
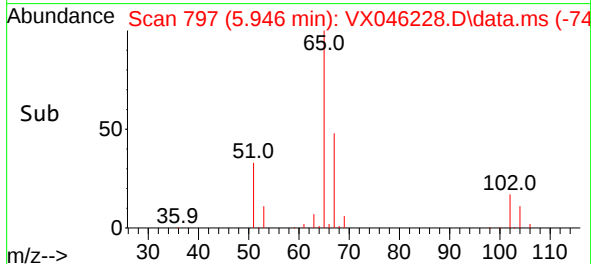
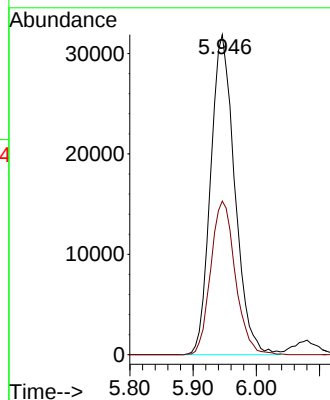
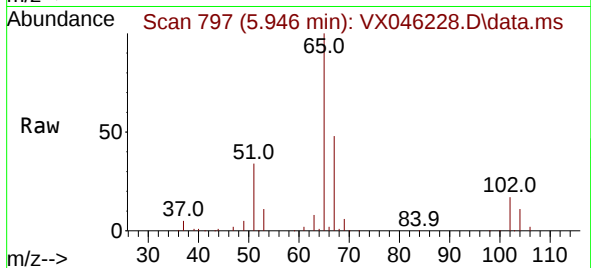
67 48.8 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX046228.D

Acq: 16 May 2025 09:22

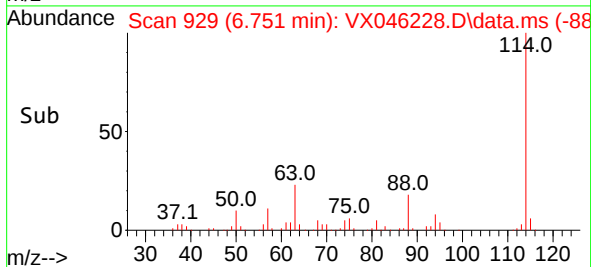
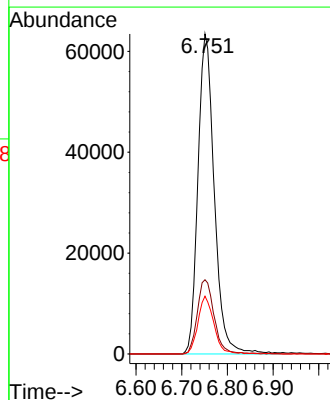
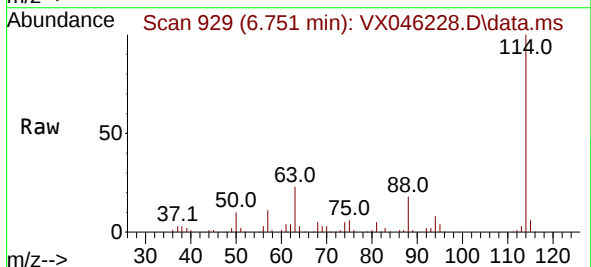
Tgt Ion:114 Resp: 157316

Ion Ratio Lower Upper

114 100

63 23.2 0.0 49.2

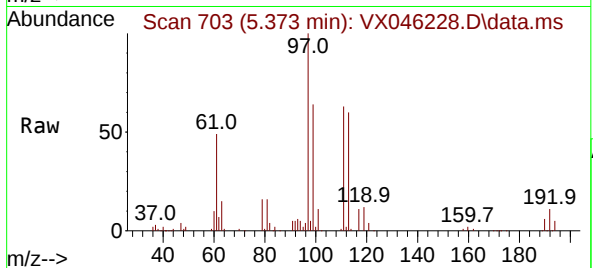
88 18.1 0.0 33.6





#35
Dibromofluoromethane
Concen: 52.812 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

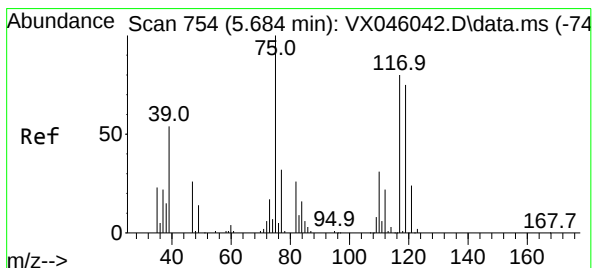
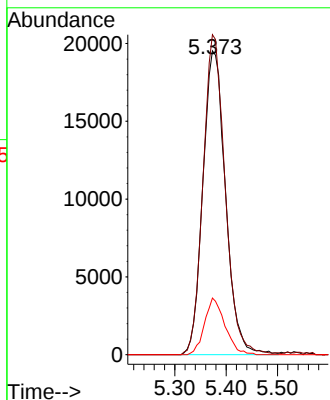
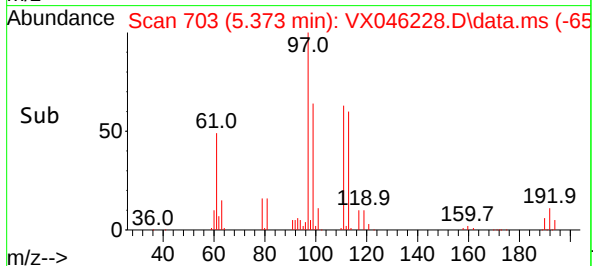
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 59828
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.8 13.3 19.9

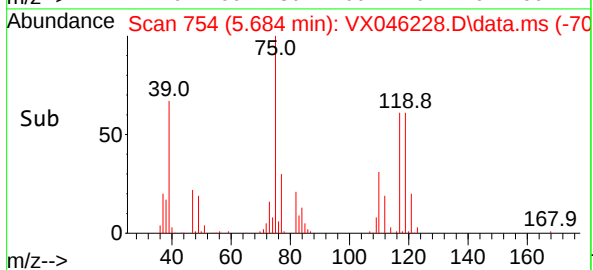
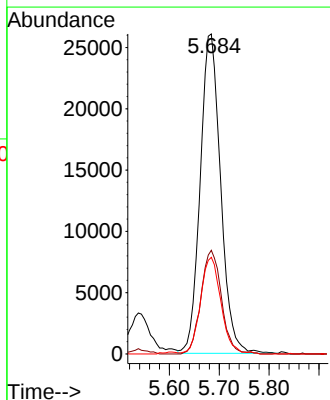
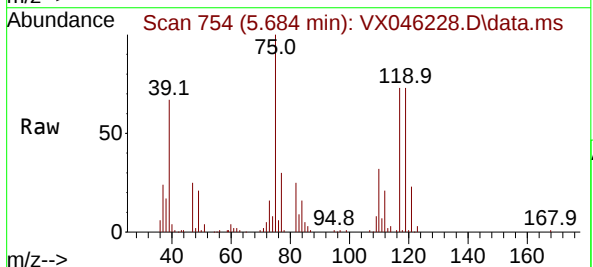
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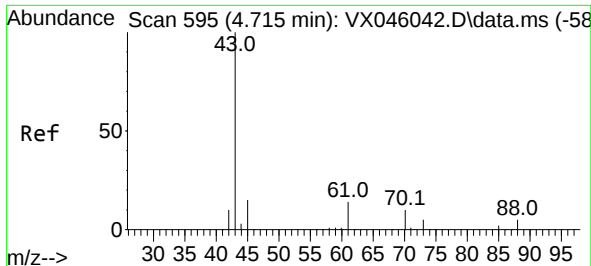
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#36
1,1-Dichloropropene
Concen: 48.739 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Tgt Ion: 75 Resp: 74185
Ion Ratio Lower Upper
75 100
110 32.6 16.3 48.9
77 30.4 24.3 36.5





#37

Ethyl Acetate

Concen: 47.626 ug/l

RT: 4.709 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX046228.D

Acq: 16 May 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

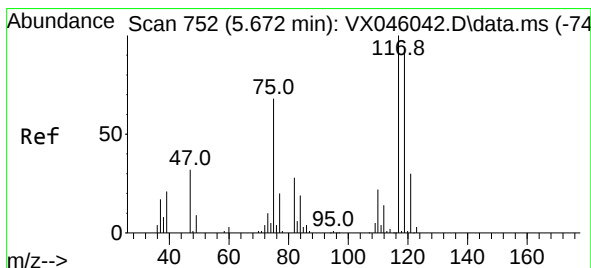
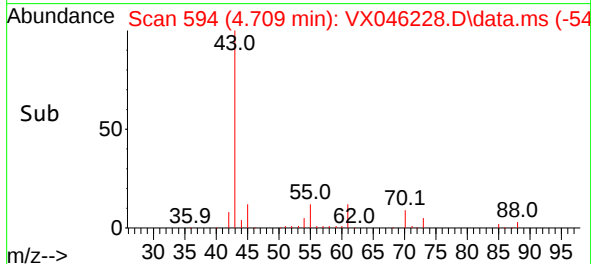
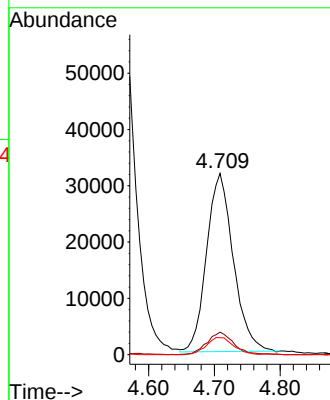
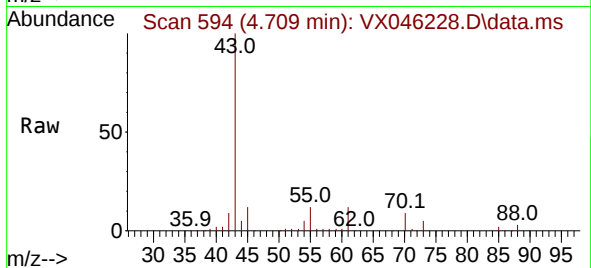
Tgt Ion: 43 Resp: 89562
 Ion Ratio Lower Upper
 43 100
 61 12.7 10.3 15.5
 70 9.8 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#38

Carbon Tetrachloride

Concen: 51.040 ug/l

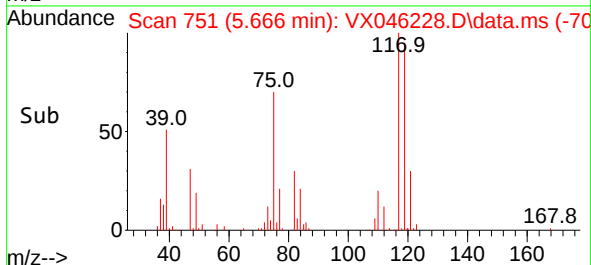
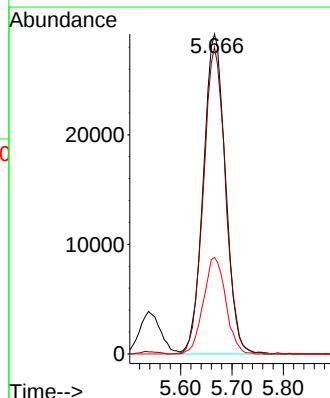
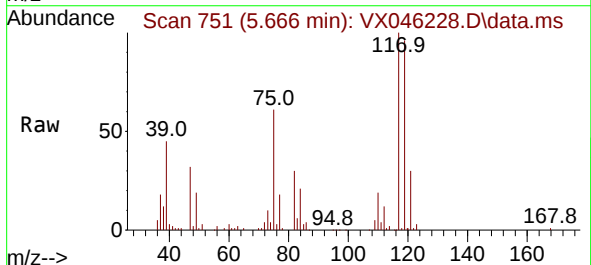
RT: 5.666 min Scan# 751

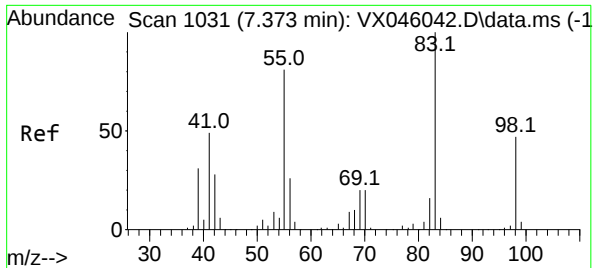
Delta R.T. -0.006 min

Lab File: VX046228.D

Acq: 16 May 2025 09:22

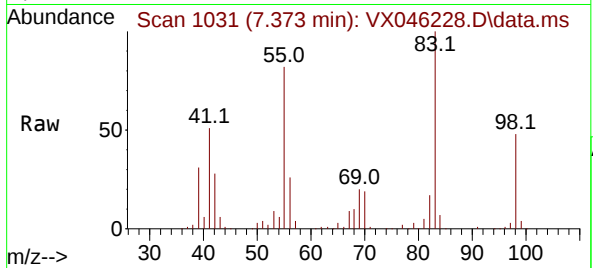
Tgt Ion:117 Resp: 87289
 Ion Ratio Lower Upper
 117 100
 119 95.6 75.2 112.8
 121 30.2 24.2 36.4





#39
Methylcyclohexane
Concen: 48.850 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

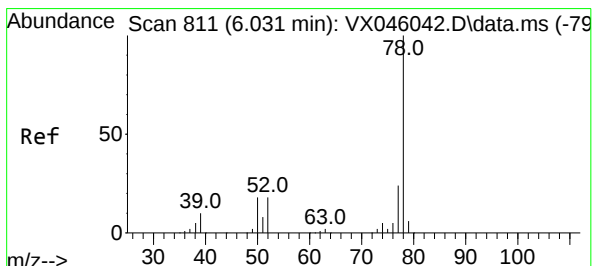
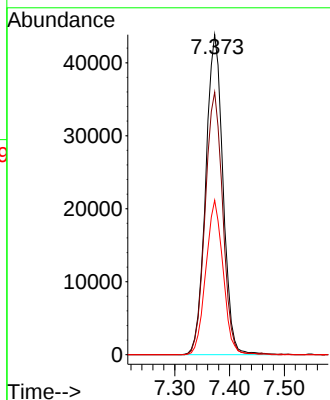
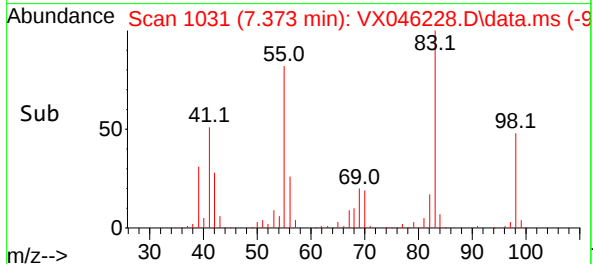
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



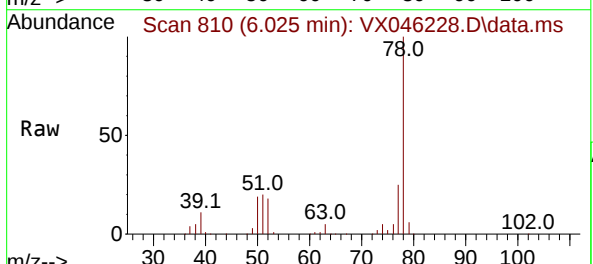
Tgt Ion: 83 Resp: 95724
Ion Ratio Lower Upper
83 100
55 82.0 64.7 97.1
98 48.3 37.4 56.2

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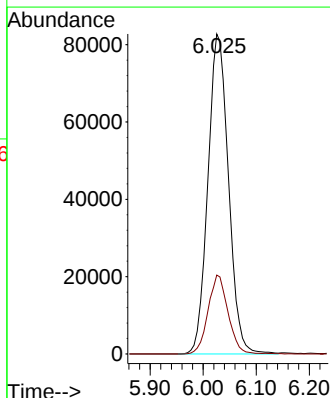
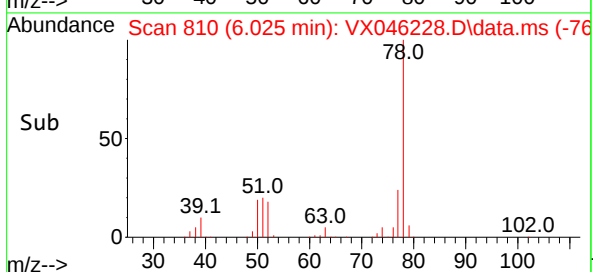
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#40
Benzene
Concen: 50.018 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



Tgt Ion: 78 Resp: 222999
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4





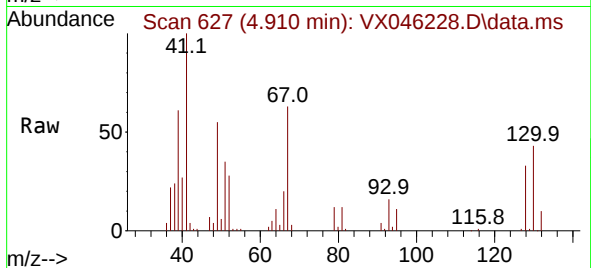
#41
Methacrylonitrile
Concen: 54.832 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



