

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046329.D
 Acq On : 22 May 2025 15:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:48:17 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	5.544	168	83301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80364	51.748	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.500%			
35) Dibromofluoromethane	5.379	113	56019	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	8.647	98	187252	50.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.900%			
62) 4-Bromofluorobenzene	11.079	95	74835	53.081	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63862	50.089	ug/l	100
3) Chloromethane	1.301	50	63074	51.014	ug/l	96
4) Vinyl Chloride	1.374	62	56480	49.083	ug/l	98
5) Bromomethane	1.593	94	25196	47.208	ug/l	97
6) Chloroethane	1.666	64	32060	52.189	ug/l	99
7) Trichlorofluoromethane	1.874	101	87742	51.593	ug/l	99
8) Diethyl Ether	2.136	74	29511	50.975	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	52684	50.059	ug/l	99
10) Methyl Iodide	2.447	142	62956	50.554	ug/l	99
11) Tert butyl alcohol	2.977	59	58623	268.920	ug/l	99
12) 1,1-Dichloroethene	2.307	96	49913	50.532	ug/l	97
13) Acrolein	2.233	56	78718	317.078	ug/l	98
14) Allyl chloride	2.654	41	99322	52.614	ug/l	98
15) Acrylonitrile	3.062	53	166599	267.269	ug/l	98
16) Acetone	2.386	43	160918	258.428	ug/l	99
17) Carbon Disulfide	2.502	76	102058	43.582	ug/l	98
18) Methyl Acetate	2.703	43	89930	62.238	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	186713	53.917	ug/l	98
20) Methylene Chloride	2.782	84	58490	49.017	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	49996	50.332	ug/l	99
22) Diisopropyl ether	3.757	45	199059	54.589	ug/l	97
23) Vinyl Acetate	3.721	43	870898	271.545	ug/l	100
24) 1,1-Dichloroethane	3.605	63	107679	53.018	ug/l	99
25) 2-Butanone	4.556	43	246151	272.292	ug/l	99
26) 2,2-Dichloropropane	4.465	77	70924	44.615	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	61779	51.663	ug/l	99
28) Bromochloromethane	4.891	49	51327	52.502	ug/l	98
29) Tetrahydrofuran	5.007	42	153376	270.759	ug/l	99
30) Chloroform	5.086	83	112146	52.976	ug/l	94
31) Cyclohexane	5.464	56	94176	50.885	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	96266	52.459	ug/l	100
36) 1,1-Dichloropropene	5.684	75	71946	50.426	ug/l	99
37) Ethyl Acetate	4.715	43	91053	51.653	ug/l	100
38) Carbon Tetrachloride	5.672	117	80079	49.953	ug/l	97
39) Methylcyclohexane	7.373	83	89542	48.748	ug/l	95
40) Benzene	6.031	78	217124	51.954	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52811	57.271	ug/l	99
42) 1,2-Dichloroethane	6.080	62	94417	52.347	ug/l	99
43) Isopropyl Acetate	6.336	43	147751	54.942	ug/l	99
44) Trichloroethene	7.123	130	50926	50.630	ug/l	90
45) 1,2-Dichloropropane	7.428	63	55068	52.992	ug/l	99
46) Dibromomethane	7.580	93	42314	51.628	ug/l	99
47) Bromodichloromethane	7.818	83	85785	53.142	ug/l	98
48) Methyl methacrylate	7.690	41	77428	56.377	ug/l	99
49) 1,4-Dioxane	7.659	88	27677	1061.351	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	498555	279.293	ug/l	99
52) Toluene	8.714	92	132376	51.658	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	76279	53.162	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83745	52.808	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	53487	52.935	ug/l	97
56) Ethyl methacrylate	9.116	69	91562	56.856	ug/l	98
57) 1,3-Dichloropropane	9.305	76	93920	51.756	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	225076	274.145	ug/l	98
59) 2-Hexanone	9.427	43	372552	282.098	ug/l	99
60) Dibromochloromethane	9.519	129	60531	54.548	ug/l	98
61) 1,2-Dibromoethane	9.604	107	55687	53.025	ug/l	99
64) Tetrachloroethene	9.269	164	43460	46.772	ug/l	94
65) Chlorobenzene	10.073	112	142632	49.621	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	49601	50.535	ug/l	98
67) Ethyl Benzene	10.189	91	263211	51.948	ug/l	100
68) m/p-Xylenes	10.299	106	190512	102.805	ug/l	97
69) o-Xylene	10.640	106	94237	52.162	ug/l	97
70) Styrene	10.653	104	161179	54.462	ug/l	100
71) Bromoform	10.799	173	38680	52.490	ug/l #	99
73) Isopropylbenzene	10.957	105	252498	51.397	ug/l	100
74) N-amyl acetate	10.842	43	132931	54.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	86685	50.352	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	76808m	50.568	ug/l	
77) Bromobenzene	11.195	156	56794	49.796	ug/l	98
78) n-propylbenzene	11.299	91	294243	51.512	ug/l	99
79) 2-Chlorotoluene	11.360	91	183473	49.797	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	215594	52.530	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23051	49.409	ug/l	98
82) 4-Chlorotoluene	11.451	91	210721	51.573	ug/l	99
83) tert-Butylbenzene	11.713	119	213903	51.741	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	217118	52.239	ug/l	100
85) sec-Butylbenzene	11.890	105	265165	52.239	ug/l	99
86) p-Isopropyltoluene	12.006	119	217288	51.860	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	105837	50.846	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	105661	49.704	ug/l	100
89) n-Butylbenzene	12.329	91	192919	52.492	ug/l	99
90) Hexachloroethane	12.536	117	37648	51.003	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	107862	51.638	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20187	52.931	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	60193	50.173	ug/l	99
94) Hexachlorobutadiene	13.725	225	25036	47.782	ug/l	95
95) Naphthalene	13.774	128	227854	51.783	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63220	51.070	ug/l	99

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Response via : Initial Calibration

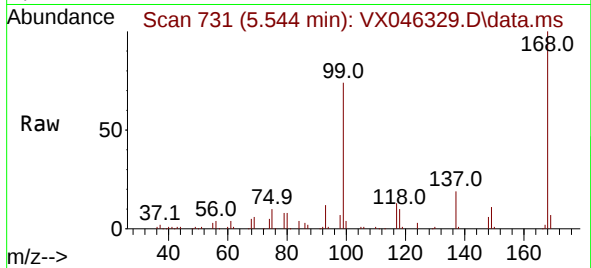
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

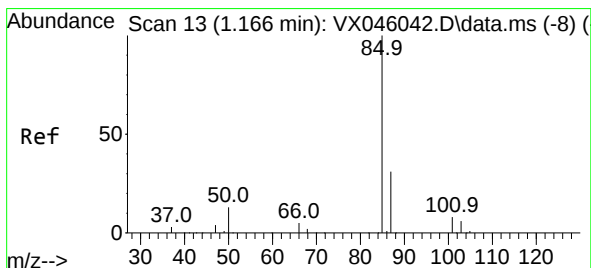
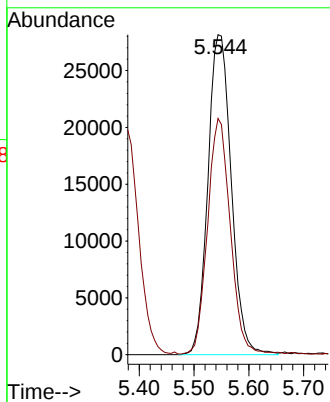
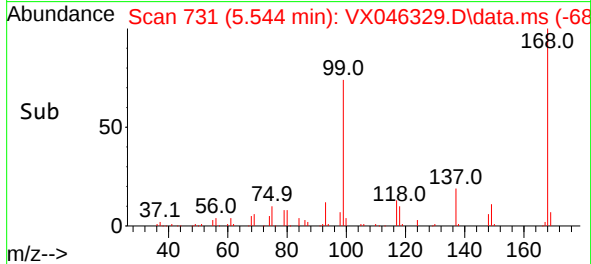
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 8330
Ion Ratio Lower Upper
168 100
99 73.5 54.9 82.3

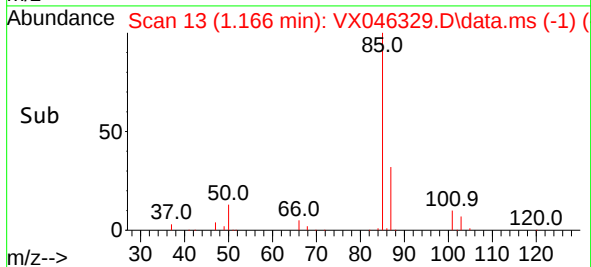
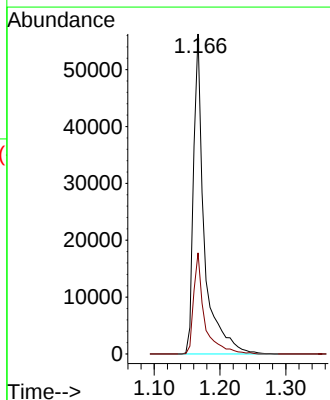
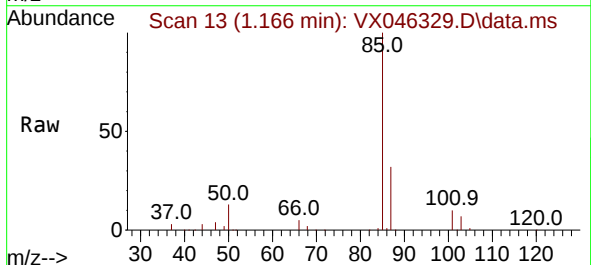
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#2
Dichlorodifluoromethane
Concen: 50.089 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 85 Resp: 63862
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.1





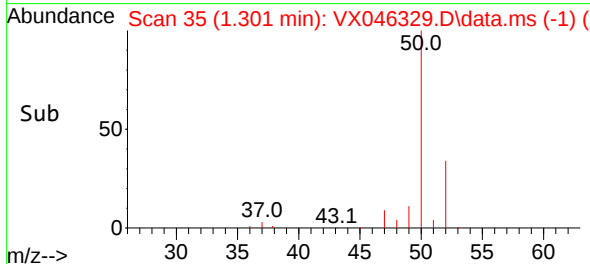
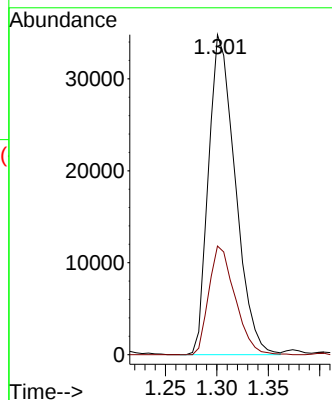
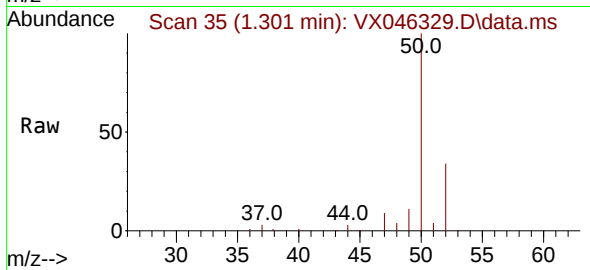
#3
Chloromethane
Concen: 51.014 ug/l
RT: 1.301 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 63074
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

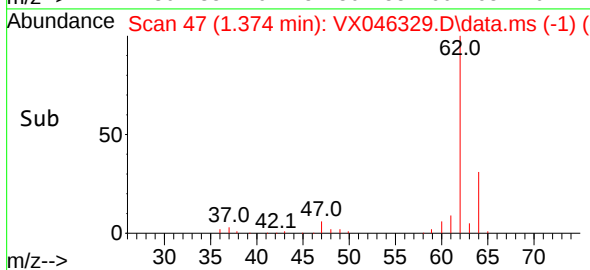
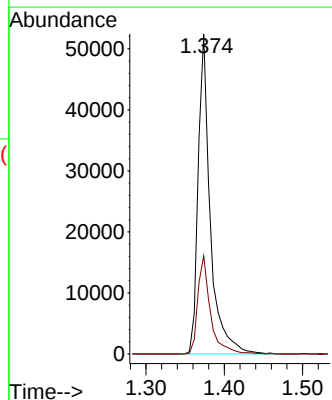
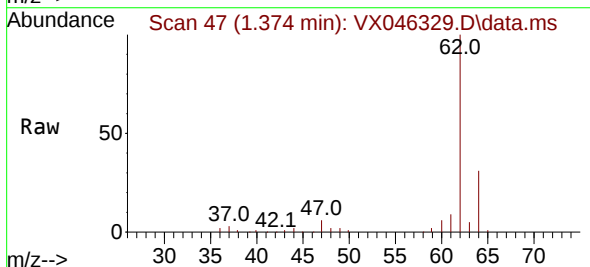
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#4
Vinyl Chloride
Concen: 49.083 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

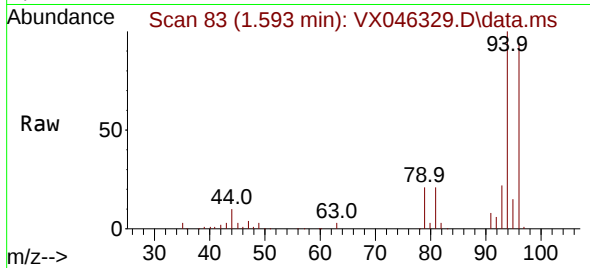
Tgt Ion: 62 Resp: 56480
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8





#5
Bromomethane
Concen: 47.208 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

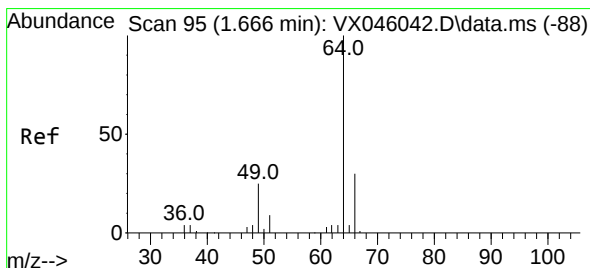
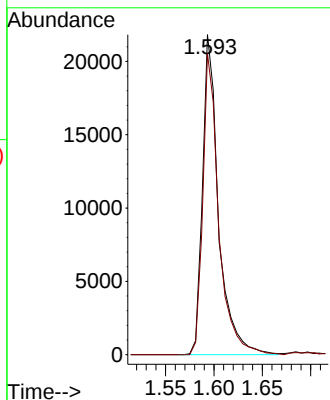
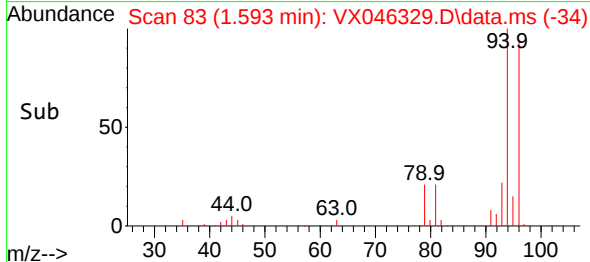
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 25190
Ion Ratio Lower Upper
94 100
96 94.1 72.8 109.2

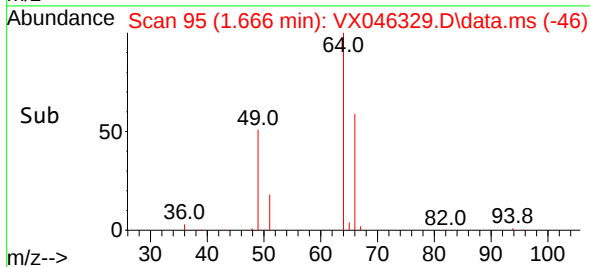
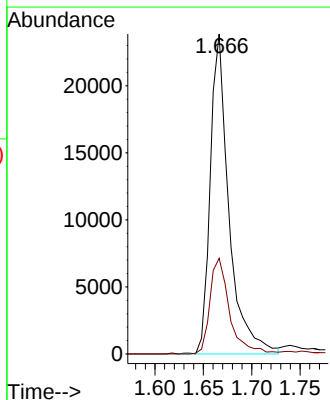
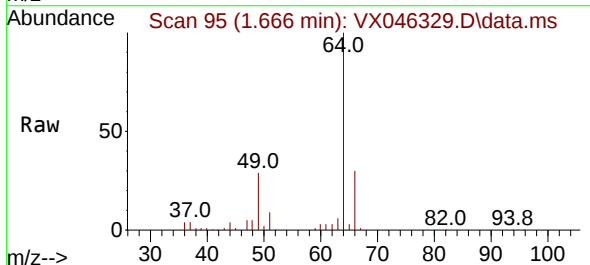
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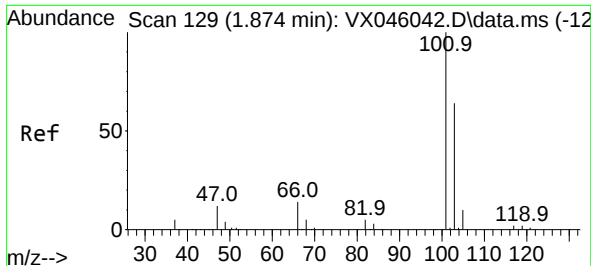
Reviewed By :John Carlone 05/23/2025
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#6
Chloroethane
Concen: 52.189 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

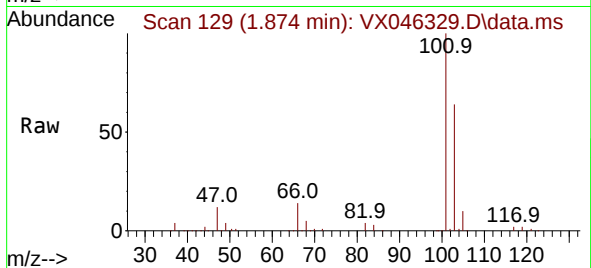
Tgt Ion: 64 Resp: 32060
Ion Ratio Lower Upper
64 100
66 29.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 51.593 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

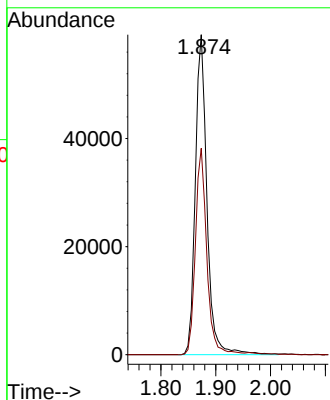
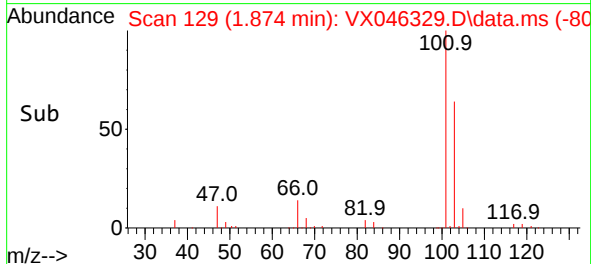
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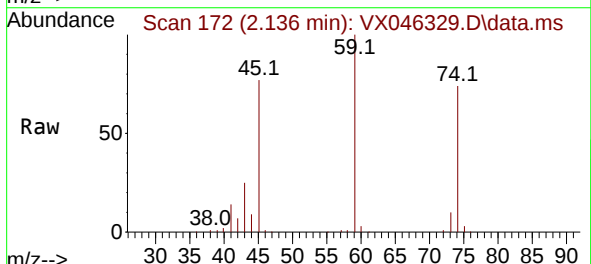
Tgt Ion:101 Resp: 8774
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4

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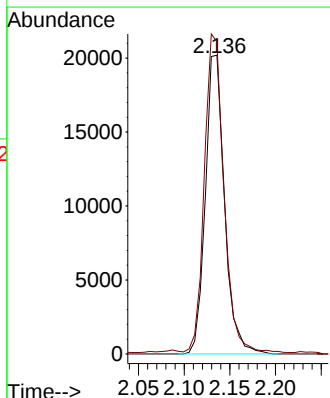
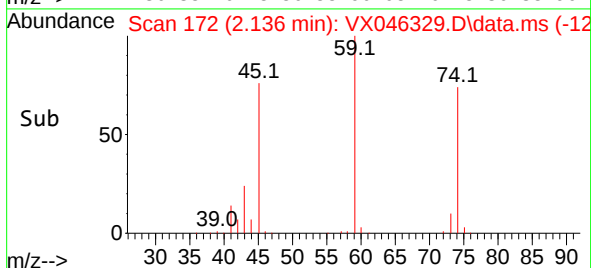
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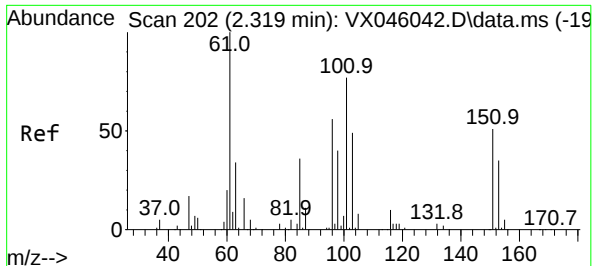


#8
Diethyl Ether
Concen: 50.975 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



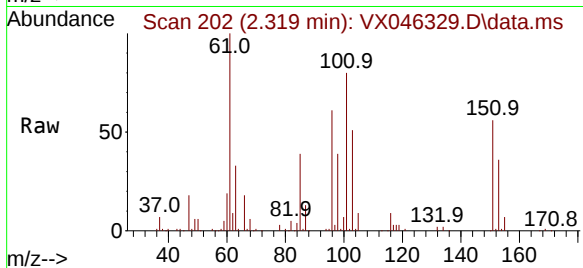
Tgt Ion: 74 Resp: 29511
Ion Ratio Lower Upper
74 100
45 108.3 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.059 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

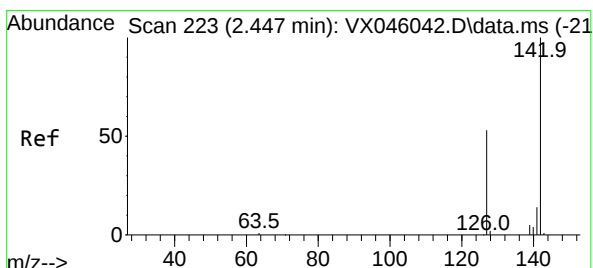
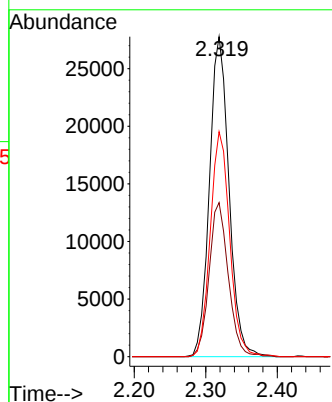
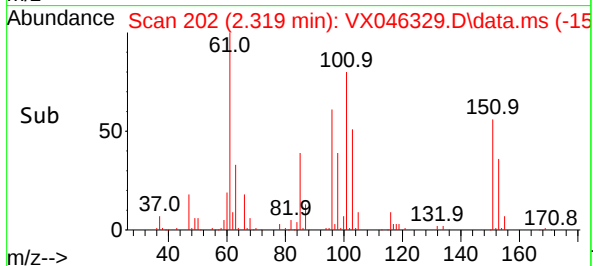
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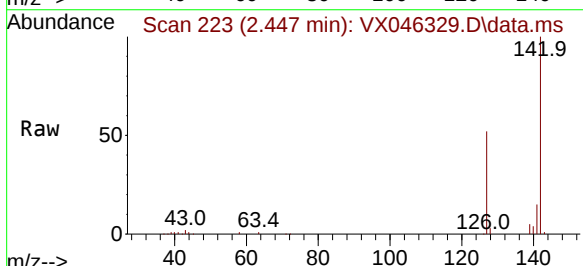
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Ion Ratio Lower Upper
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151 70.1 55.2 82.8