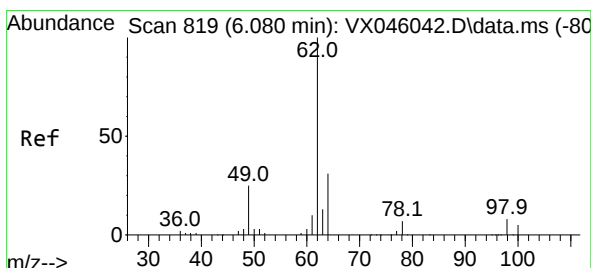
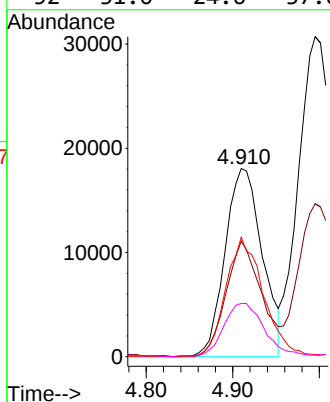
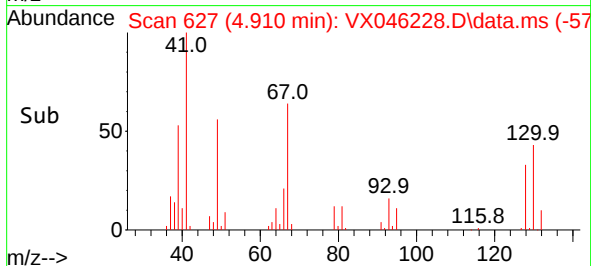
Tgt Ion: 41 Resp: 53940
Ion Ratio Lower Upper
41 100
39 58.0 47.2 70.8
67 64.9 50.7 76.1
52 31.0 24.6 37.0

Manual Integrations

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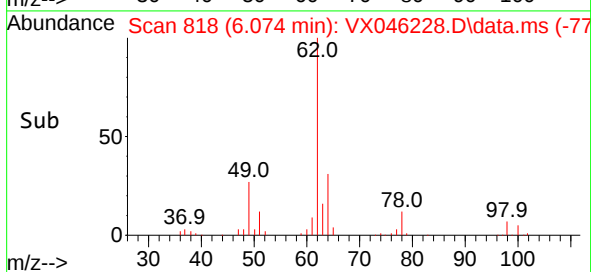
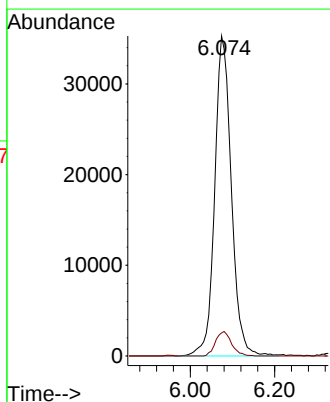
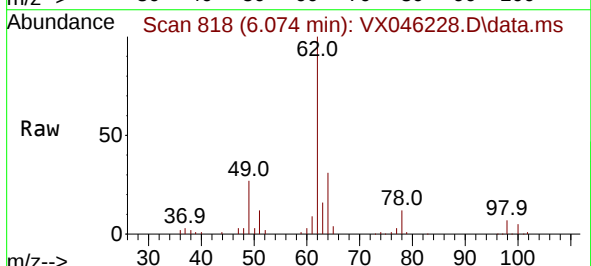
Reviewed By :John Carlone 05/19/2025

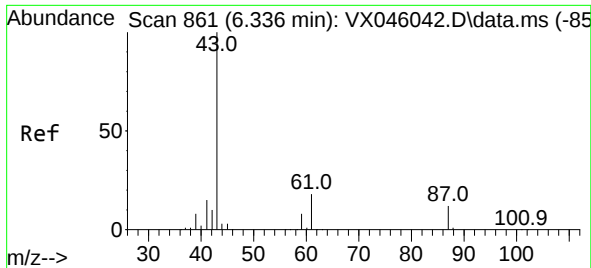
Supervised By :Mahesh Dadoda 05/19/2025



#42
1,2-Dichloroethane
Concen: 50.211 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

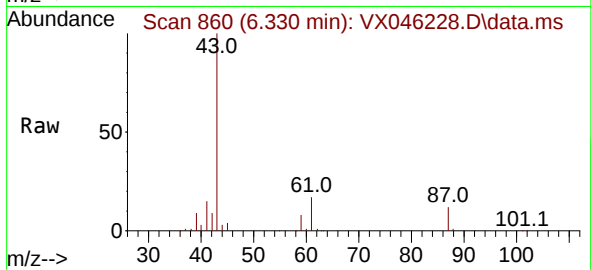
Tgt Ion: 62 Resp: 96614
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.2





#43
Isopropyl Acetate
Concen: 51.114 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

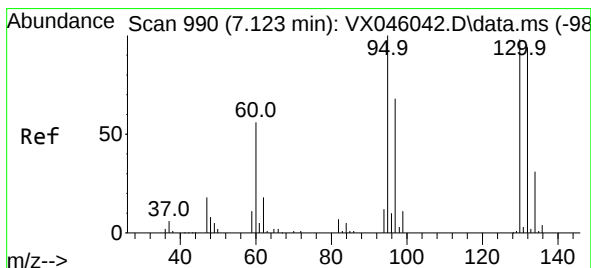
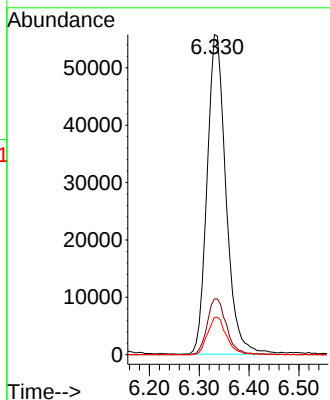
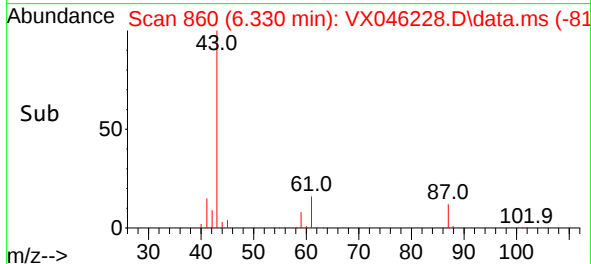
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 146639
Ion Ratio Lower Upper
43 100
61 17.9 14.3 21.5
87 11.8 9.5 14.3

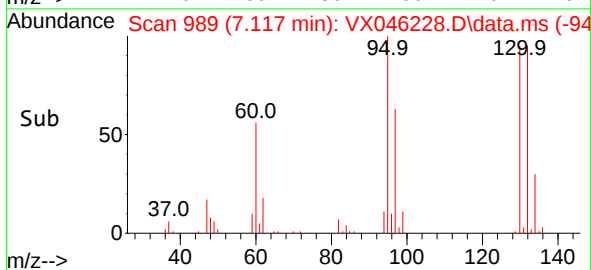
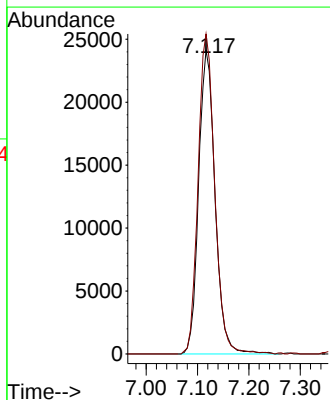
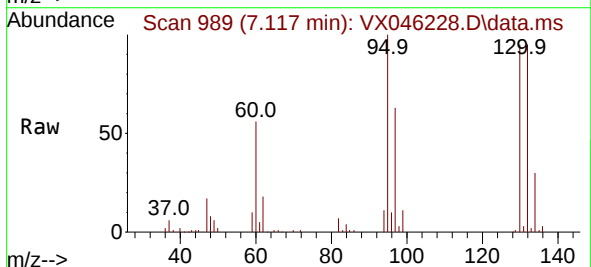
Manual Integrations
APPROVED

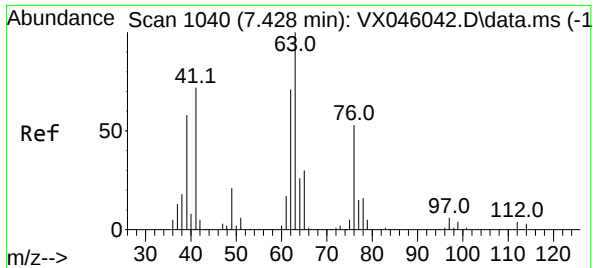
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#44
Trichloroethene
Concen: 49.949 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

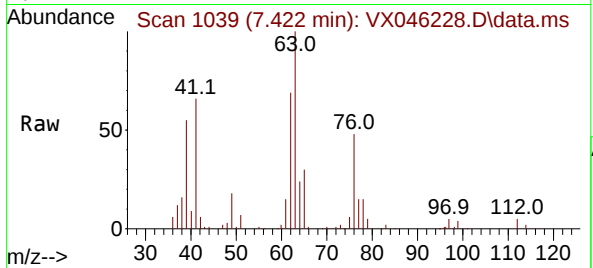
Tgt Ion:130 Resp: 53597
Ion Ratio Lower Upper
130 100
95 105.3 0.0 204.2





#45
1,2-Dichloropropane
Concen: 52.981 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

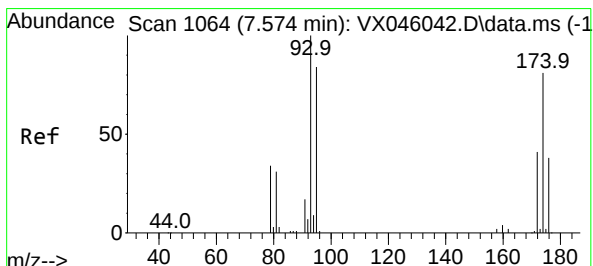
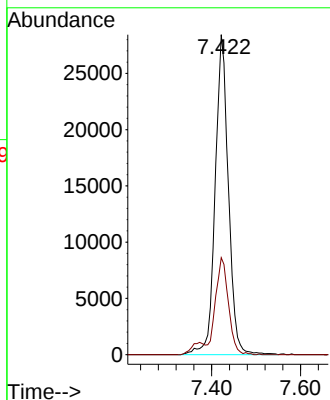
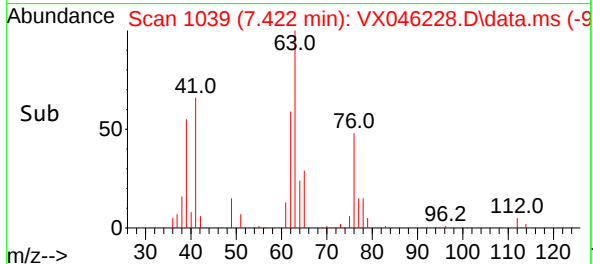
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 58734
Ion Ratio Lower Upper
63 100
65 30.3 24.1 36.1

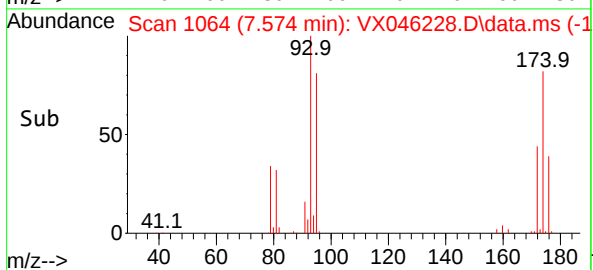
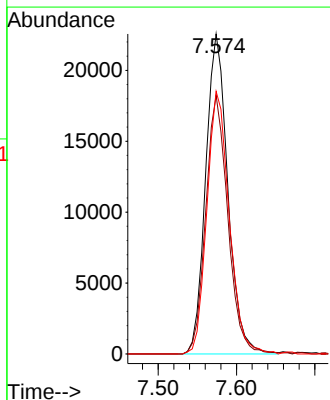
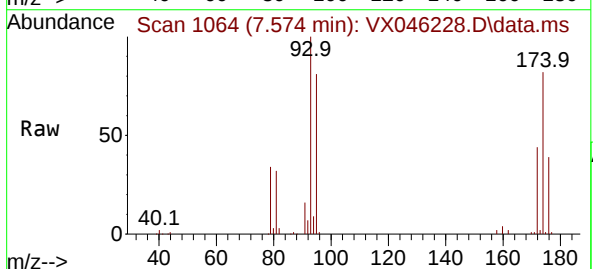
Manual Integrations
APPROVED

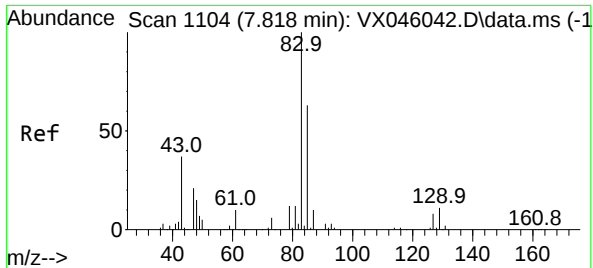
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#46
Dibromomethane
Concen: 50.649 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

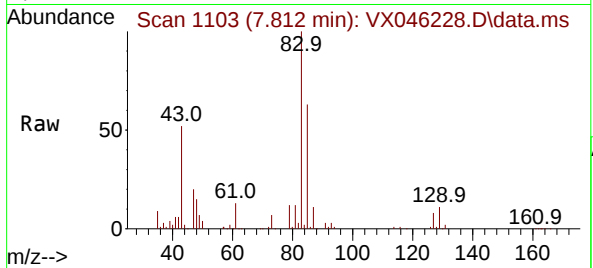
Tgt Ion: 93 Resp: 44285
Ion Ratio Lower Upper
93 100
95 81.0 65.6 98.4
174 82.9 68.2 102.2





#47
Bromodichloromethane
Concen: 52.885 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

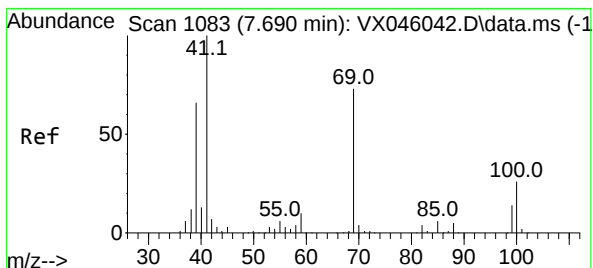
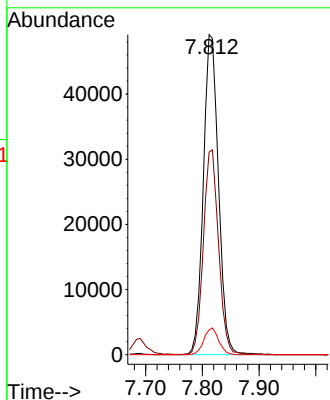
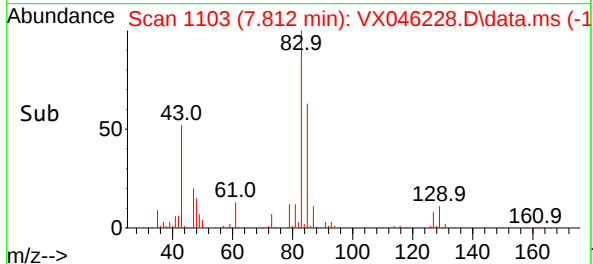
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



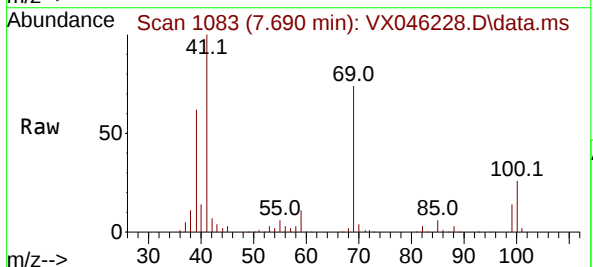
Tgt Ion: 83 Resp: 91074
Ion Ratio Lower Upper
83 100
85 63.3 50.5 75.7
127 7.8 6.5 9.7

Manual Integrations
APPROVED

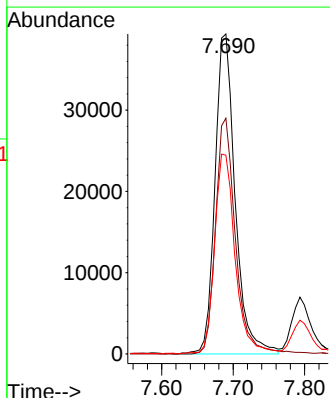
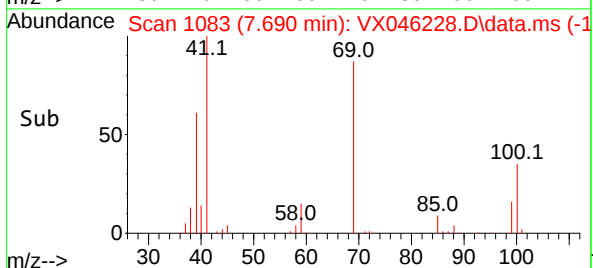
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