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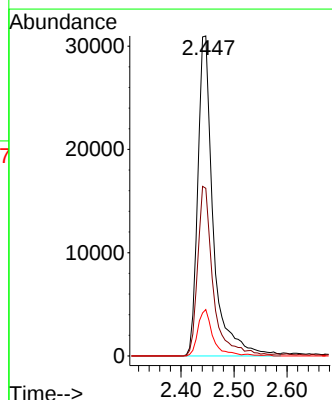
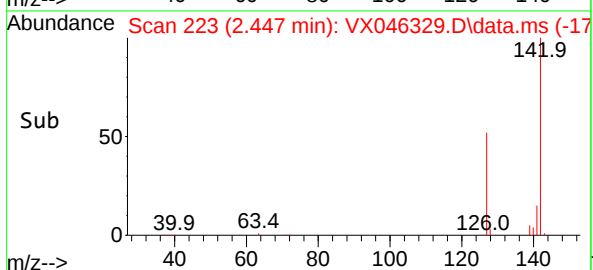
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Supervised By :Mahesh Dadoda 05/23/2025



#10
Methyl Iodide
Concen: 50.554 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



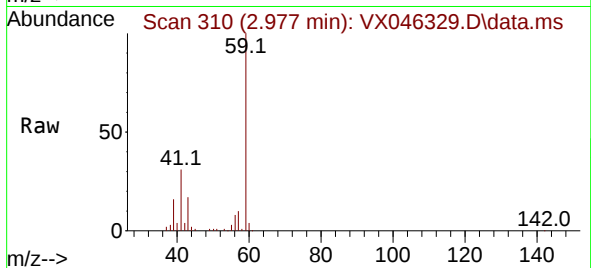
Tgt Ion:142 Resp: 62956
Ion Ratio Lower Upper
142 100
127 53.1 41.7 62.5
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 268.920 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

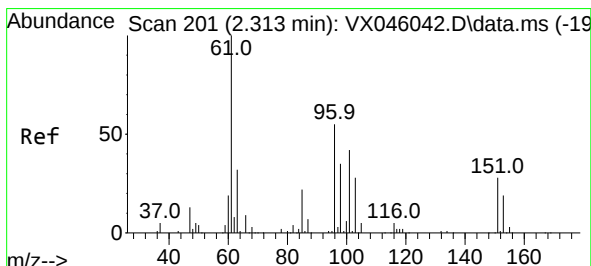
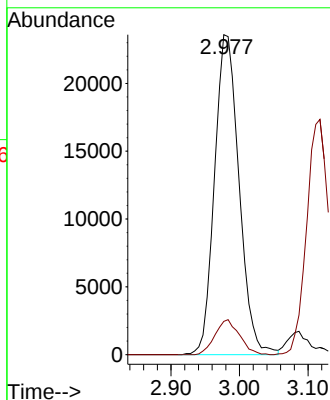
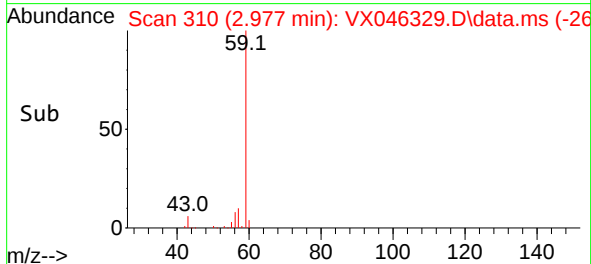
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



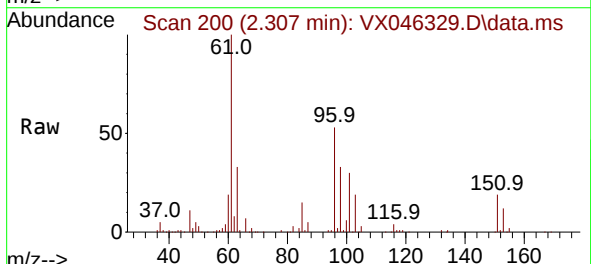
Tgt Ion: 59 Resp: 5862
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
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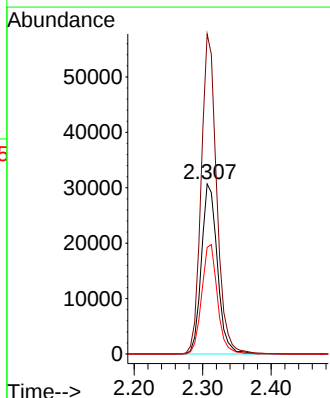
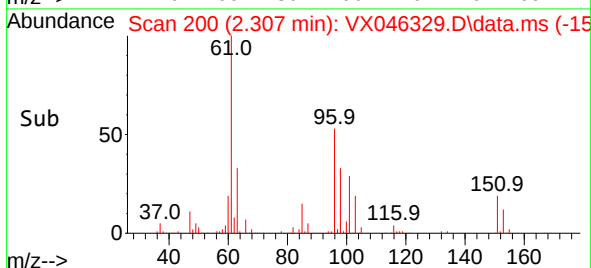
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#12
1,1-Dichloroethene
Concen: 50.532 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



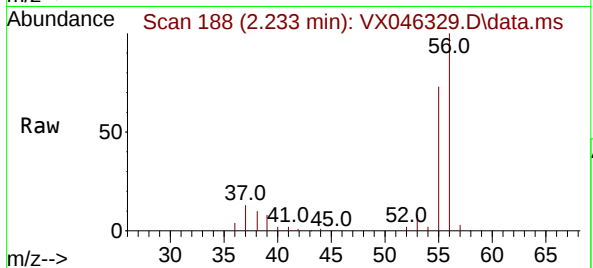
Tgt Ion: 96 Resp: 49913
Ion Ratio Lower Upper
96 100
61 188.1 146.2 219.2
98 62.6 51.0 76.6





#13
Acrolein
Concen: 317.078 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

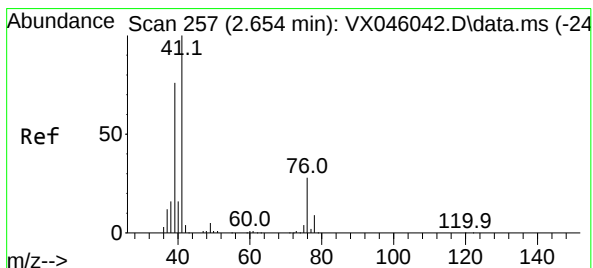
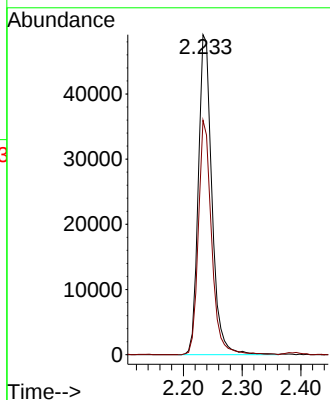
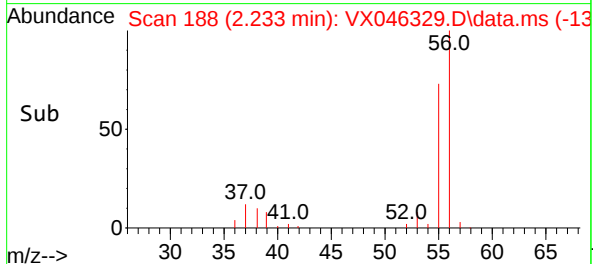
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 78718
Ion Ratio Lower Upper
56 100
55 71.6 56.2 84.4

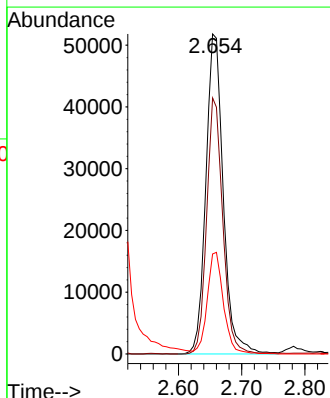
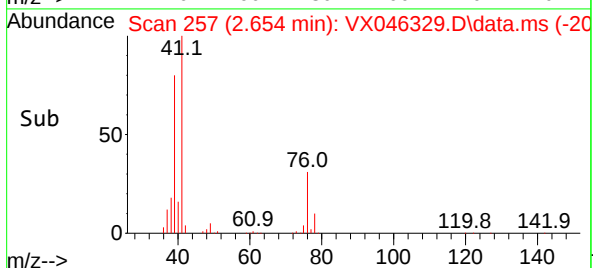
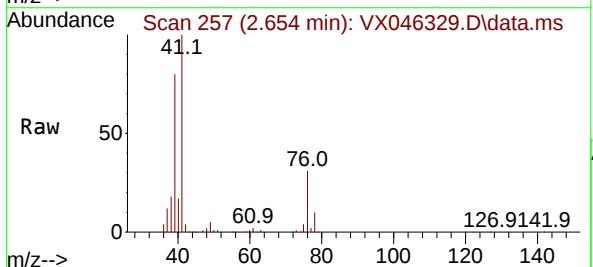
Manual Integrations
APPROVED

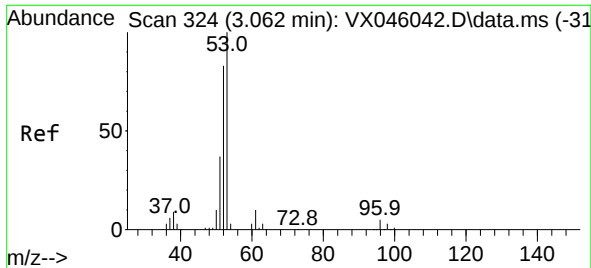
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#14
Allyl chloride
Concen: 52.614 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

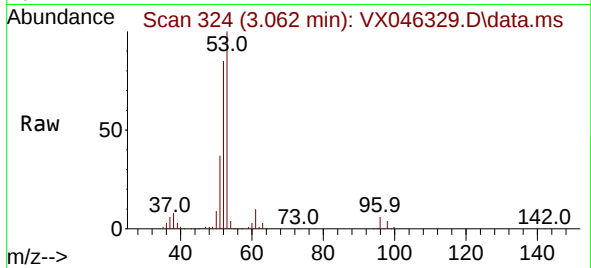
Tgt Ion: 41 Resp: 99322
Ion Ratio Lower Upper
41 100
39 73.9 60.6 90.8
76 29.6 24.9 37.3





#15
Acrylonitrile
Concen: 267.269 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

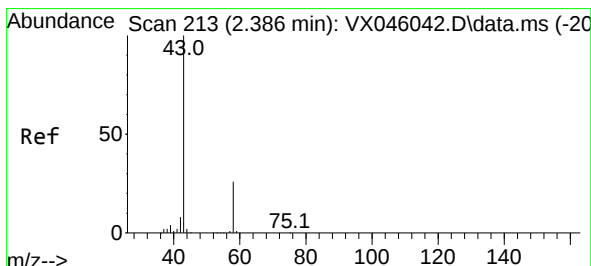
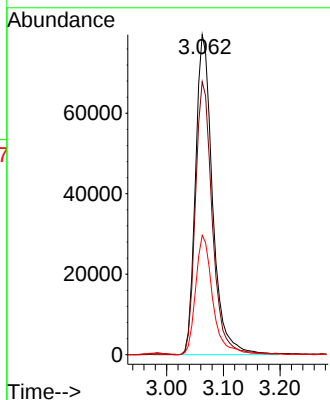
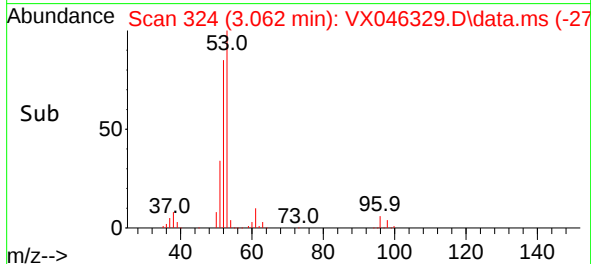
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 166599
Ion Ratio Lower Upper
53 100
52 84.4 65.3 97.9
51 37.8 29.8 44.8

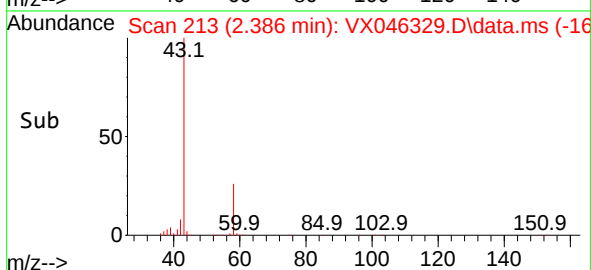
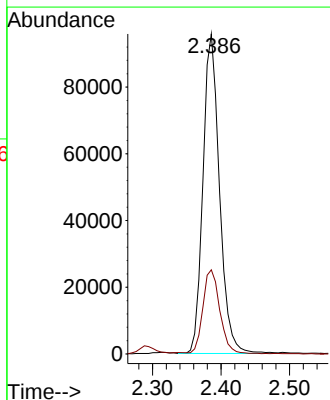
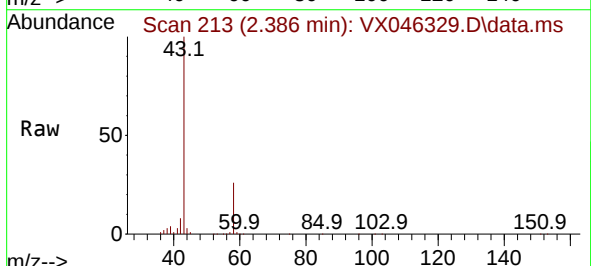
Manual Integrations
APPROVED

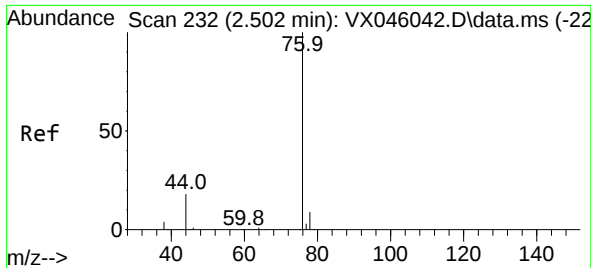
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#16
Acetone
Concen: 258.428 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 43 Resp: 160918
Ion Ratio Lower Upper
43 100
58 26.2 21.2 31.8





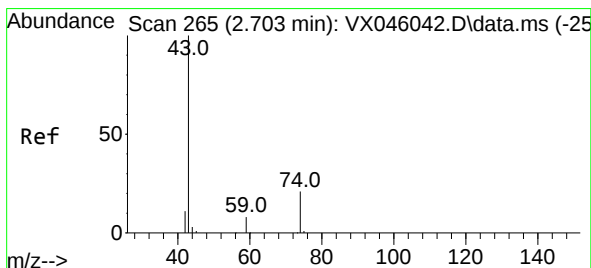
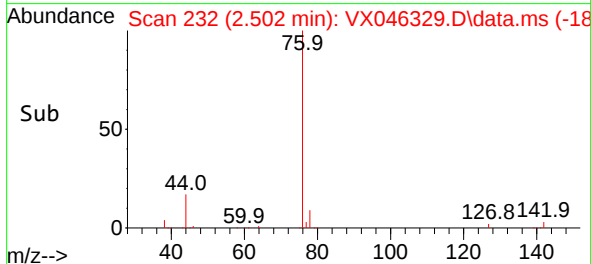
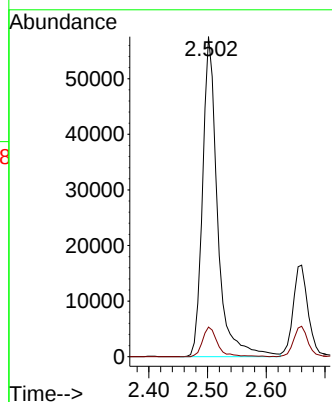
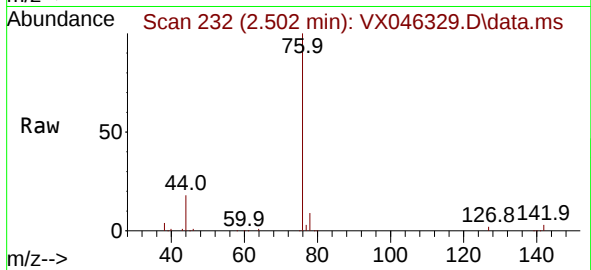
#17
Carbon Disulfide
Concen: 43.582 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 102058
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

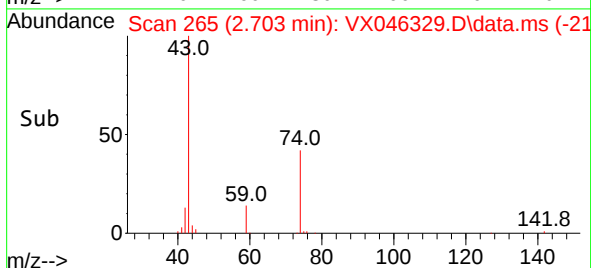
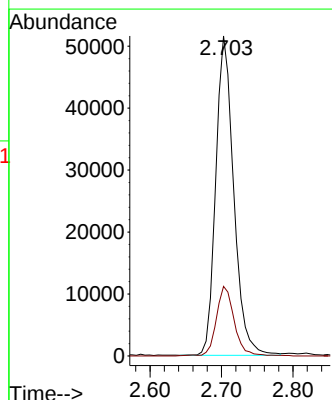
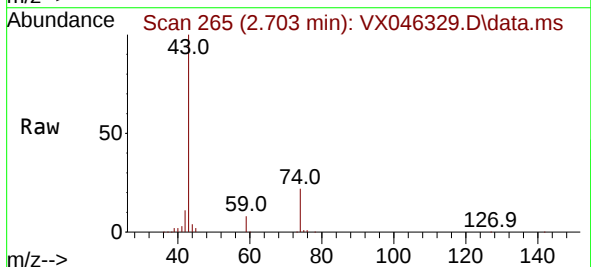
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#18
Methyl Acetate
Concen: 62.238 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 43 Resp: 89930
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1





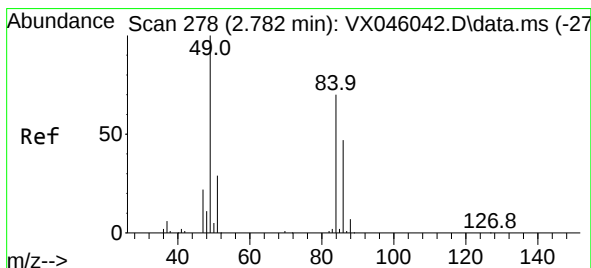
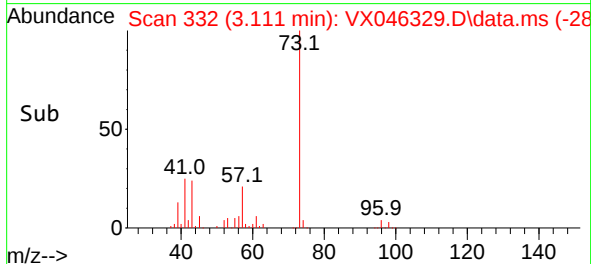
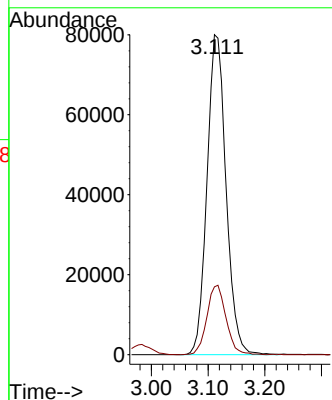
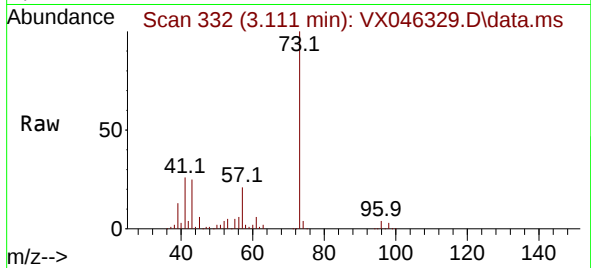
#19
Methyl tert-butyl Ether
Concen: 53.917 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 18671
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

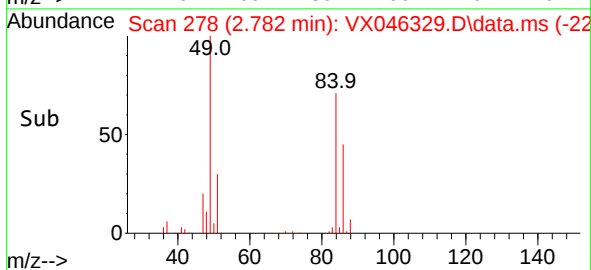
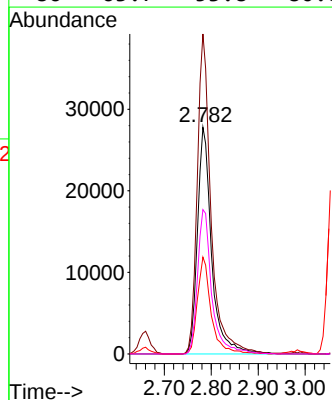
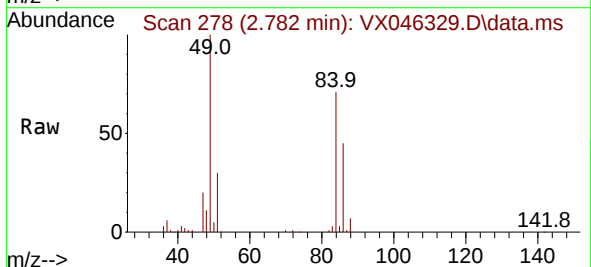
Manual Integrations
APPROVED

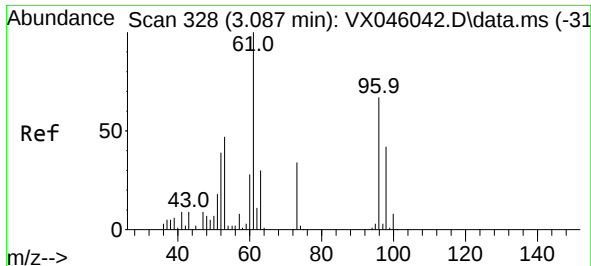
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#20
Methylene Chloride
Concen: 49.017 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

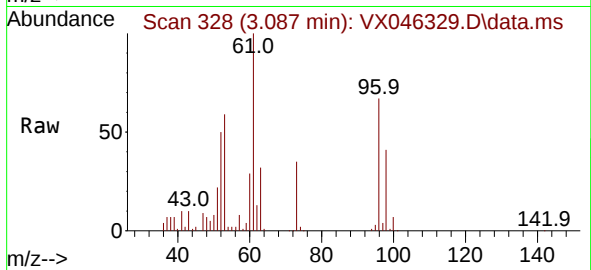
Tgt Ion: 84 Resp: 58490
Ion Ratio Lower Upper
84 100
49 141.2 113.9 170.9
51 42.7 33.5 50.3
86 63.7 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 50.332 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