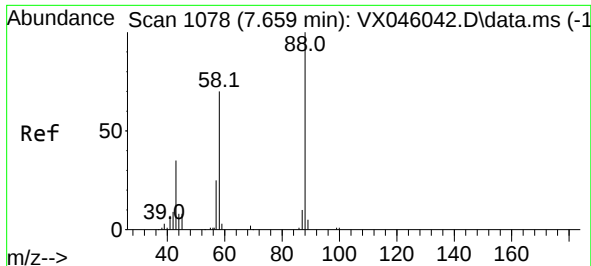


#48
Methyl methacrylate
Concen: 52.751 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



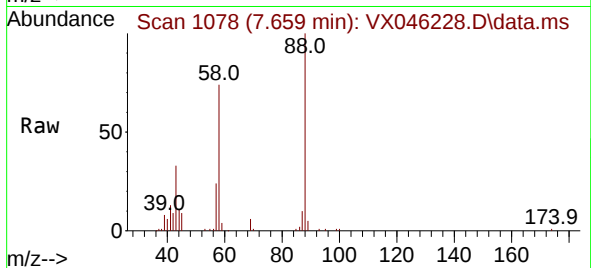
Tgt Ion: 41 Resp: 77288
Ion Ratio Lower Upper
41 100
69 73.0 58.5 87.7
39 63.8 51.7 77.5





#49
1,4-Dioxane
Concen: 989.815 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

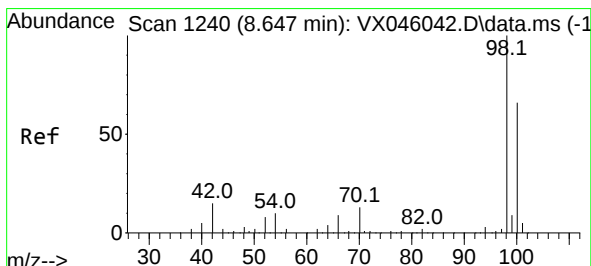
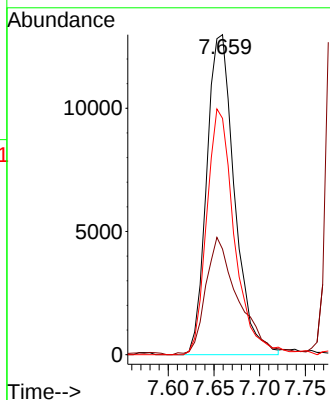
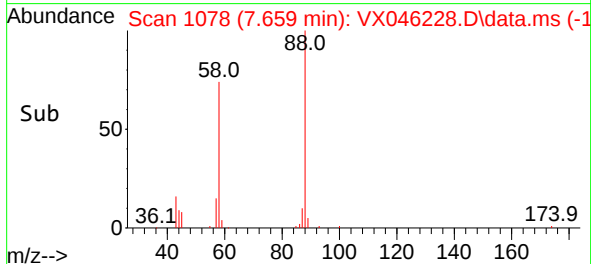
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



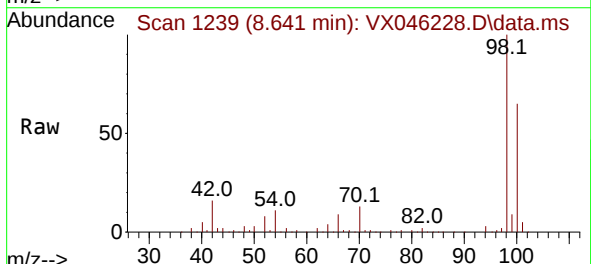
Tgt Ion: 88 Resp: 27530
Ion Ratio Lower Upper
88 100
43 43.5 33.4 50.2
58 76.4 58.6 88.0

Manual Integrations
APPROVED

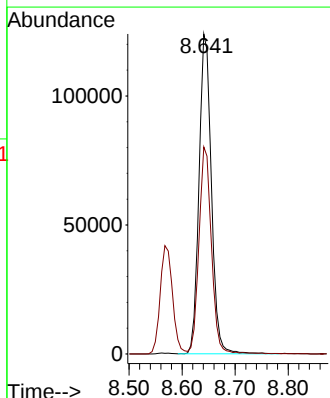
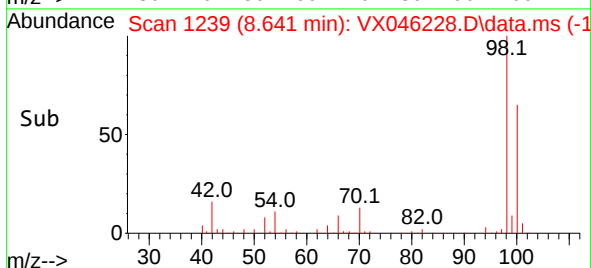
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

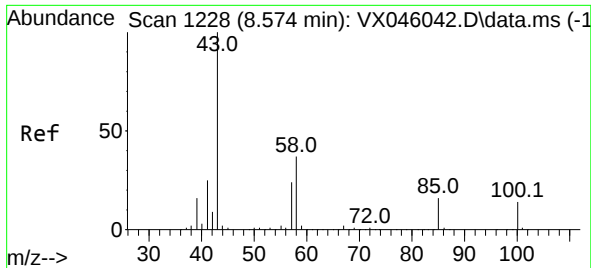


#50
Toluene-d8
Concen: 51.202 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



Tgt Ion: 98 Resp: 200757
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3





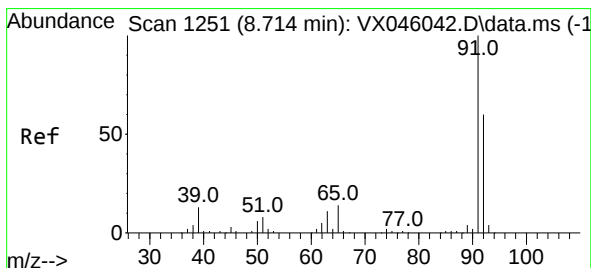
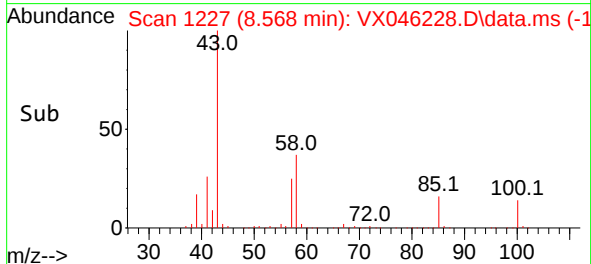
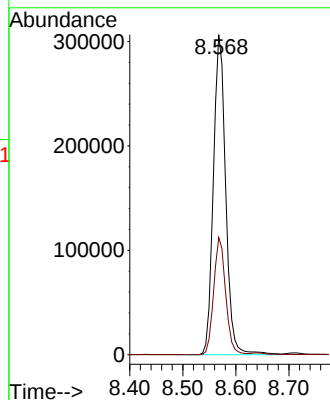
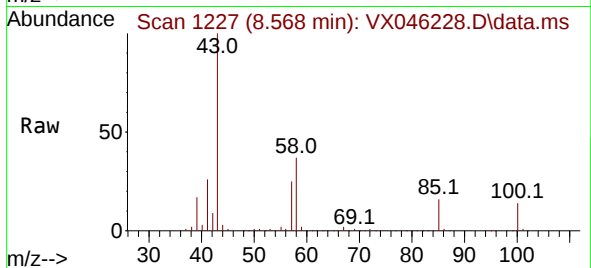
#51
4-Methyl-2-Pentanone
Concen: 259.795 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 494732
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3

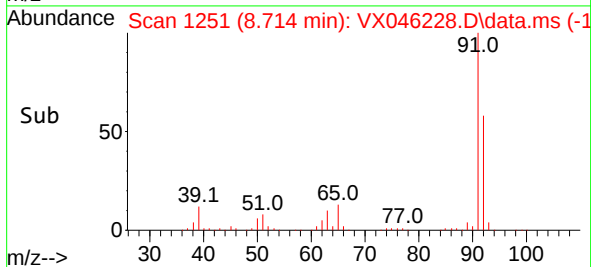
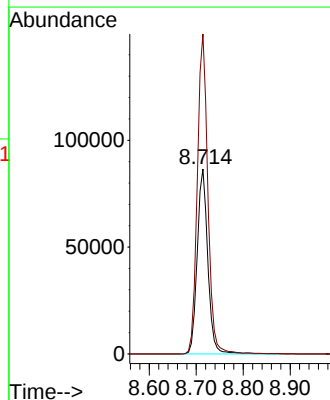
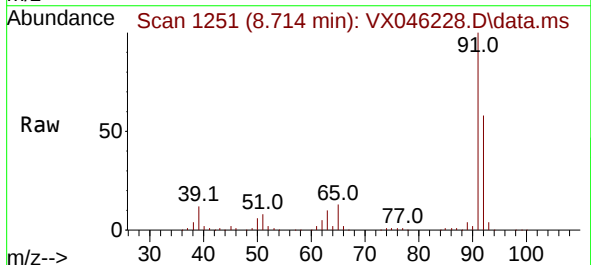
Manual Integrations
APPROVED

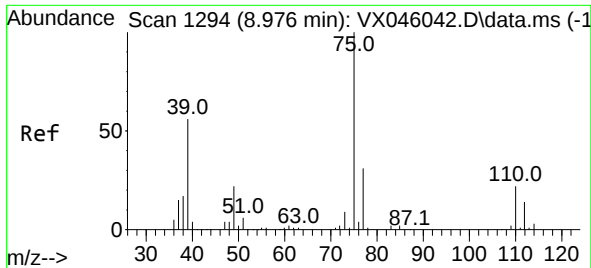
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#52
Toluene
Concen: 49.729 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

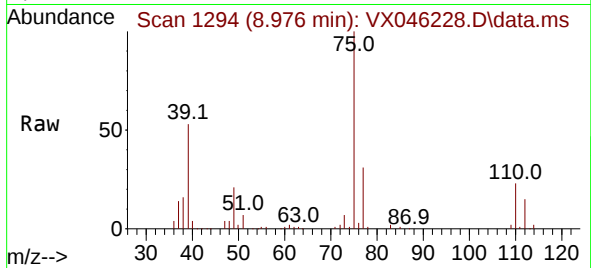
Tgt Ion: 92 Resp: 135948
Ion Ratio Lower Upper
92 100
91 172.0 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 53.141 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

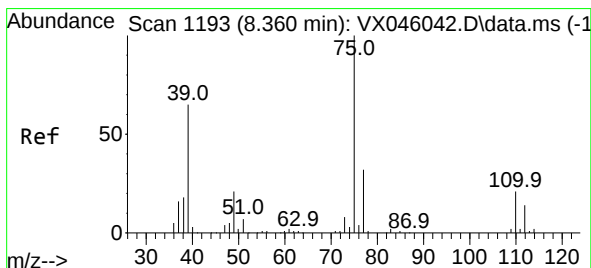
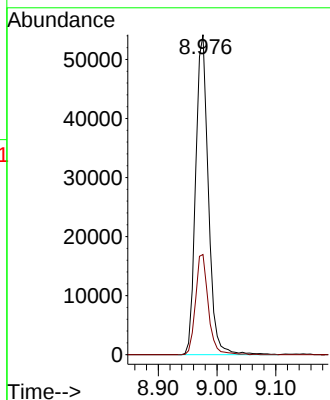
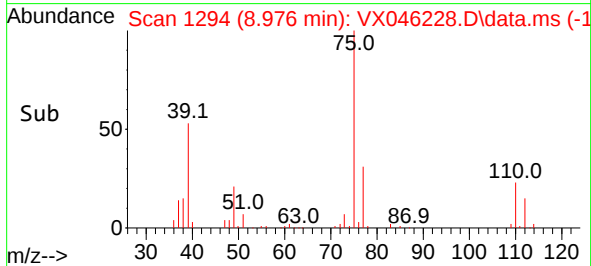
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 8134
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6

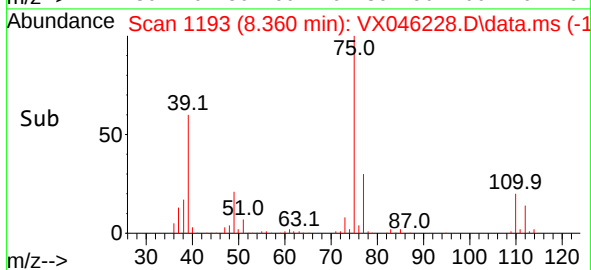
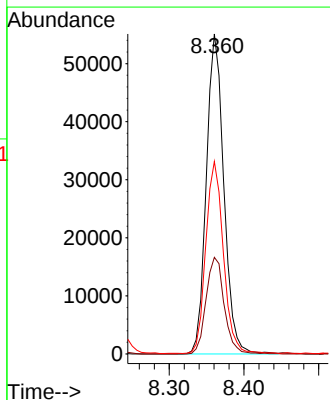
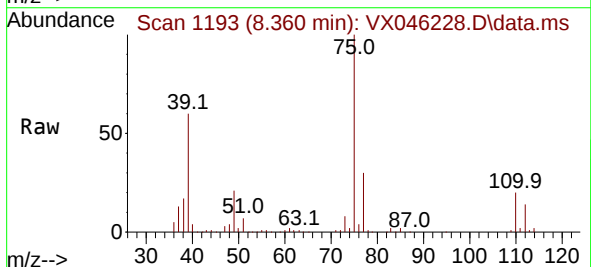
Manual Integrations
APPROVED

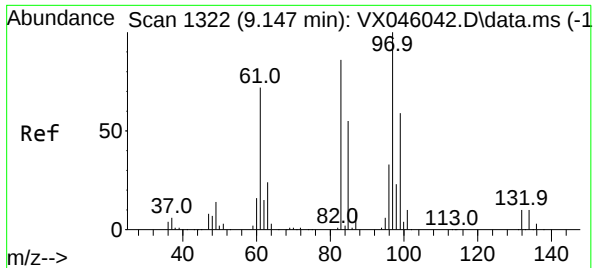
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#54
cis-1,3-Dichloropropene
Concen: 53.067 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

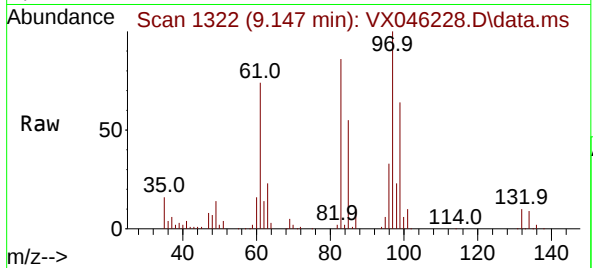
Tgt Ion: 75 Resp: 89779
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0
39 60.0 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 51.574 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

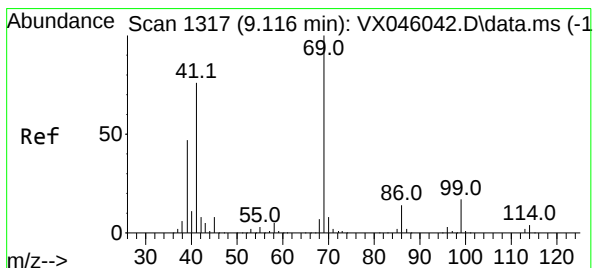
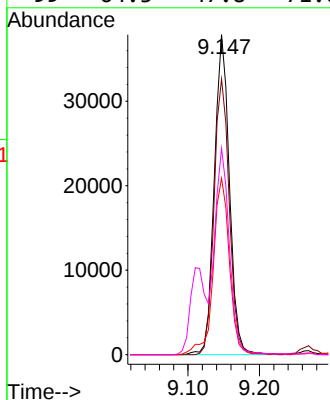
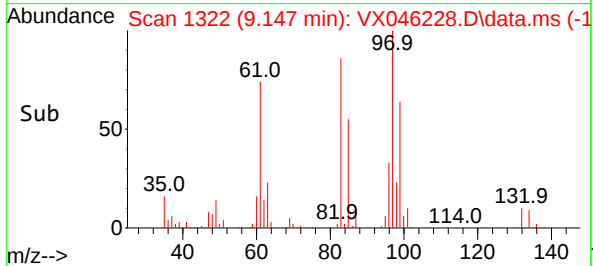
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