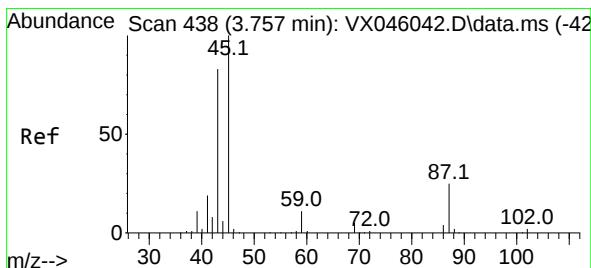
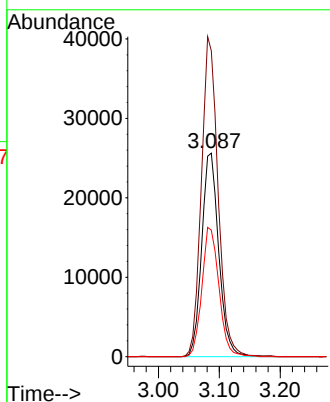
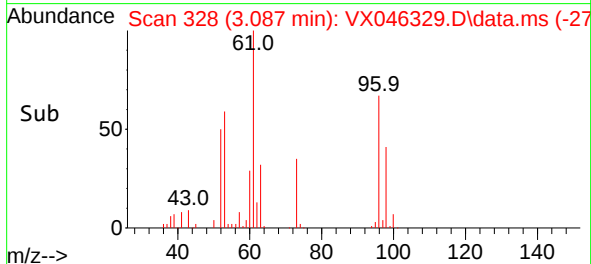
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



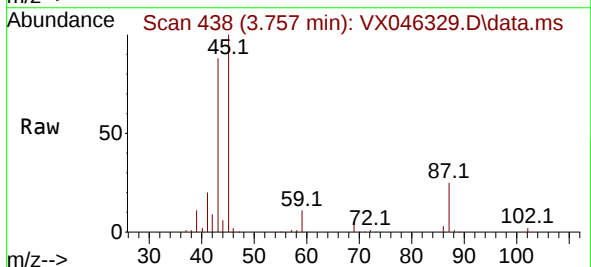
Tgt Ion: 96 Resp: 49990
Ion Ratio Lower Upper
96 100
61 150.2 119.5 179.3
98 62.2 50.0 75.0

Manual Integrations
APPROVED

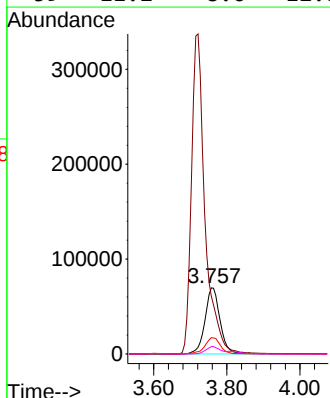
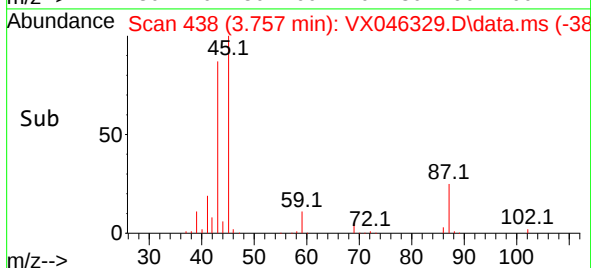
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

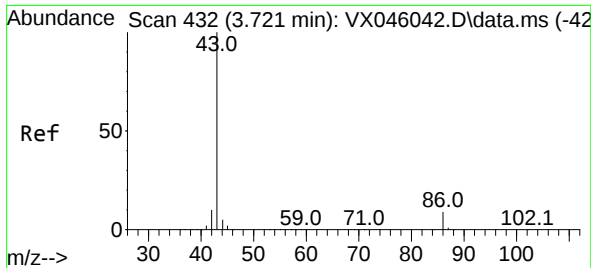


#22
Diisopropyl ether
Concen: 54.589 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



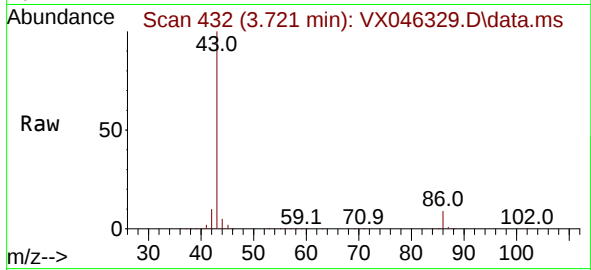
Tgt Ion: 45 Resp: 199059
Ion Ratio Lower Upper
45 100
43 87.4 66.6 100.0
87 24.8 19.8 29.6
59 11.2 8.6 12.8





#23
 Vinyl Acetate
 Concen: 271.545 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046329.D
 Acq: 22 May 2025 15:06

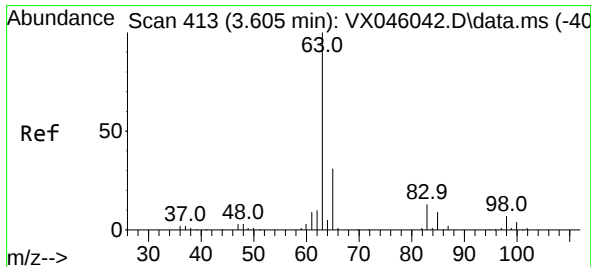
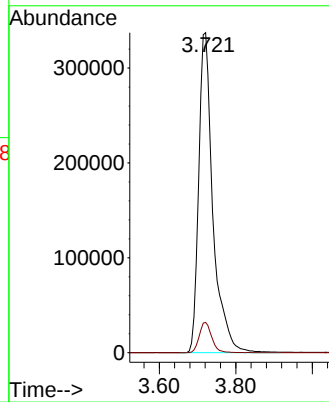
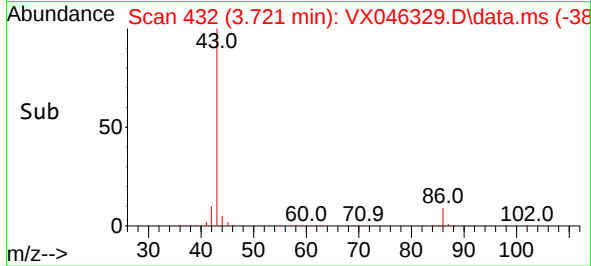
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



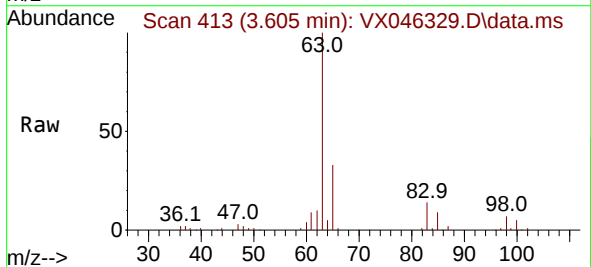
Tgt Ion: 43 Resp: 870898
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

Manual Integrations
 APPROVED

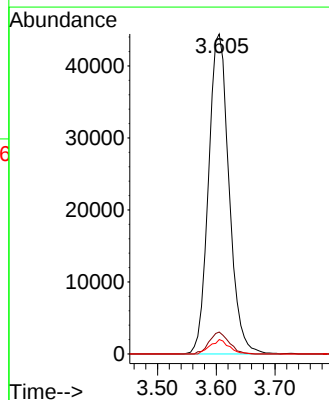
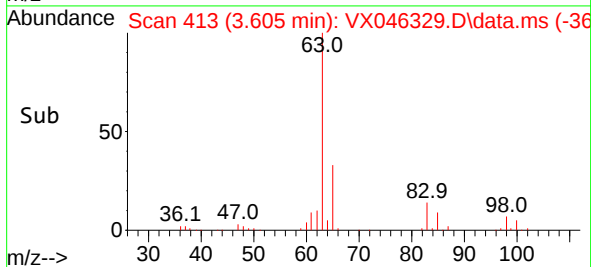
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

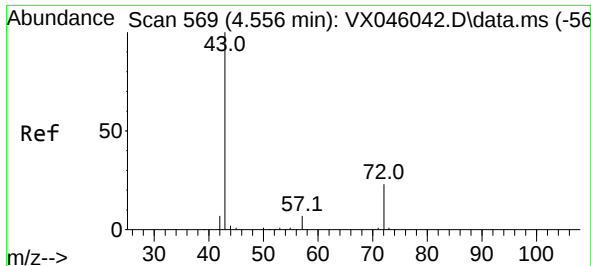


#24
 1,1-Dichloroethane
 Concen: 53.018 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046329.D
 Acq: 22 May 2025 15:06



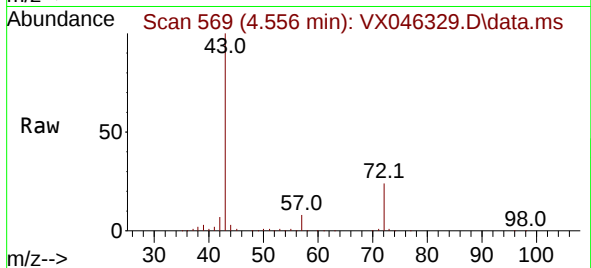
Tgt Ion: 63 Resp: 107679
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.5 2.1 6.3





#25
2-Butanone
Concen: 272.292 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

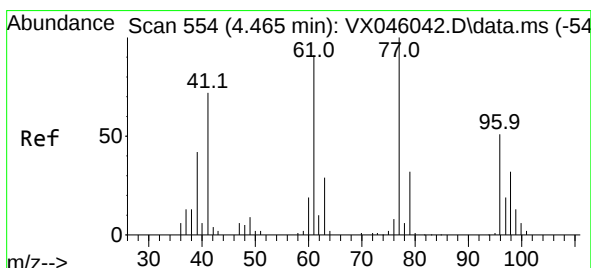
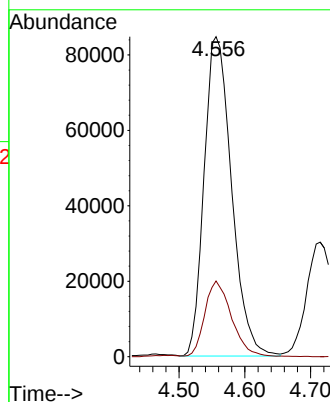
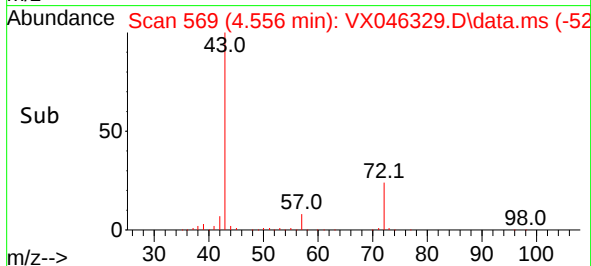
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24615
Ion Ratio Lower Upper
43 100
72 23.5 18.4 27.6

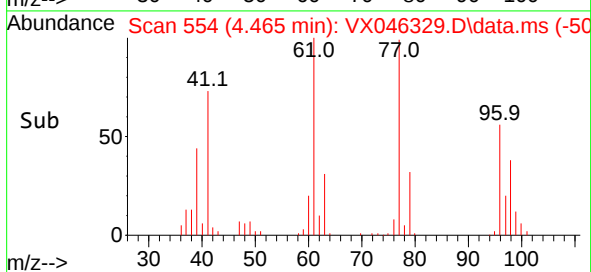
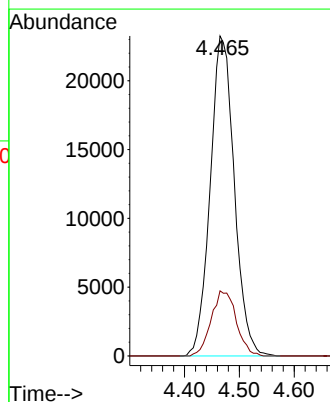
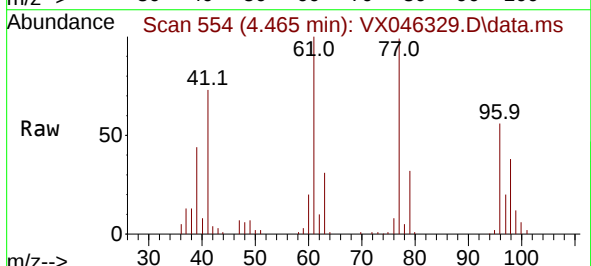
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#26
2,2-Dichloropropane
Concen: 44.615 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 77 Resp: 70924
Ion Ratio Lower Upper
77 100
97 21.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 51.663 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 61779

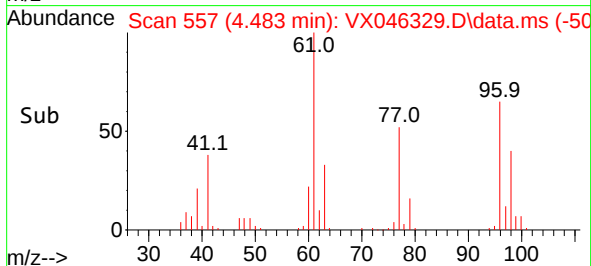
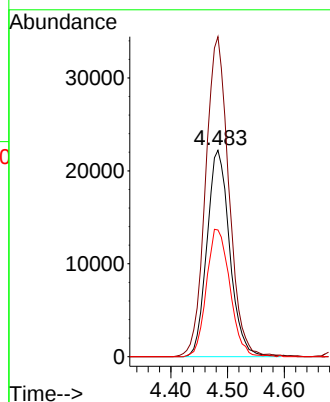
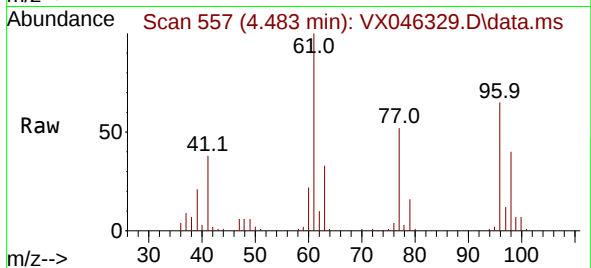
Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	322.8
98	63.8	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#28

Bromochloromethane

Concen: 52.502 ug/l

RT: 4.891 min Scan# 624

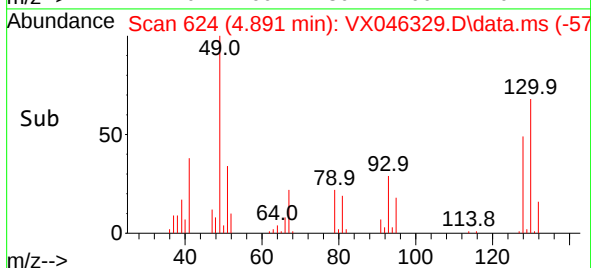
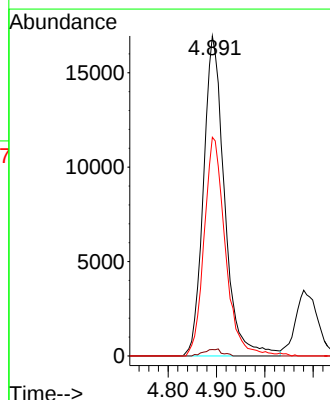
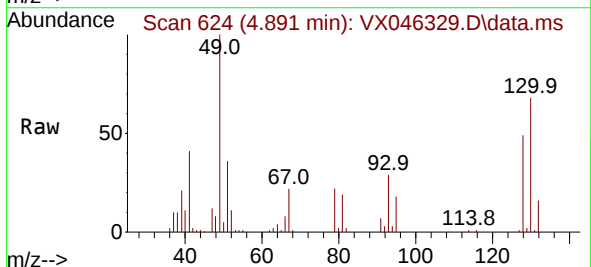
Delta R.T. -0.006 min

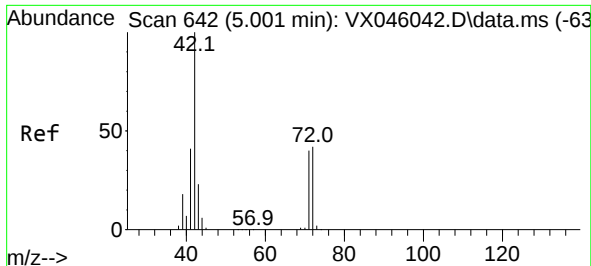
Lab File: VX046329.D

Acq: 22 May 2025 15:06

Tgt Ion: 49 Resp: 51327

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	68.6	56.2	84.2





#29

Tetrahydrofuran

Concen: 270.759 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 153370

Ion Ratio Lower Upper

42 100

72 41.9 33.7 50.5

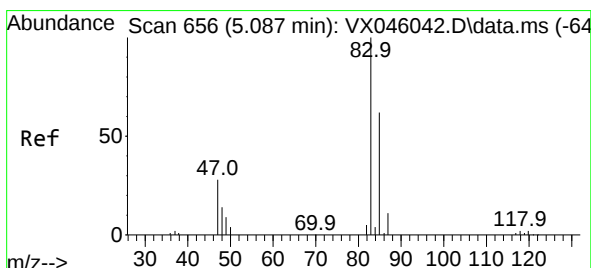
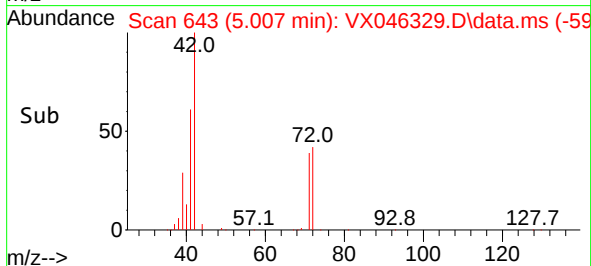
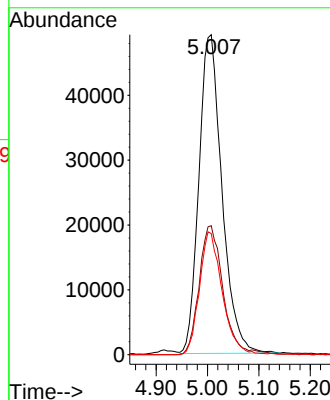
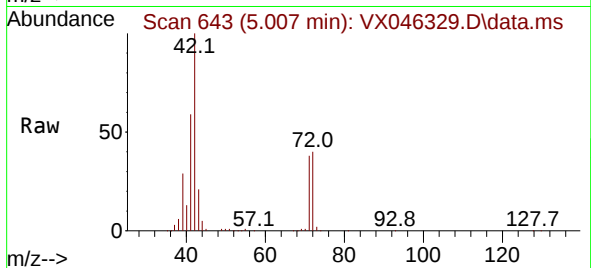
71 38.0 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#30

Chloroform

Concen: 52.976 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX046329.D

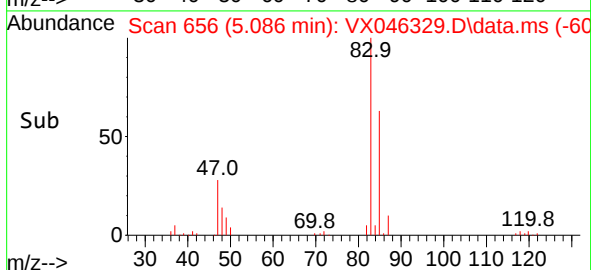
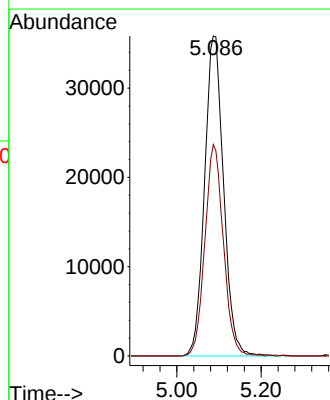
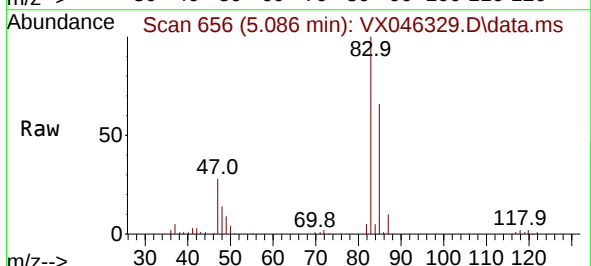
Acq: 22 May 2025 15:06

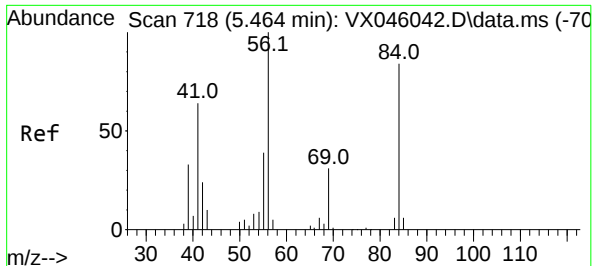
Tgt Ion: 83 Resp: 112146

Ion Ratio Lower Upper

83 100

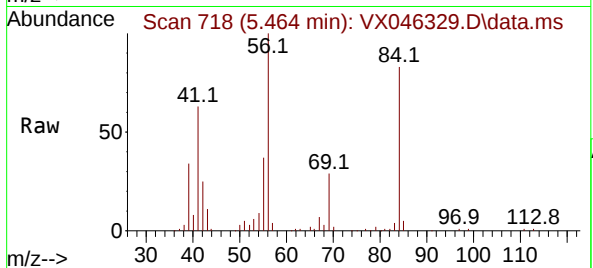
85 66.1 49.3 73.9





#31
Cyclohexane
Concen: 50.885 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

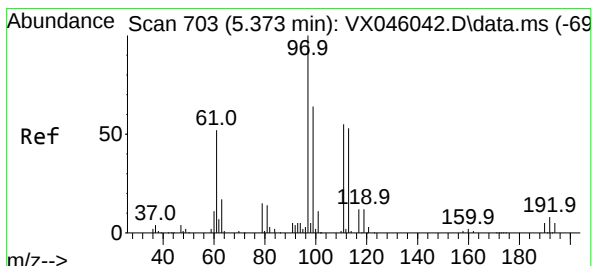
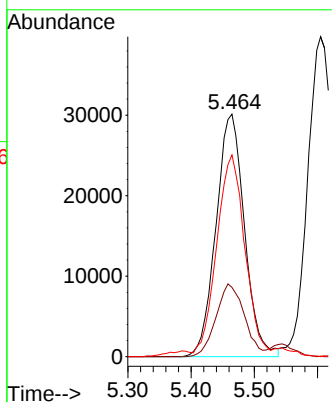
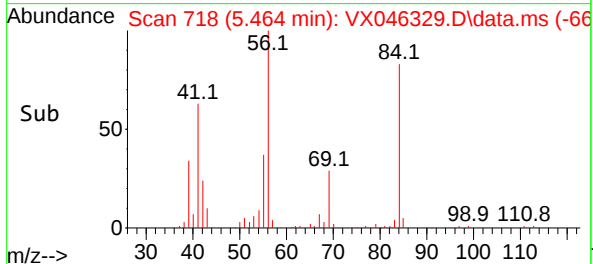
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



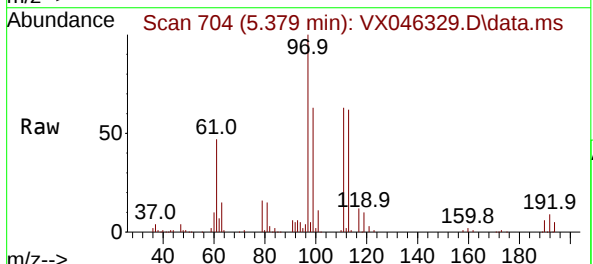
Tgt Ion: 56 Resp: 94170
Ion Ratio Lower Upper
56 100
69 28.6 24.4 36.6
84 81.3 66.9 100.3