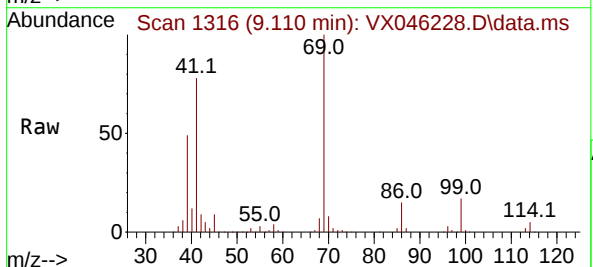
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.0	103.6
85	55.2	44.3	66.5
99	64.3	47.8	71.6

Manual Integrations
APPROVED

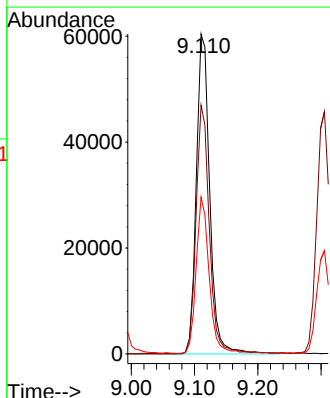
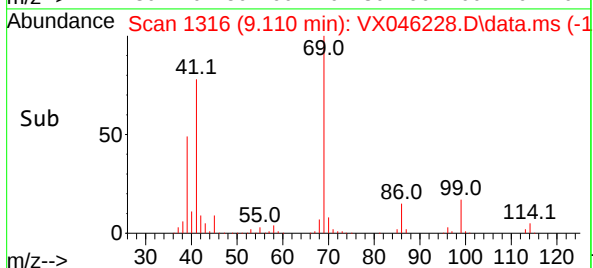
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

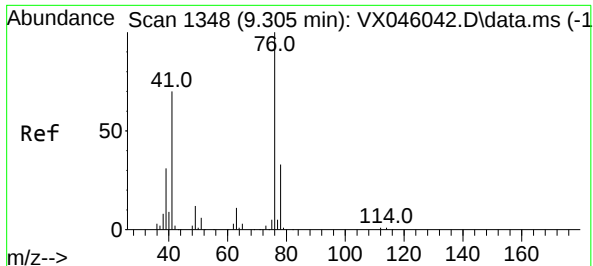


#56
Ethyl methacrylate
Concen: 52.135 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.0	60.8	91.2
39	47.7	39.0	58.6





#57

1,3-Dichloropropane

Concen: 50.096 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX046228.D

Acq: 16 May 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9698

Ion Ratio Lower Upper

76 100

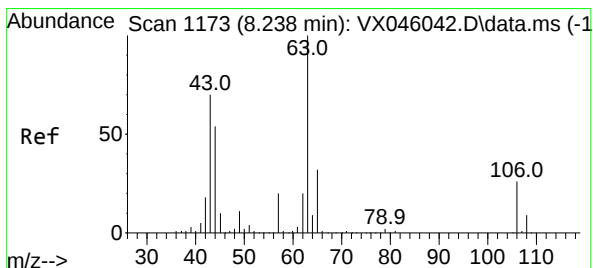
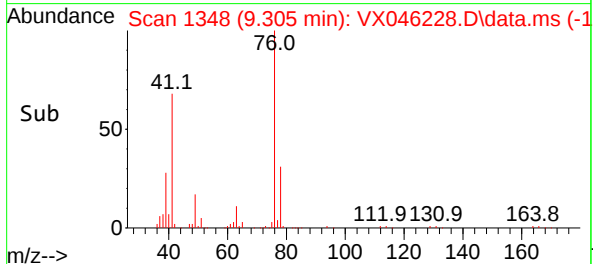
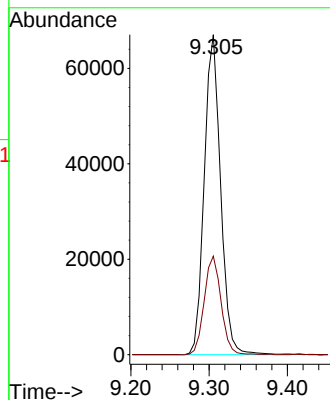
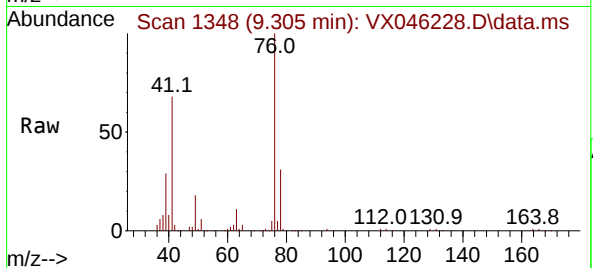
78 31.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 257.856 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046228.D

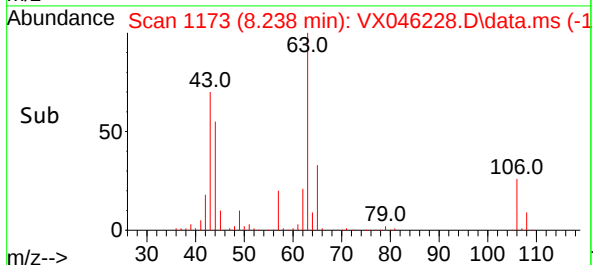
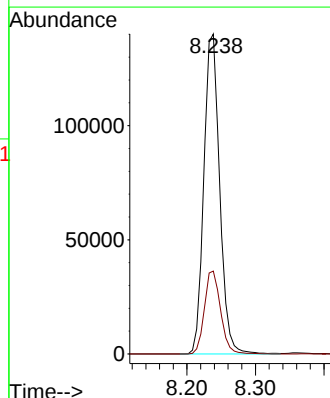
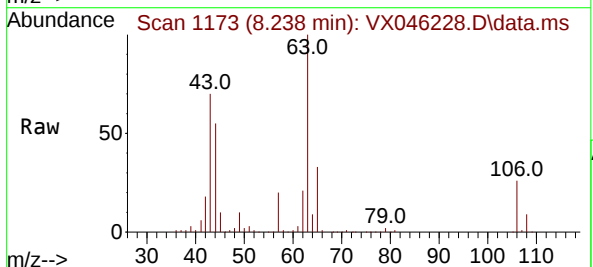
Acq: 16 May 2025 09:22

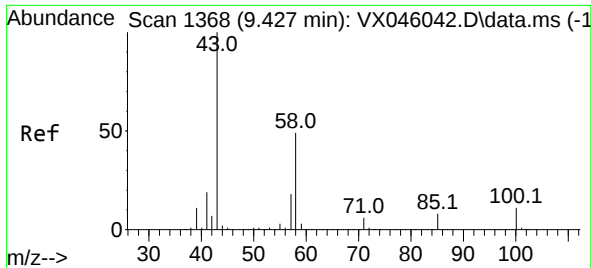
Tgt Ion: 63 Resp: 225847

Ion Ratio Lower Upper

63 100

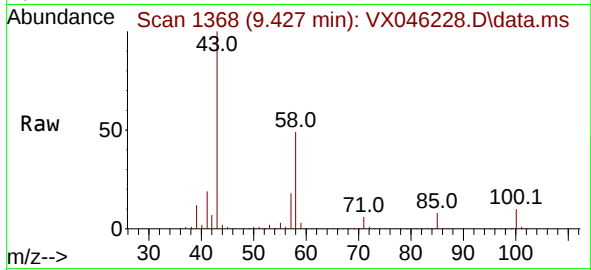
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 261.365 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

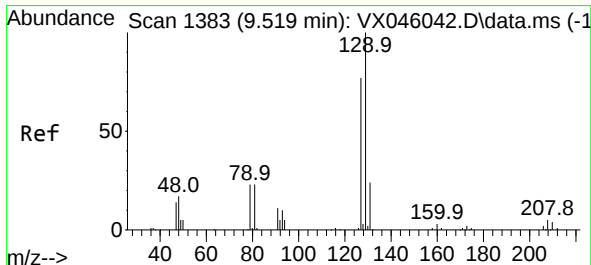
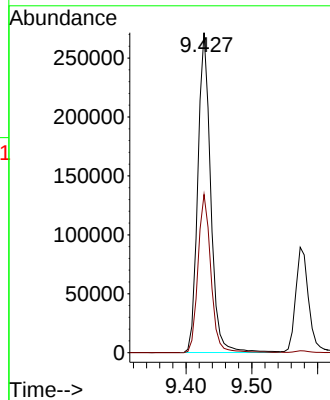
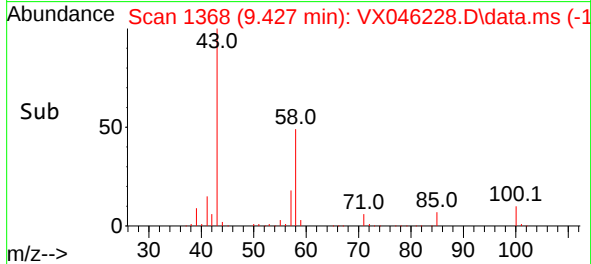
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36823
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.6

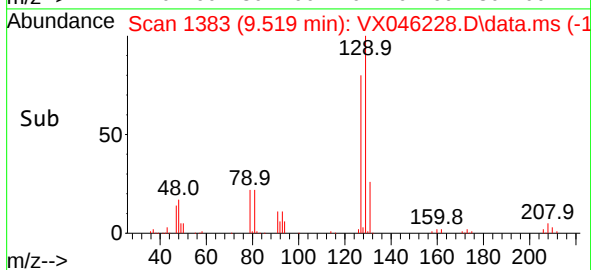
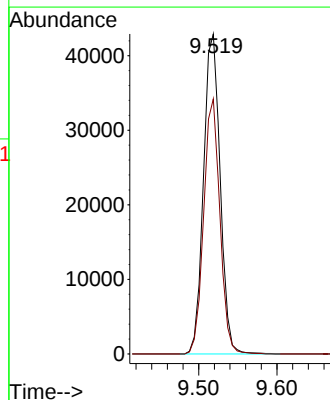
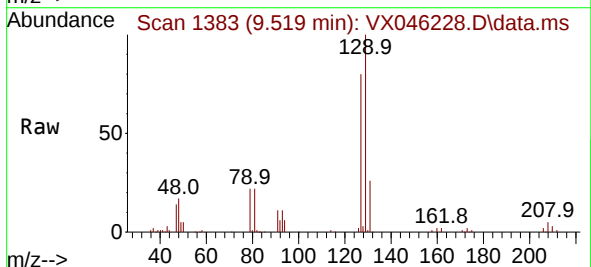
Manual Integrations
APPROVED

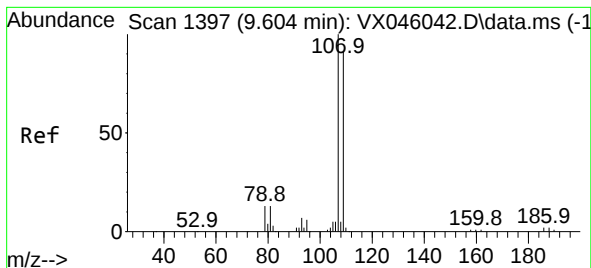
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#60
Dibromochloromethane
Concen: 53.406 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Tgt Ion:129 Resp: 63223
Ion Ratio Lower Upper
129 100
127 77.7 39.3 117.8





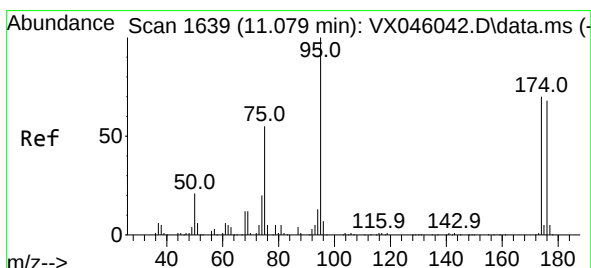
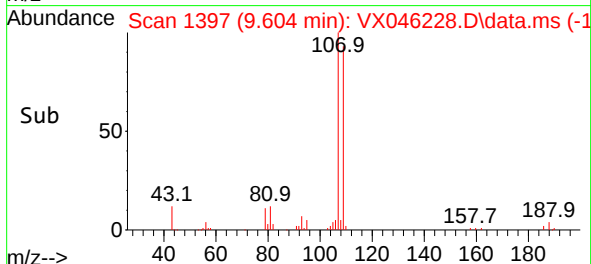
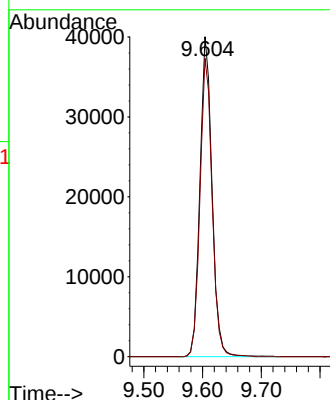
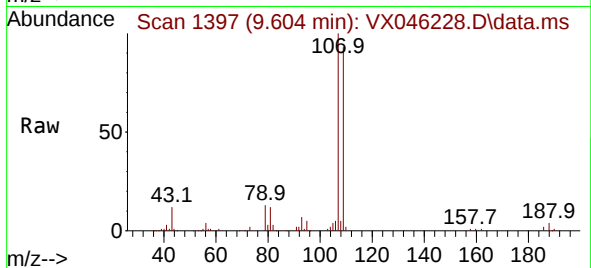
#61
1,2-Dibromoethane
Concen: 51.072 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 57219
Ion Ratio Lower Upper
107 100
109 93.6 73.3 109.9

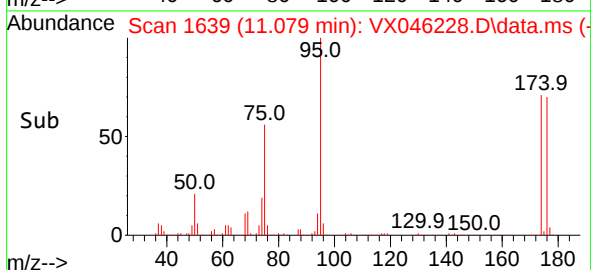
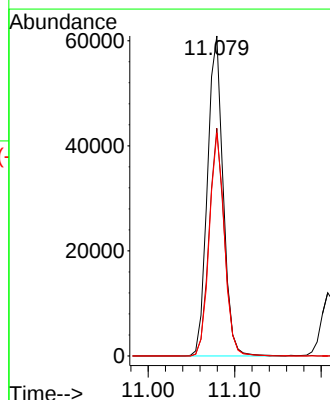
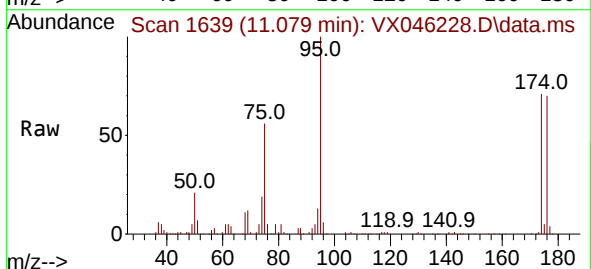
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#62
4-Bromofluorobenzene
Concen: 50.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

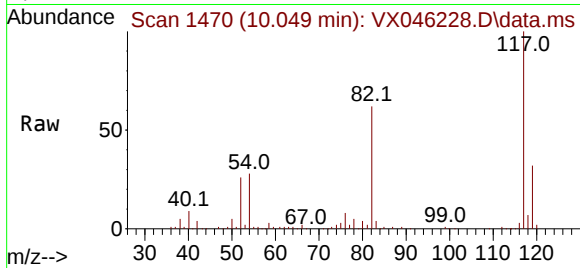
Tgt Ion: 95 Resp: 76464
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 67.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

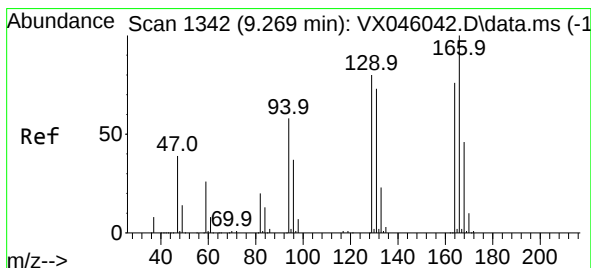
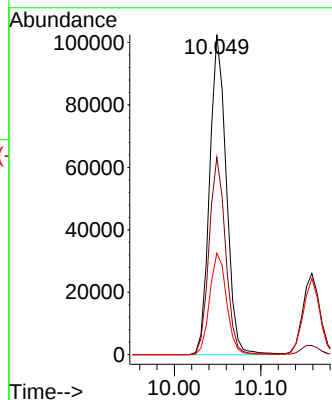
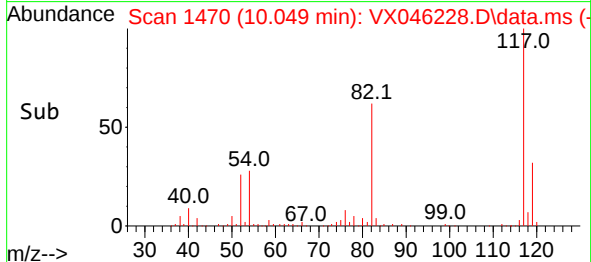
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 136812
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 31.8 25.8 38.6