Manual Integrations
APPROVED

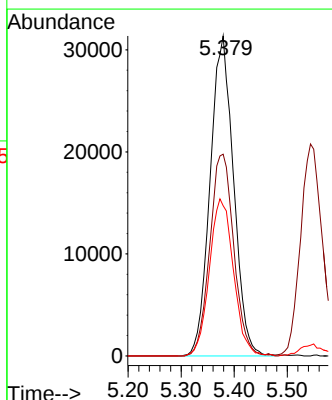
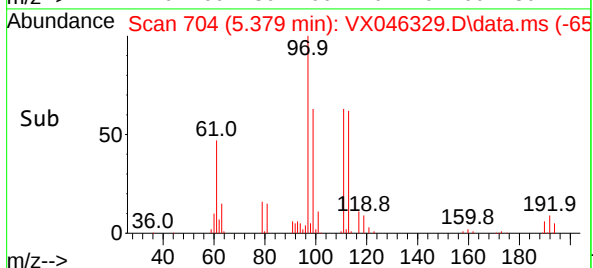
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

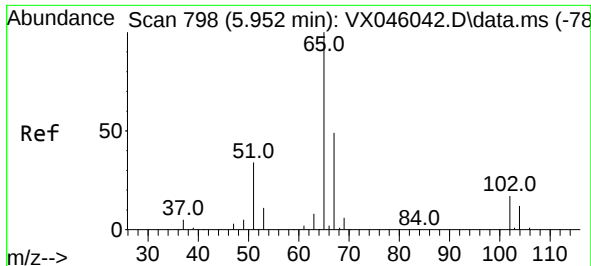


#32
1,1,1-Trichloroethane
Concen: 52.459 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



Tgt Ion: 97 Resp: 96266
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 50.5 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 51.748 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 80364

Ion Ratio Lower Upper

65 100

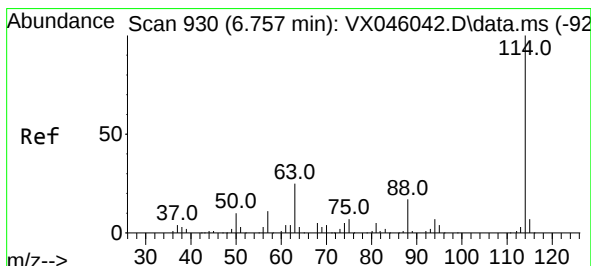
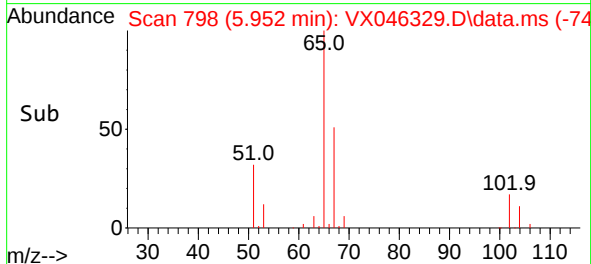
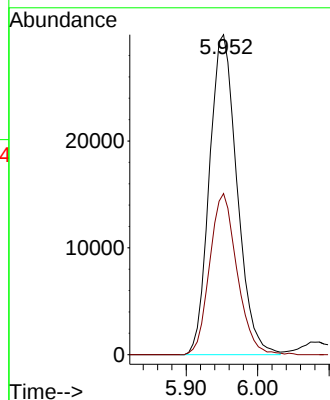
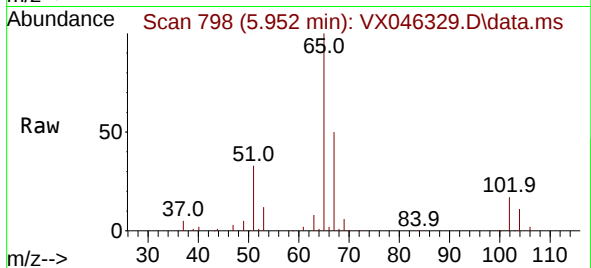
67 49.9 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

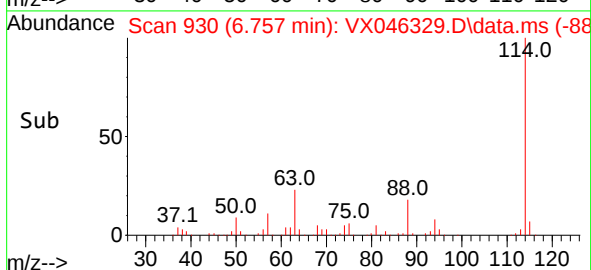
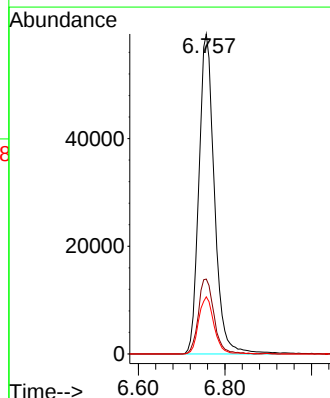
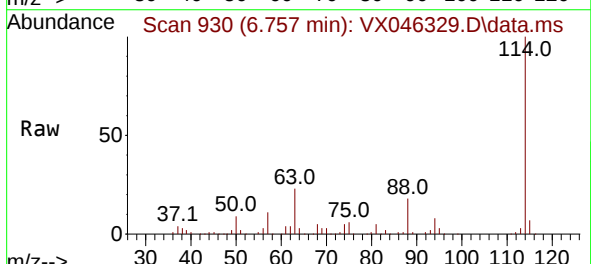
Tgt Ion:114 Resp: 147464

Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 17.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.754 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 56019

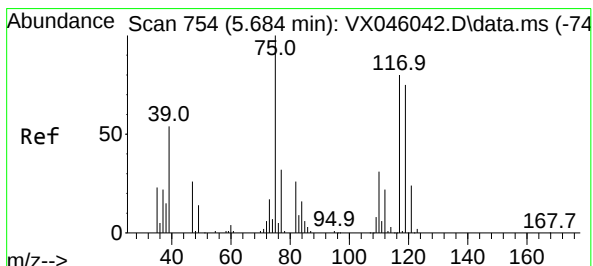
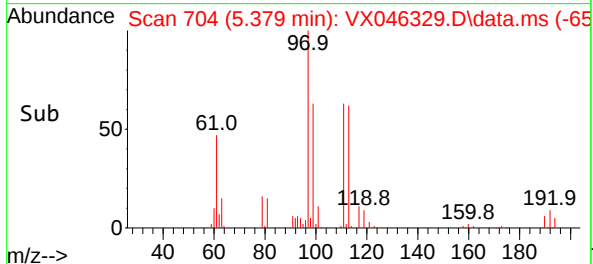
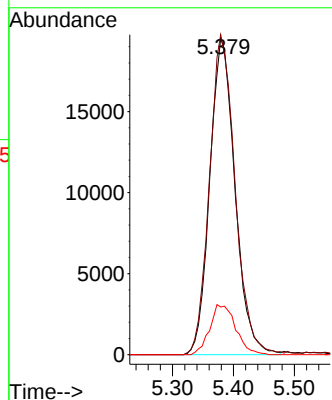
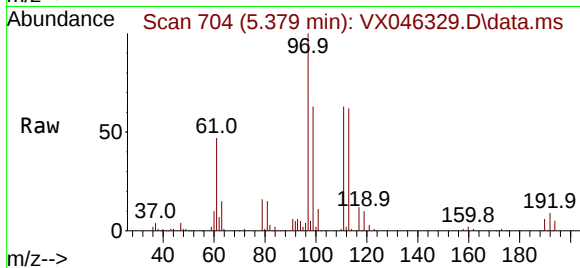
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	16.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#36

1,1-Dichloropropene

Concen: 50.426 ug/l

RT: 5.684 min Scan# 754

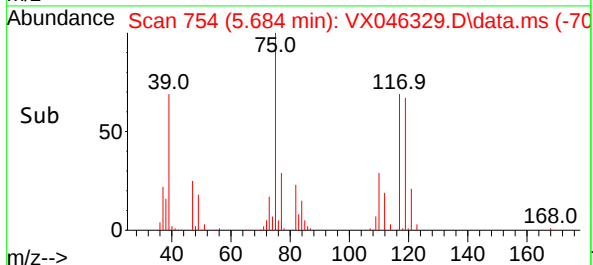
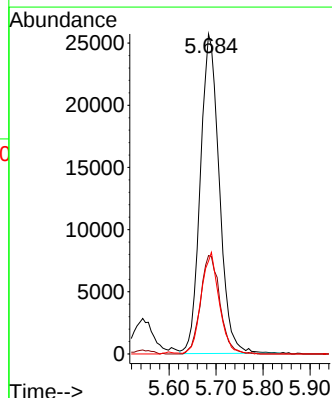
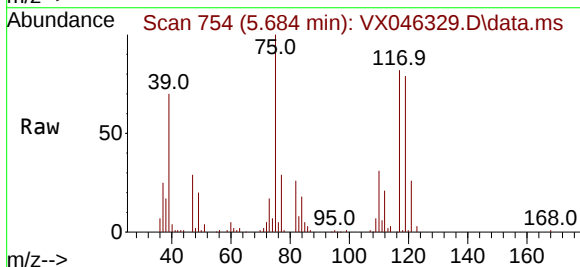
Delta R.T. 0.000 min

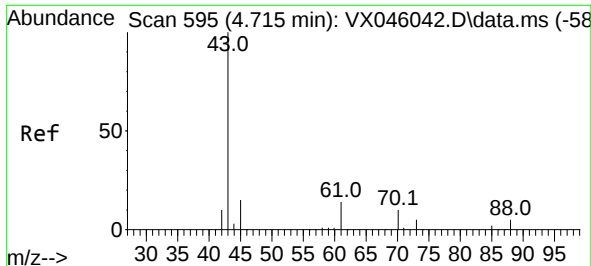
Lab File: VX046329.D

Acq: 22 May 2025 15:06

Tgt Ion: 75 Resp: 71946

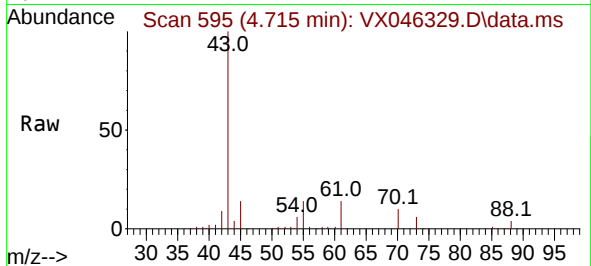
Ion	Ratio	Lower	Upper
75	100		
110	31.7	16.3	48.9
77	30.5	24.3	36.5





#37
Ethyl Acetate
Concen: 51.653 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

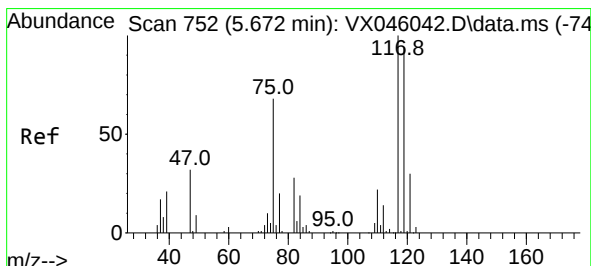
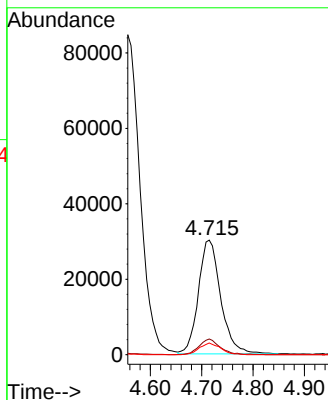
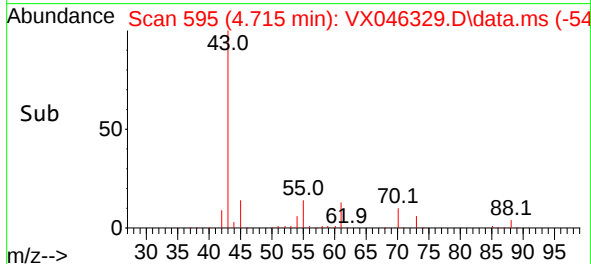
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 9105
Ion Ratio Lower Upper
43 100
61 12.8 10.3 15.5
70 9.7 7.9 11.9