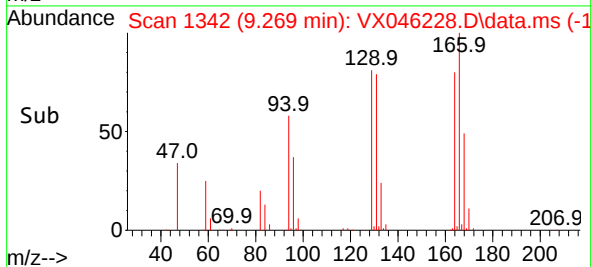
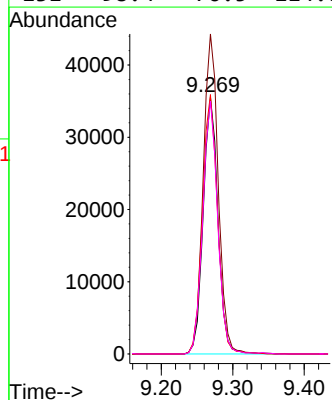
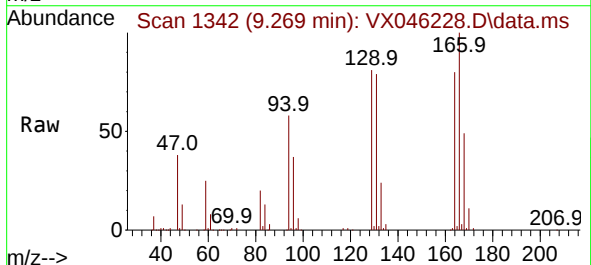
Manual Integrations
APPROVED

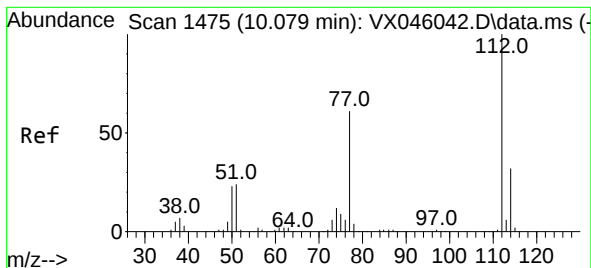
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#64
Tetrachloroethene
Concen: 52.644 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

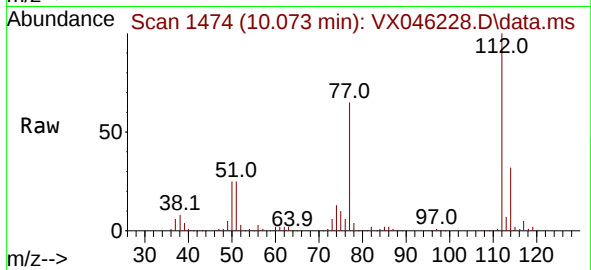
Tgt Ion:164 Resp: 50960
Ion Ratio Lower Upper
164 100
166 124.6 105.0 157.6
129 101.0 83.5 125.3
131 98.4 76.5 114.7





#65
Chlorobenzene
Concen: 49.413 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

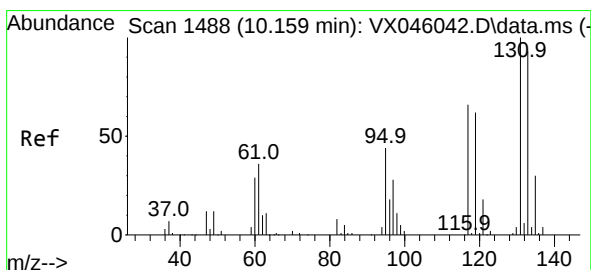
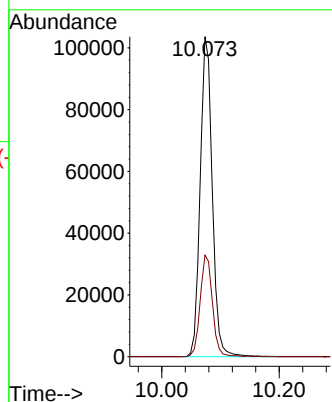
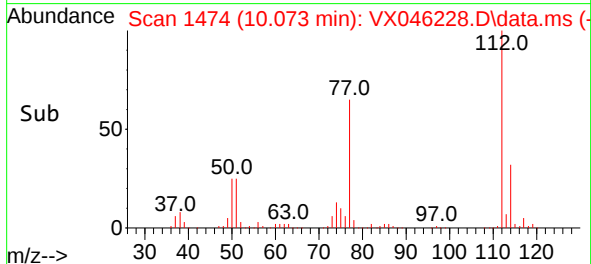
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



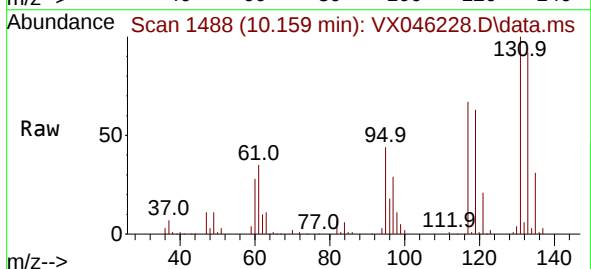
Tgt Ion:112 Resp: 14796
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

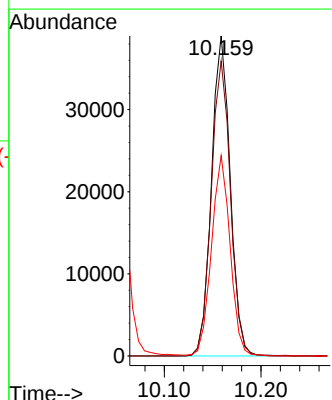
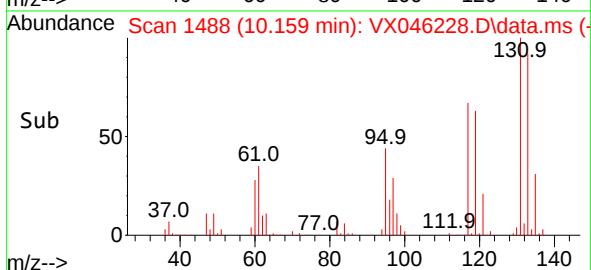
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

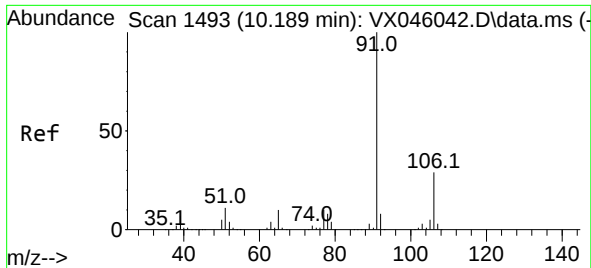


#66
1,1,1,2-Tetrachloroethane
Concen: 51.247 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



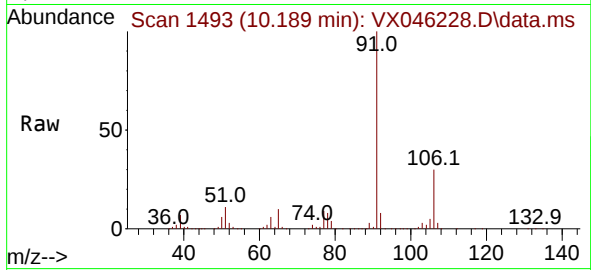
Tgt Ion:131 Resp: 52401
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.9
119 62.3 31.6 95.0





#67
Ethyl Benzene
Concen: 50.860 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

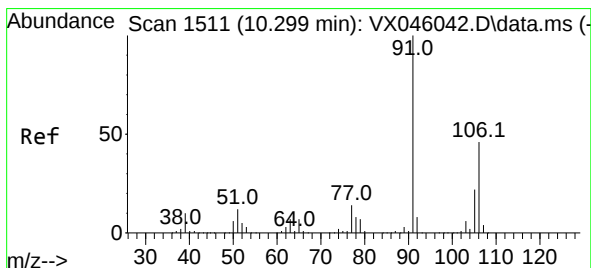
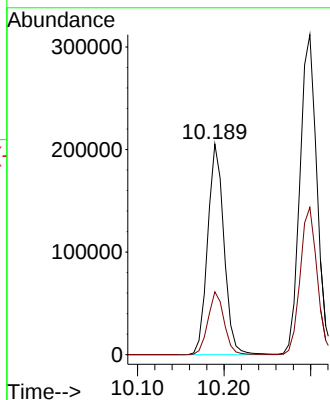
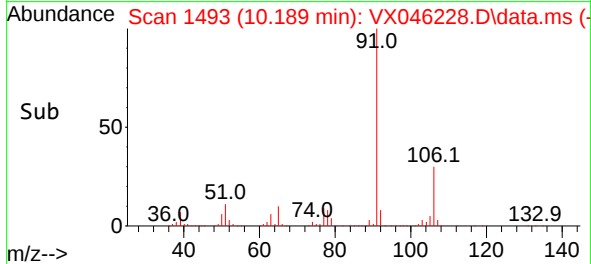
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



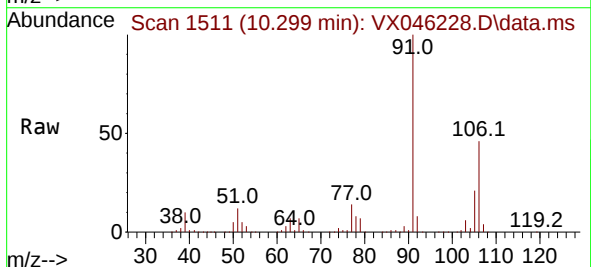
Tgt Ion: 91 Resp: 268462
Ion Ratio Lower Upper
91 100
106 29.8 23.4 35.2

Manual Integrations
APPROVED

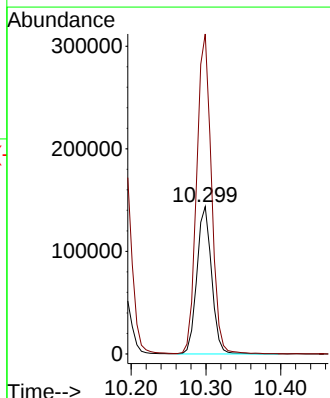
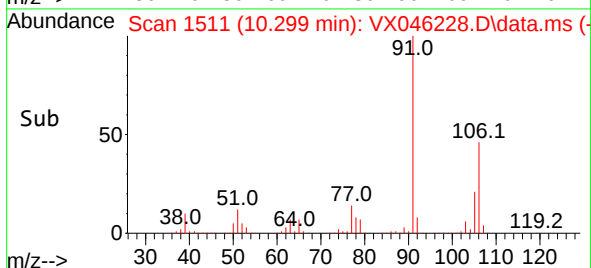
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

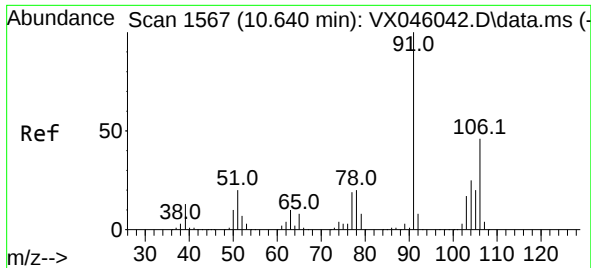


#68
m/p-Xylenes
Concen: 101.535 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



Tgt Ion:106 Resp: 196020
Ion Ratio Lower Upper
106 100
91 217.8 171.2 256.8





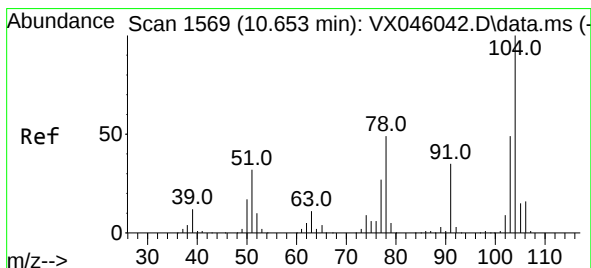
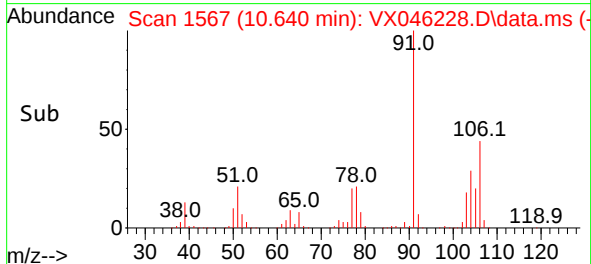
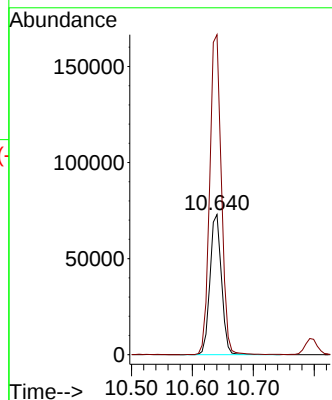
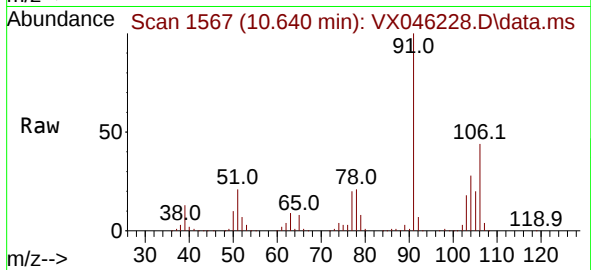
#69
o-Xylene
Concen: 50.773 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9556
Ion Ratio Lower Upper
106 100
91 232.3 112.7 338.1

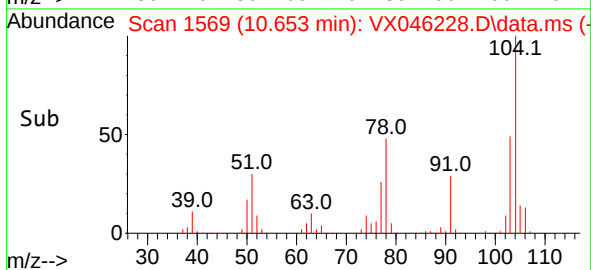
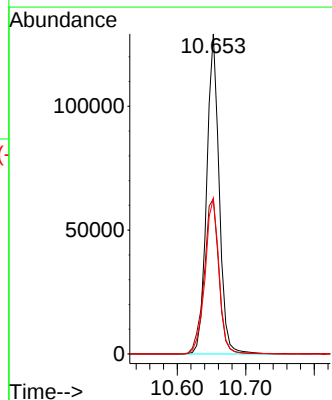
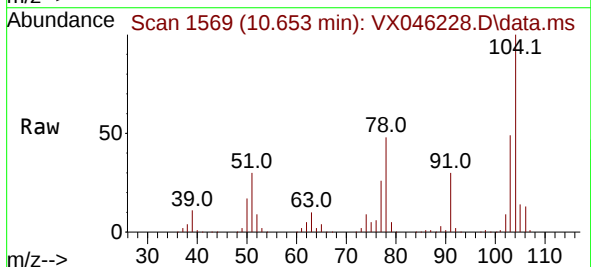
Manual Integrations
APPROVED

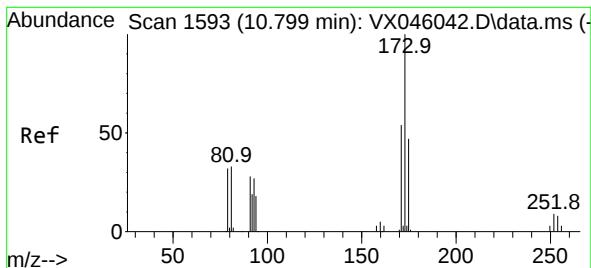
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#70
Styrene
Concen: 53.153 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Tgt Ion:104 Resp: 163876
Ion Ratio Lower Upper
104 100
78 57.2 45.7 68.5
103 54.7 43.7 65.5





#71

Bromoform

Concen: 52.835 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046228.D

Acq: 16 May 2025 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 4056

Ion Ratio Lower Upper

173 100

175 49.3 23.4 70.0

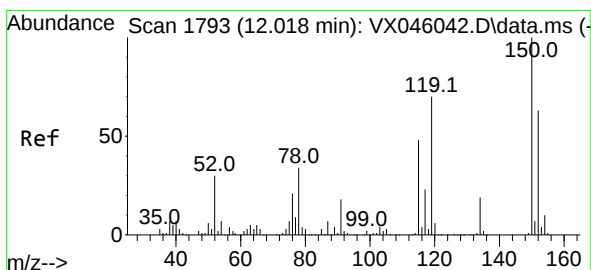
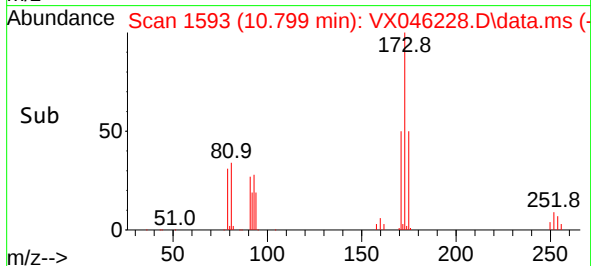
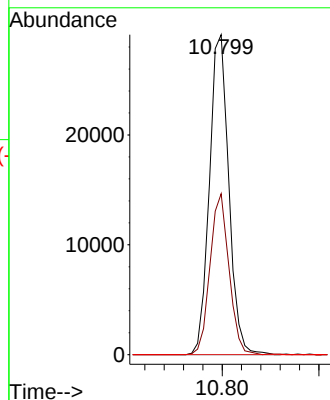
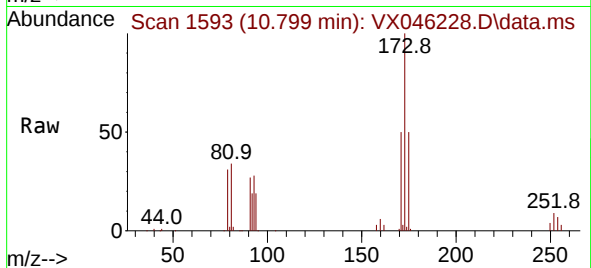
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX046228.D

Acq: 16 May 2025 09:22

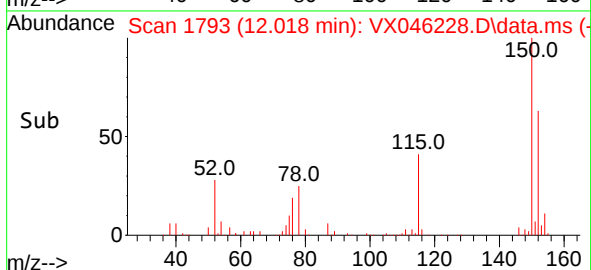
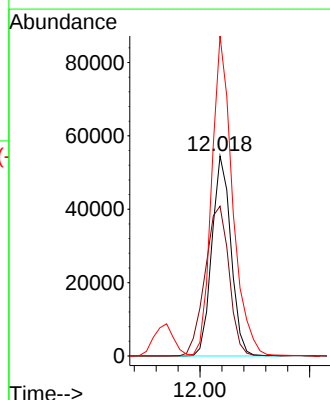
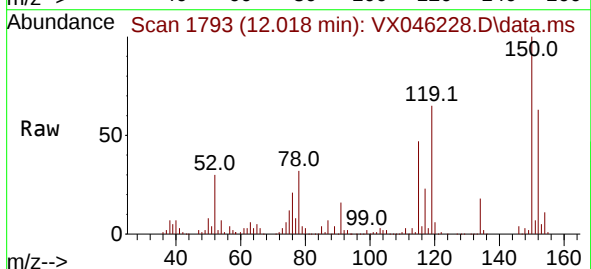
Tgt Ion:152 Resp: 65634

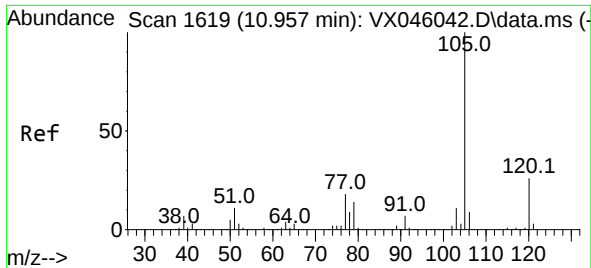
Ion Ratio Lower Upper

152 100

115 94.5 46.9 140.7

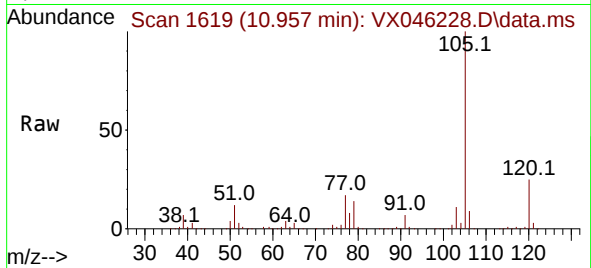
150 174.8 0.0 351.0





#73
Isopropylbenzene
Concen: 51.040 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

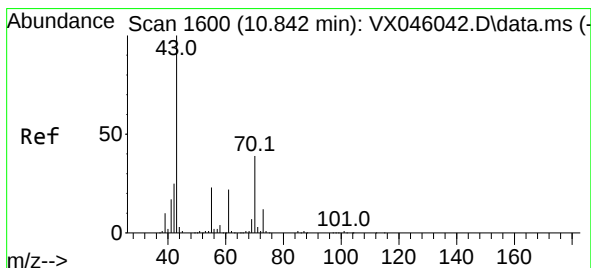
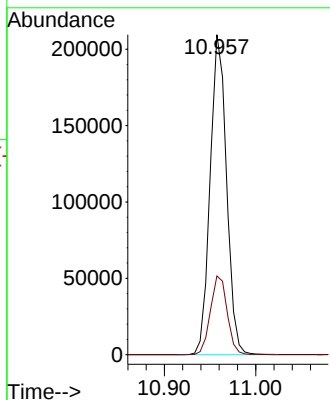
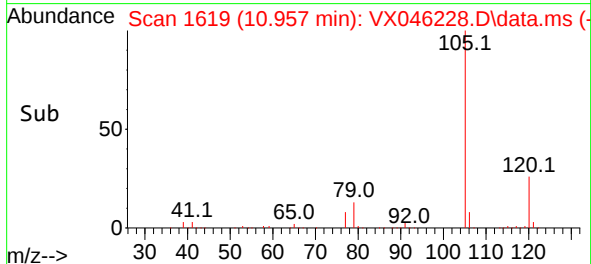
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



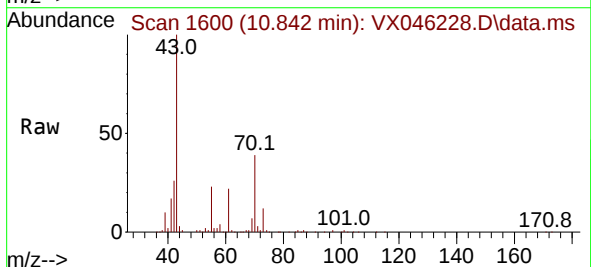
Tgt Ion:105 Resp: 260802
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4

Manual Integrations
APPROVED

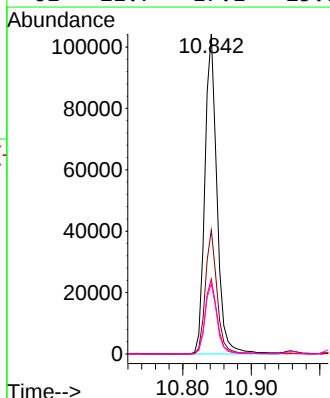
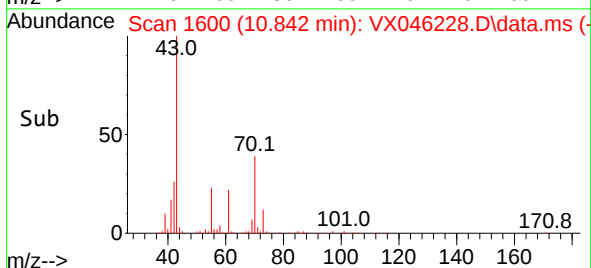
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

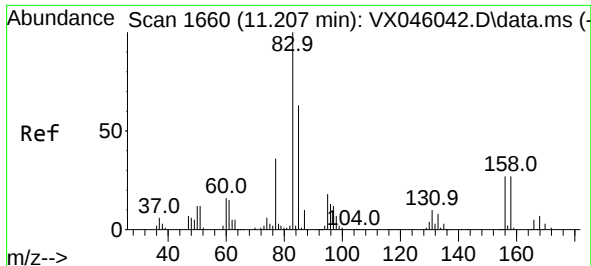


#74
N-ethyl acetate
Concen: 50.690 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



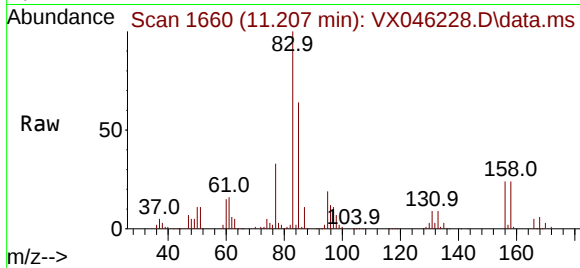
Tgt Ion: 43 Resp: 127992
Ion Ratio Lower Upper
43 100
70 37.6 30.9 46.3
55 23.5 18.7 28.1
61 21.7 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.516 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

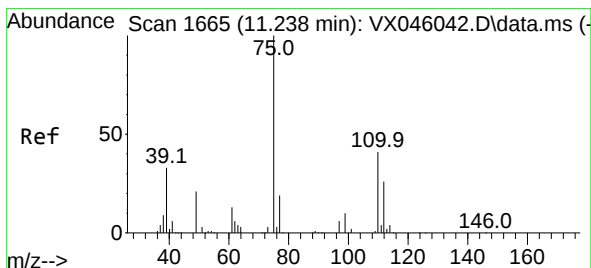
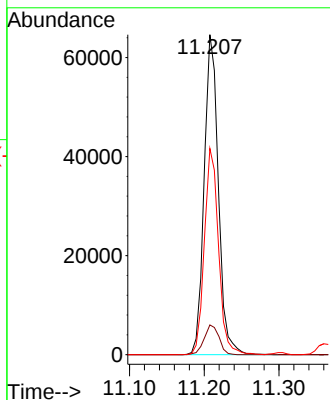
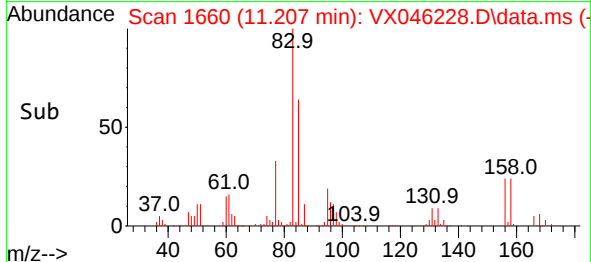
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



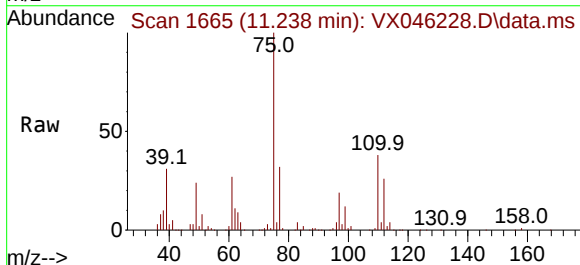
Tgt Ion: 83 Resp: 85085
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.4 31.9 95.7

Manual Integrations
APPROVED

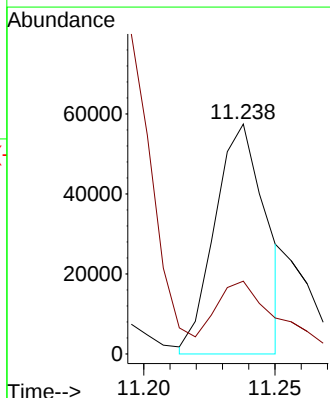
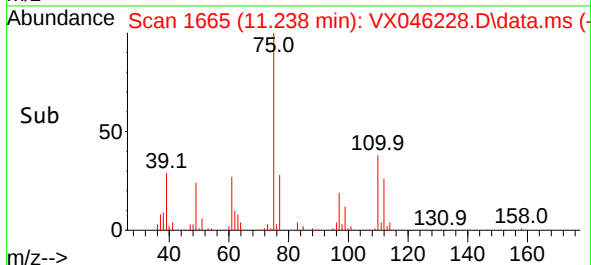
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#76
1,2,3-Trichloropropane
Concen: 49.003 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



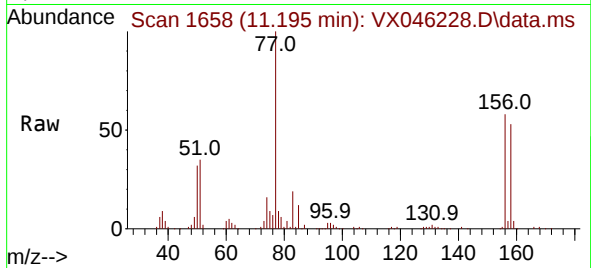
Tgt Ion: 75 Resp: 77417
Ion Ratio Lower Upper
75 100
77 39.5 20.5 61.5





#77
Bromobenzene
Concen: 49.210 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

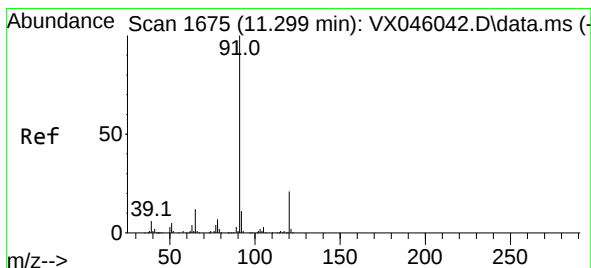
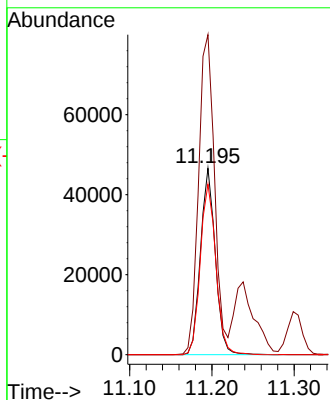
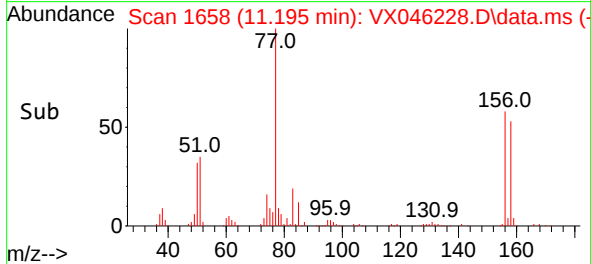
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



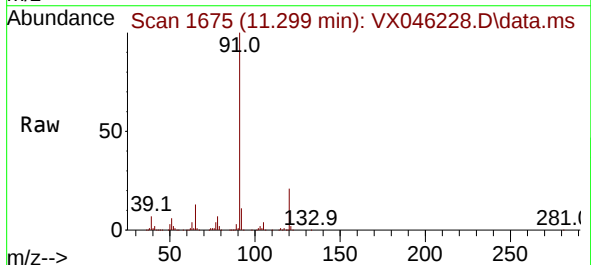
Tgt Ion:156 Resp: 58378
Ion Ratio Lower Upper
156 100
77 184.7 92.8 278.3
158 96.1 48.8 146.3

Manual Integrations
APPROVED

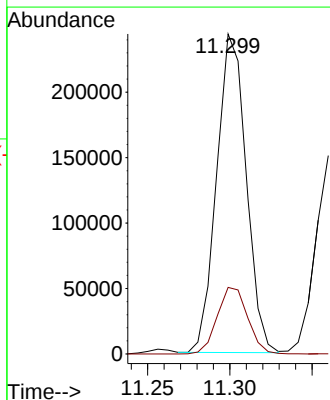
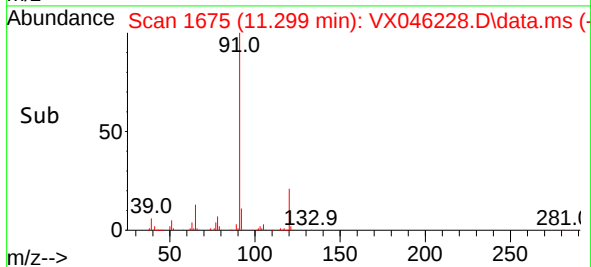
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#78
n-propylbenzene
Concen: 51.259 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



Tgt Ion: 91 Resp: 304551
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





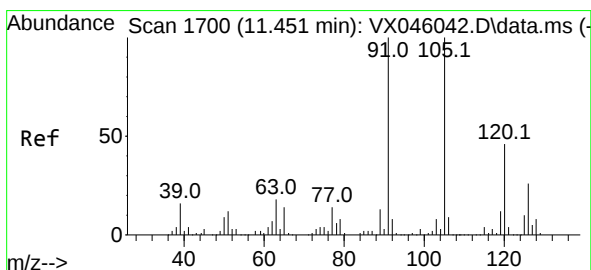
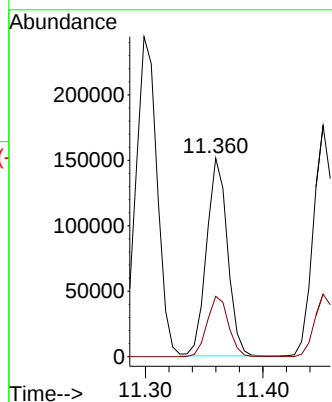
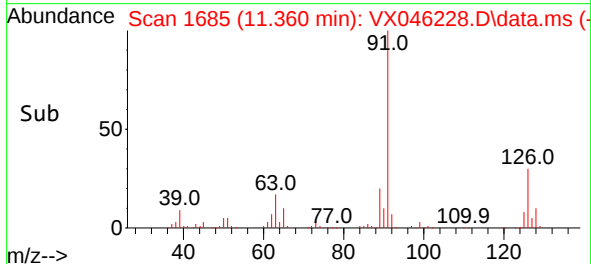
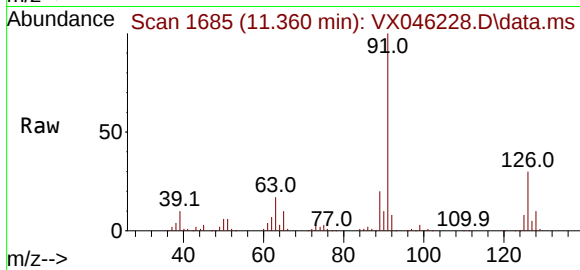
#79
2-Chlorotoluene
Concen: 48.665 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 186494
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7

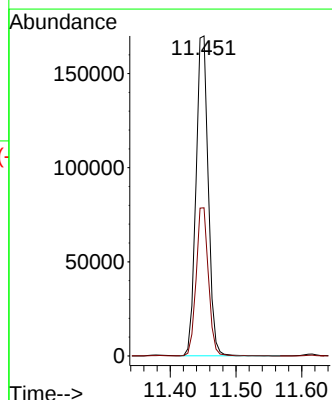
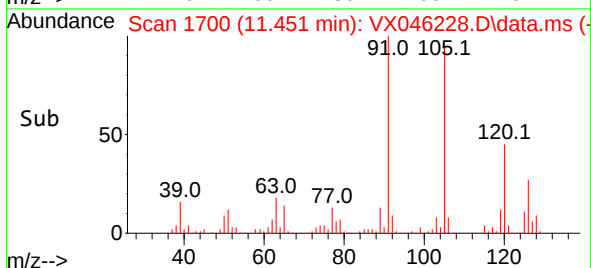
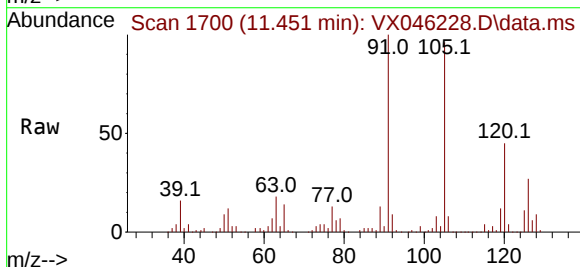
Manual Integrations
APPROVED

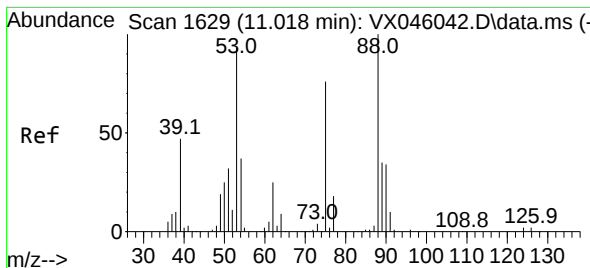
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.453 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

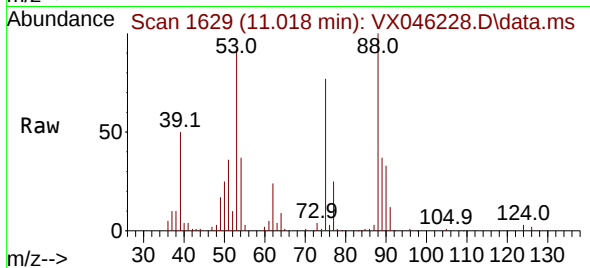
Tgt Ion:105 Resp: 219647
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.458 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

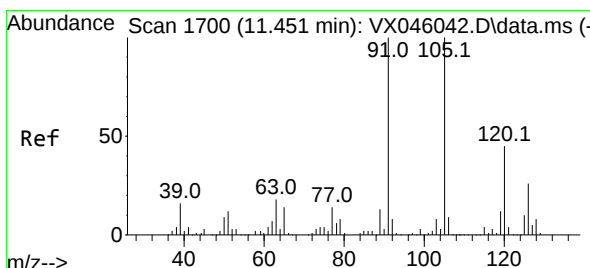
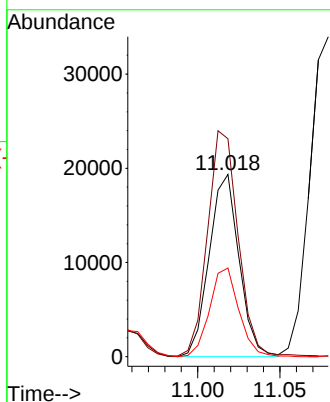
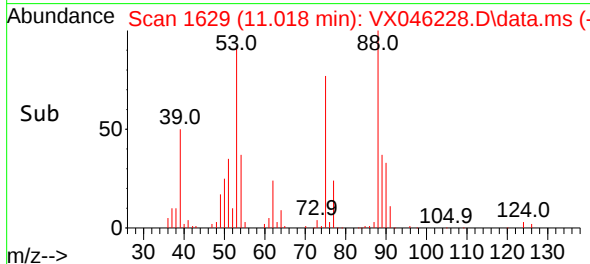
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



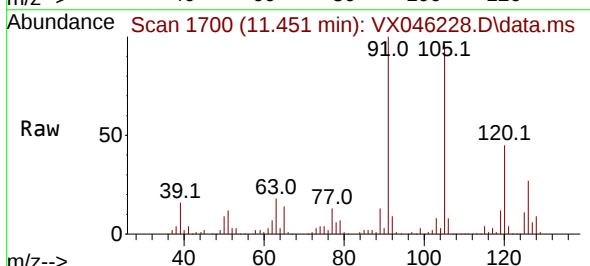
Tgt Ion: 75 Resp: 2448
Ion Ratio Lower Upper
75 100
53 126.3 100.5 150.7
89 47.6 37.0 55.6

Manual Integrations
APPROVED

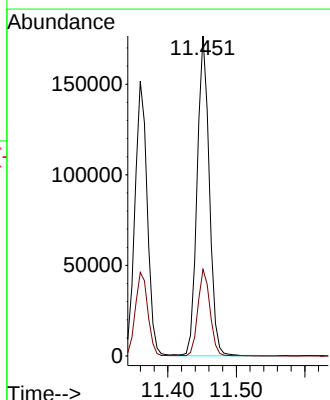
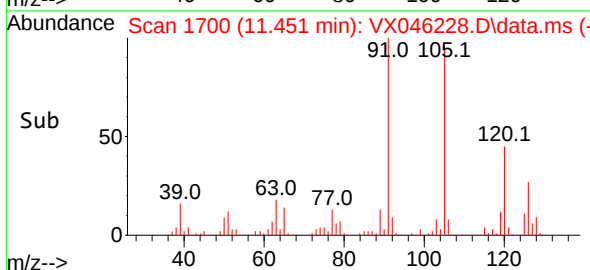
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

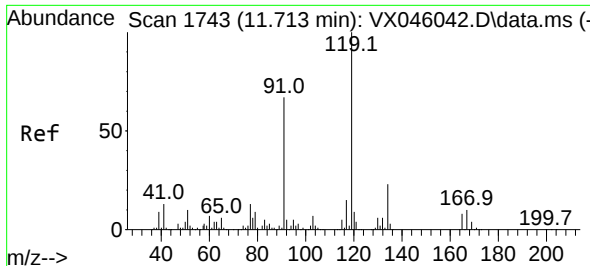


#82
4-Chlorotoluene
Concen: 51.243 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



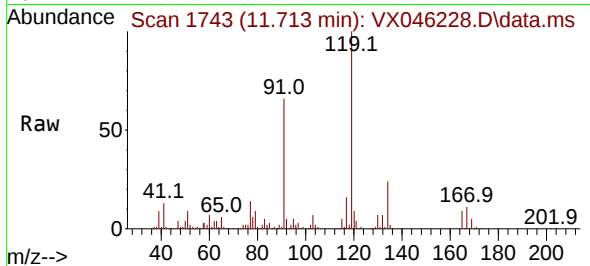
Tgt Ion: 91 Resp: 217774
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.8





#83
tert-Butylbenzene
Concen: 50.061 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

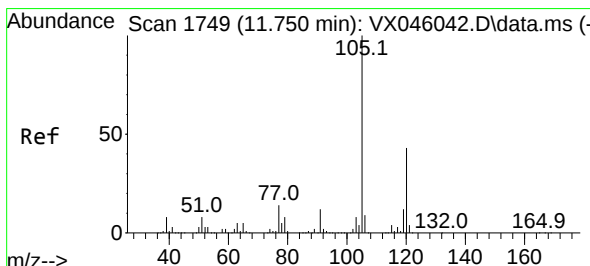
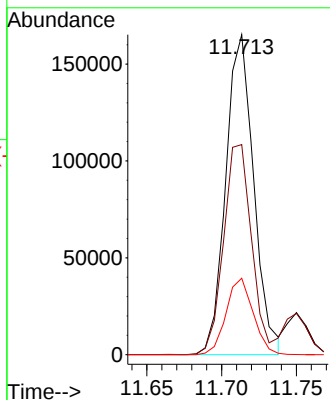
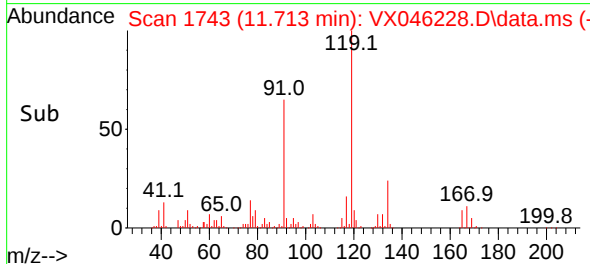
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



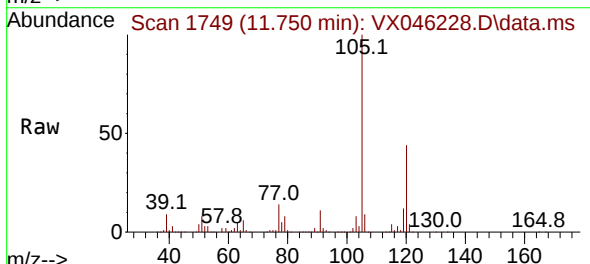
Tgt Ion:119 Resp: 21526
Ion Ratio Lower Upper
119 100
91 65.4 32.9 98.7
134 23.1 11.4 34.1

Manual Integrations
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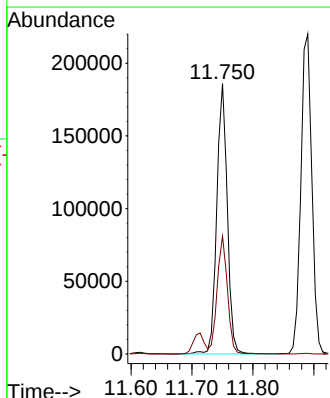
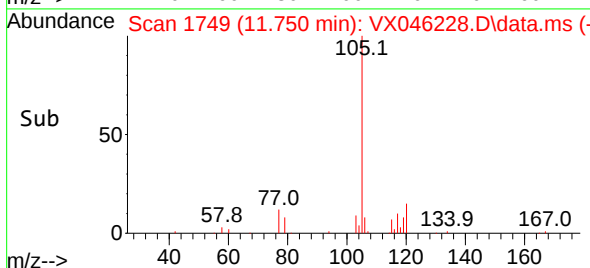
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

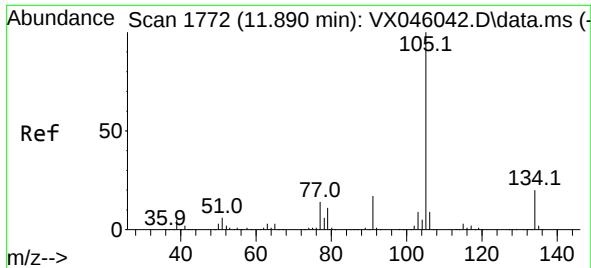


#84
1,2,4-Trimethylbenzene
Concen: 51.470 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



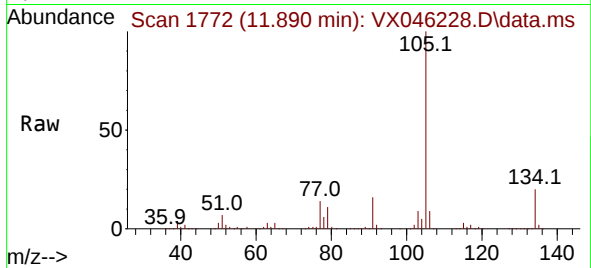
Tgt Ion:105 Resp: 222505
Ion Ratio Lower Upper
105 100
120 42.9 21.2 63.6





#85
sec-Butylbenzene
Concen: 51.818 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

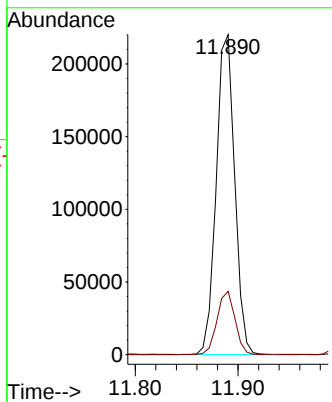
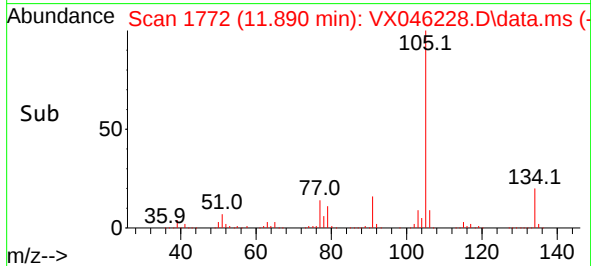
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 27358
Ion Ratio Lower Upper
105 100
134 19.4 9.7 29.1

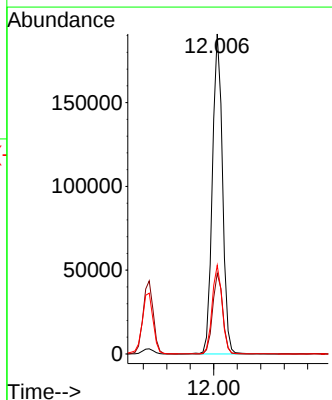
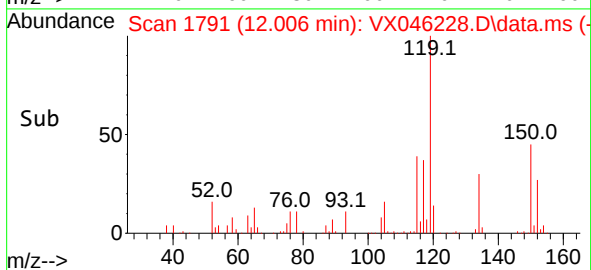
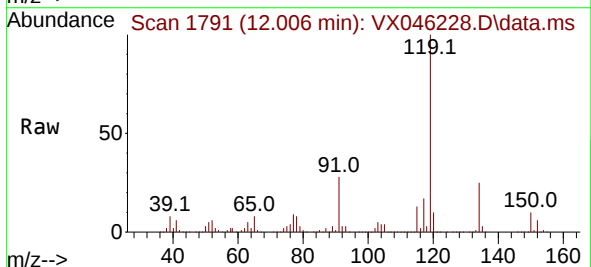
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#86
p-Isopropyltoluene
Concen: 52.332 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

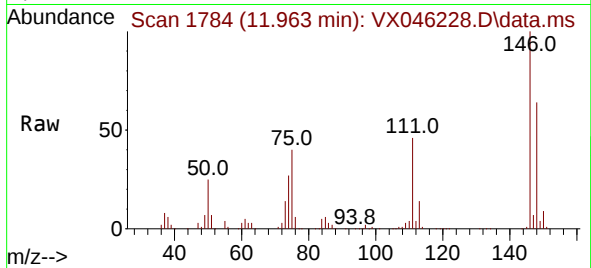
Tgt Ion:119 Resp: 228062
Ion Ratio Lower Upper
119 100
134 25.1 12.5 37.5
91 27.3 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 50.355 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

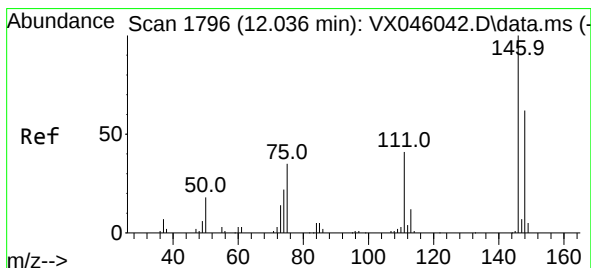
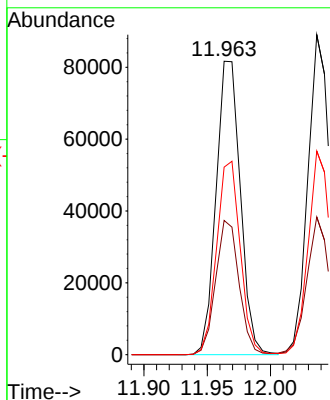
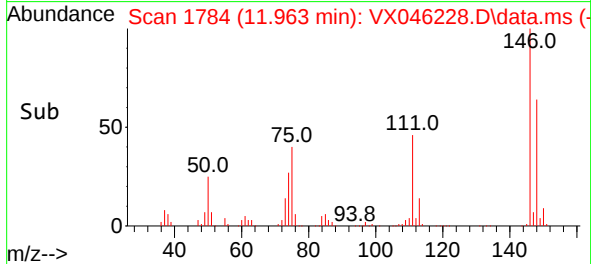
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



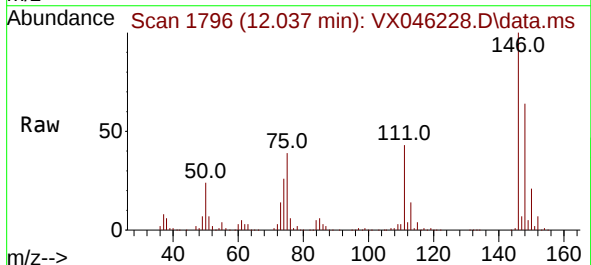
Tgt Ion:146 Resp: 10902
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.3
148 64.2 32.1 96.5

Manual Integrations
APPROVED

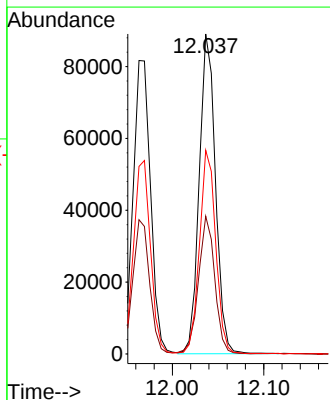
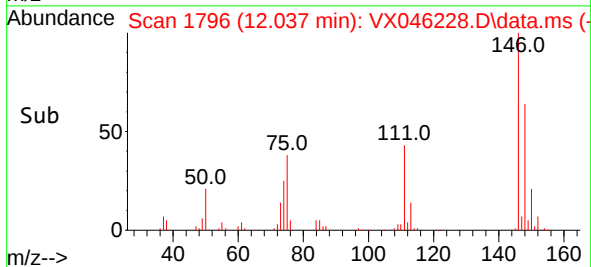
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#88
1,4-Dichlorobenzene
Concen: 49.659 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



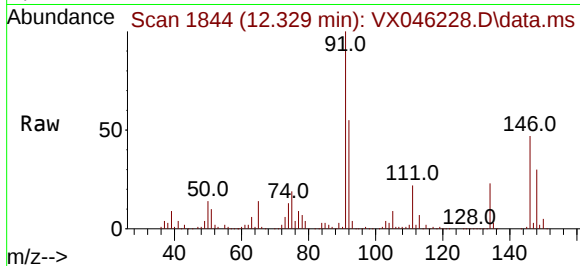
Tgt Ion:146 Resp: 109800
Ion Ratio Lower Upper
146 100
111 43.2 21.3 63.9
148 63.3 31.9 95.5





#89
n-Butylbenzene
Concen: 53.194 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

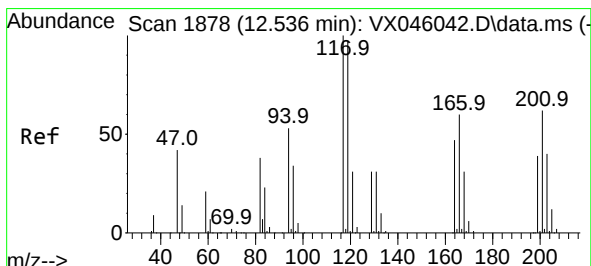
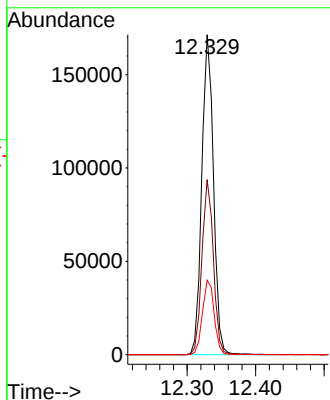
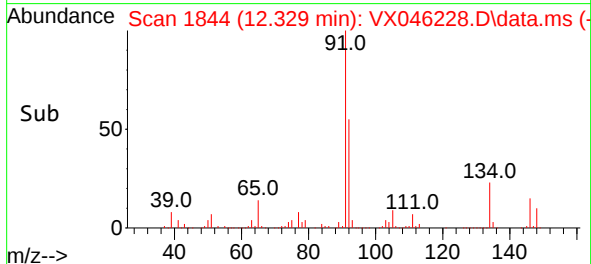
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 20334
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 23.5 11.8 35.3

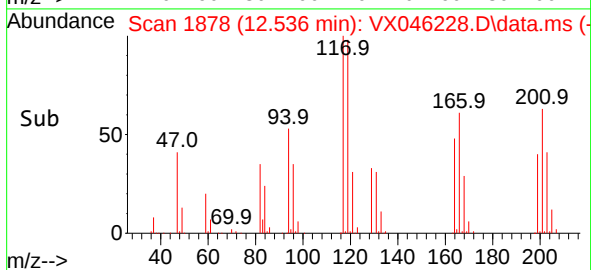
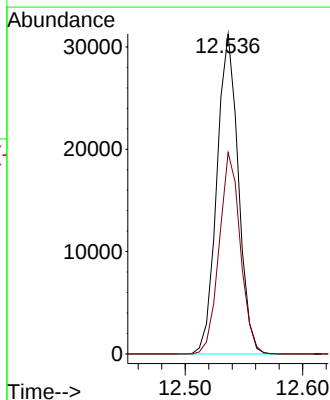
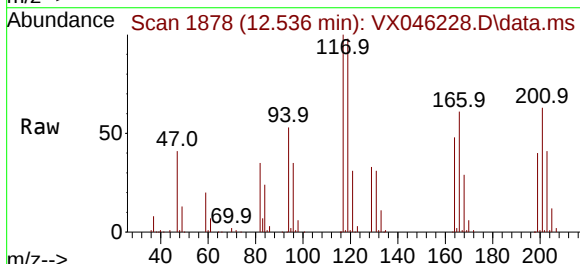
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#90
Hexachloroethane
Concen: 51.597 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

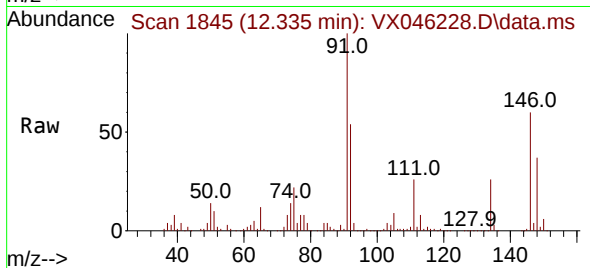
Tgt Ion:117 Resp: 39615
Ion Ratio Lower Upper
117 100
201 62.2 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 50.357 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

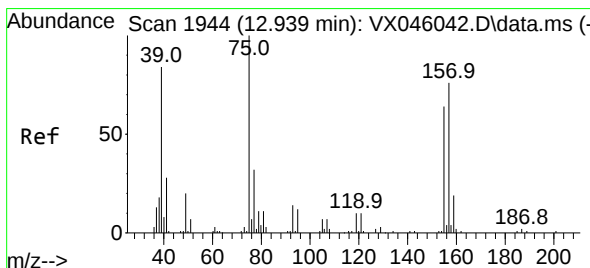
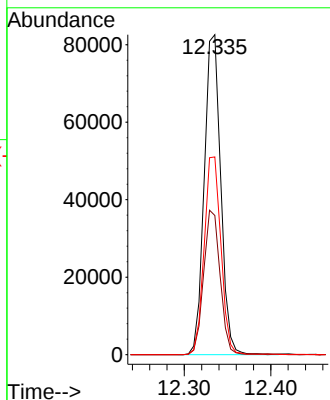
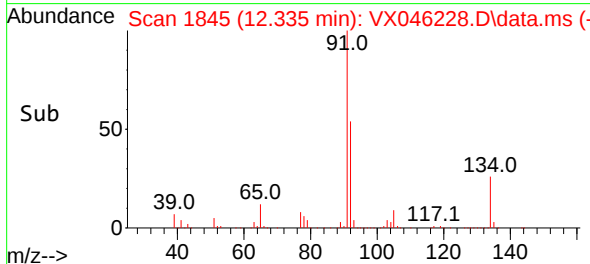
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



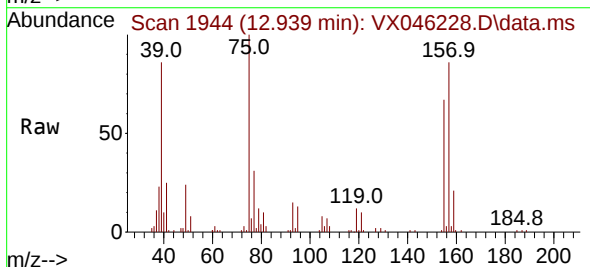
Tgt Ion:146 Resp: 10940
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.3
148 62.7 31.6 94.8

Manual Integrations
APPROVED

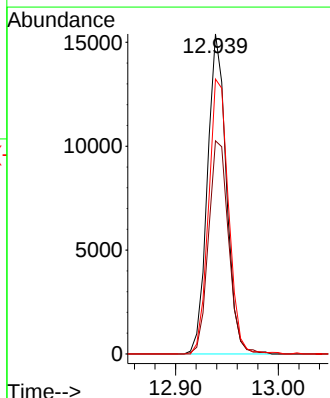
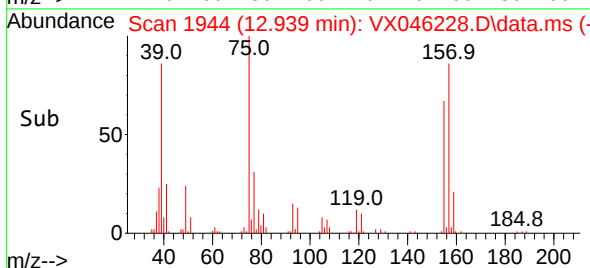
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.883 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



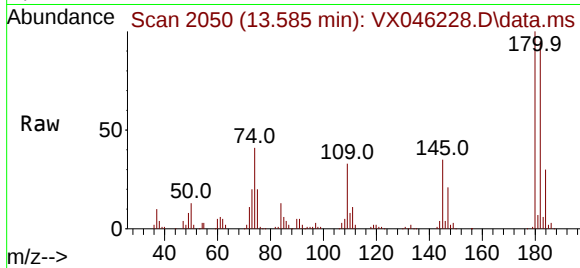
Tgt Ion: 75 Resp: 19788
Ion Ratio Lower Upper
75 100
155 70.4 34.9 104.8
157 90.0 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 50.558 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

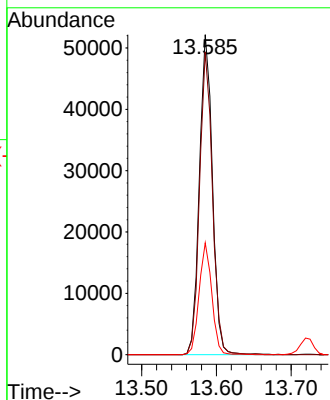
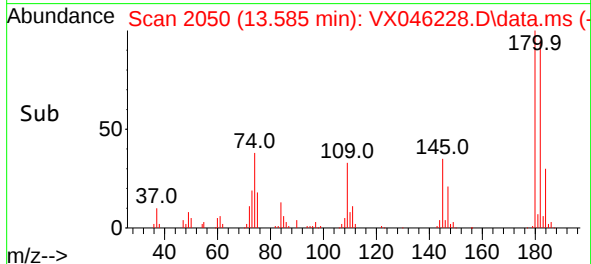
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



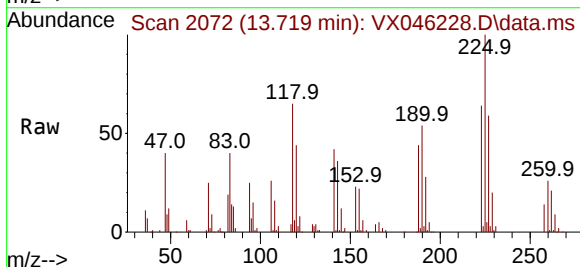
Tgt Ion:180 Resp: 63089
Ion Ratio Lower Upper
180 100
182 93.5 47.9 143.8
145 34.1 17.1 51.2

Manual Integrations
APPROVED

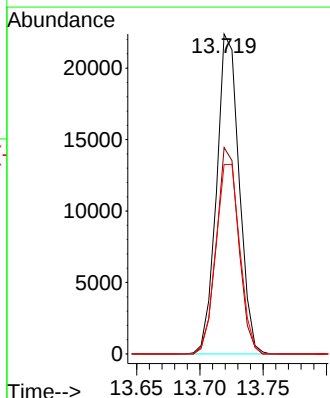
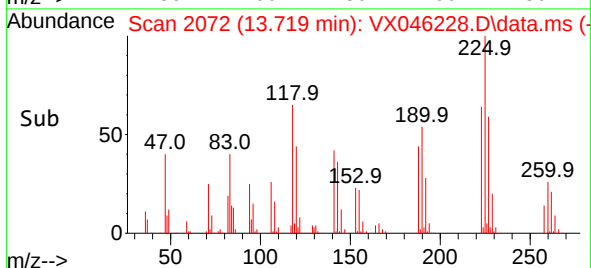
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#94
Hexachlorobutadiene
Concen: 50.738 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



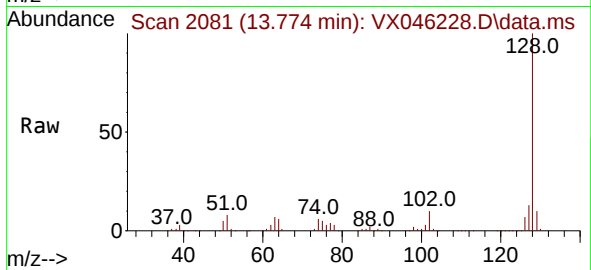
Tgt Ion:225 Resp: 27652
Ion Ratio Lower Upper
225 100
223 63.8 30.8 92.4
227 63.3 30.9 92.7





#95
Naphthalene
Concen: 48.350 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22

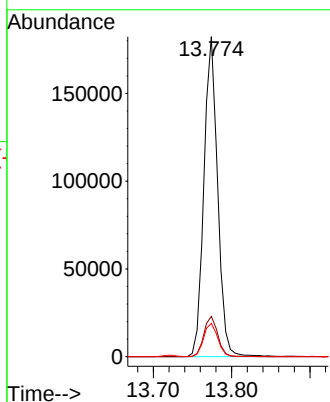
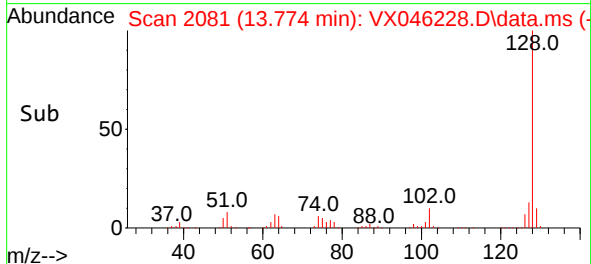
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



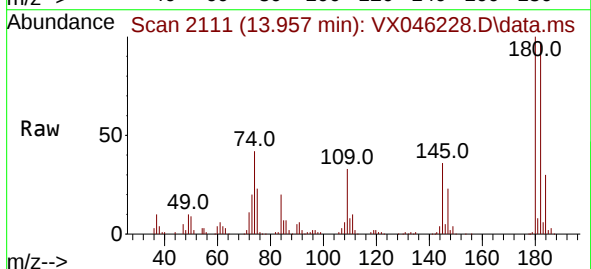
Tgt Ion:128 Resp: 22128
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.212 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046228.D
Acq: 16 May 2025 09:22



Tgt Ion:180 Resp: 63364
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 36.9 18.1 54.3