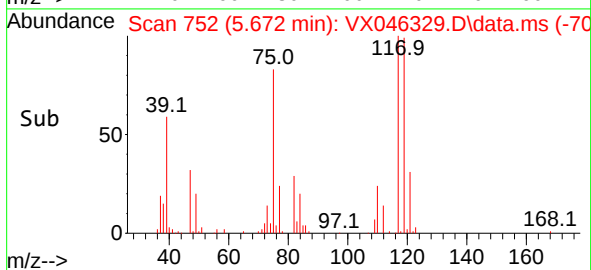
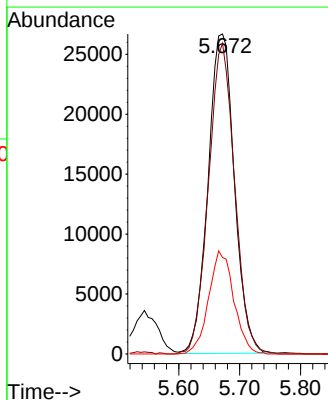
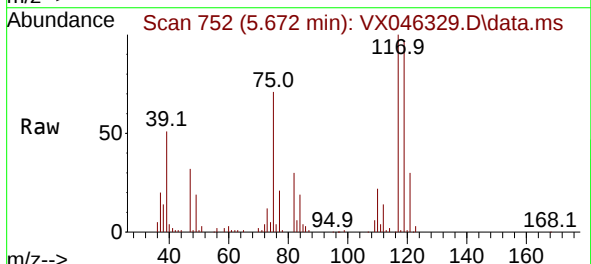
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#38
Carbon Tetrachloride
Concen: 49.953 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion:117 Resp: 80079
Ion Ratio Lower Upper
117 100
119 97.4 75.2 112.8
121 30.2 24.2 36.4





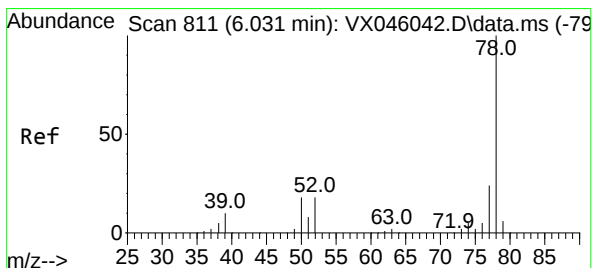
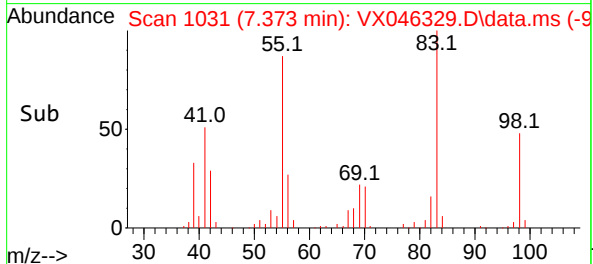
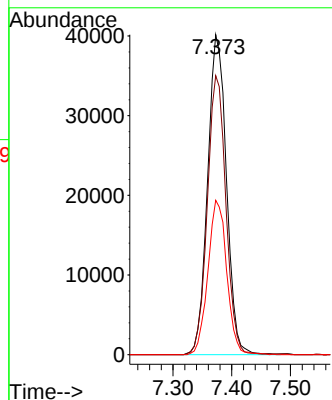
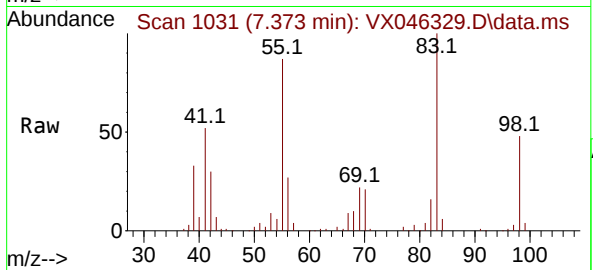
#39
Methylcyclohexane
Concen: 48.748 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8954
Ion Ratio Lower Upper
83 100
55 87.2 64.7 97.1
98 48.3 37.4 56.2

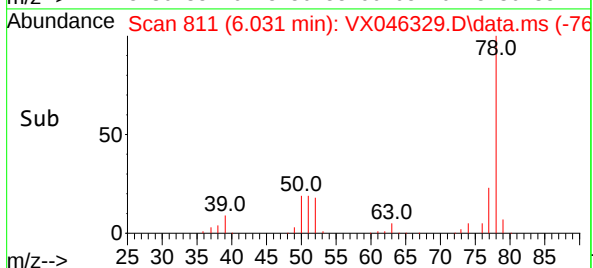
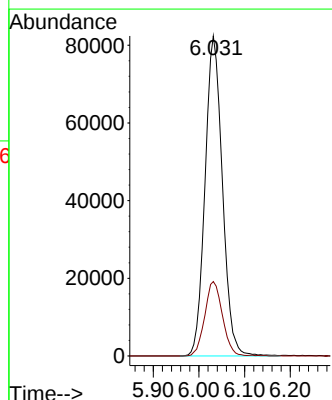
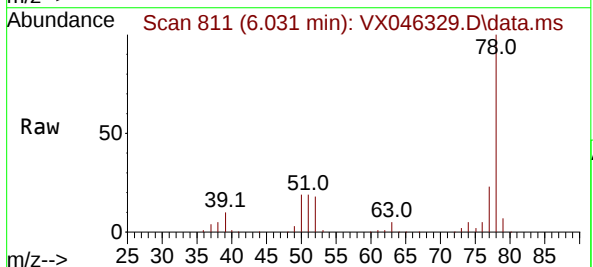
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#40
Benzene
Concen: 51.954 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 78 Resp: 217124
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





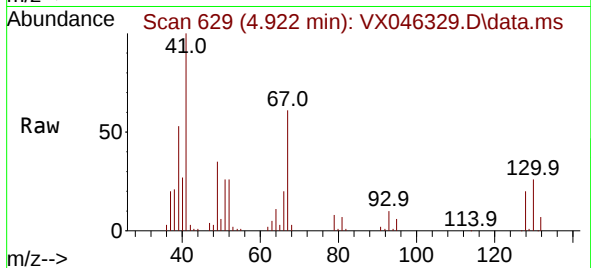
#41
Methacrylonitrile
Concen: 57.271 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



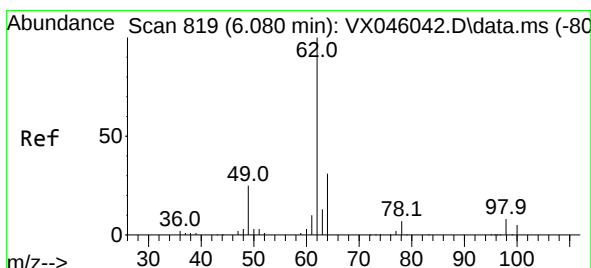
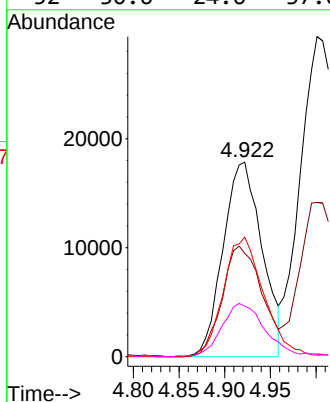
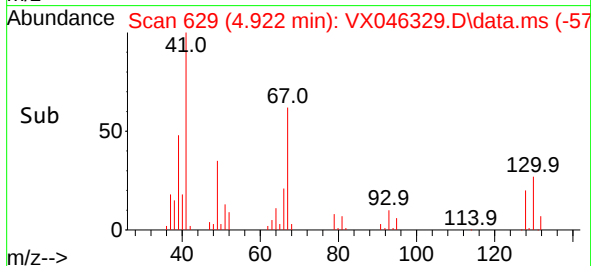
Tgt Ion: 41 Resp: 5281
Ion Ratio Lower Upper
41 100
39 58.0 47.2 70.8
67 64.7 50.7 76.1
52 30.6 24.6 37.0

Manual Integrations

APPROVED

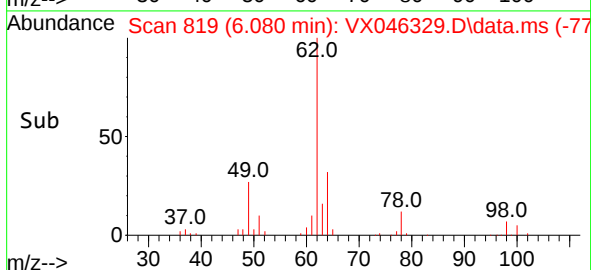
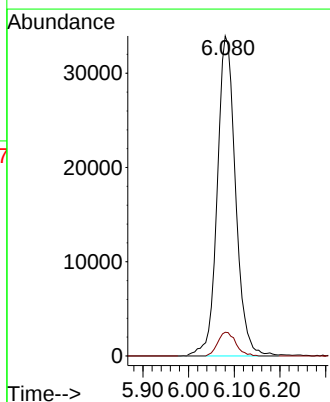
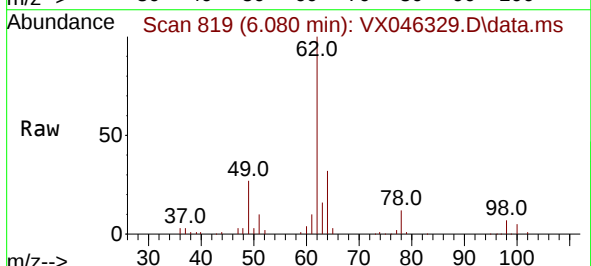
Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#42
1,2-Dichloroethane
Concen: 52.347 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 62 Resp: 94417
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43

Isopropyl Acetate

Concen: 54.942 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX046329.D

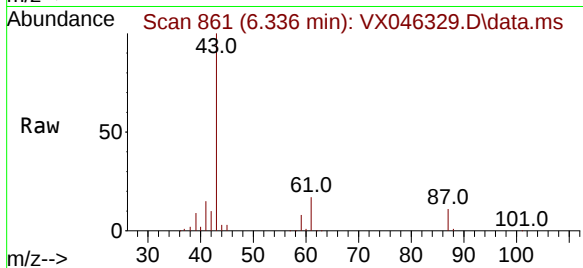
Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



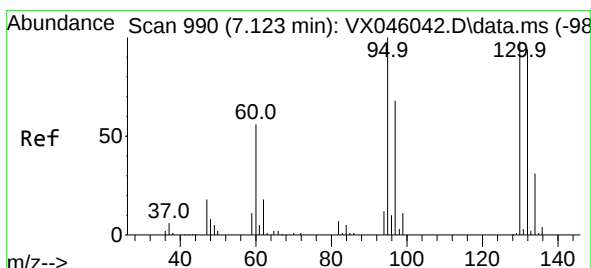
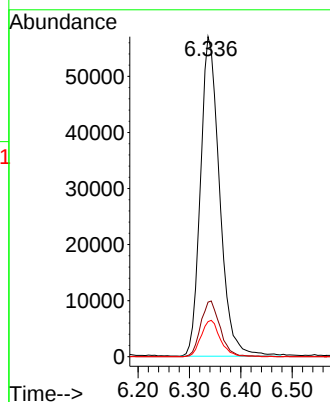
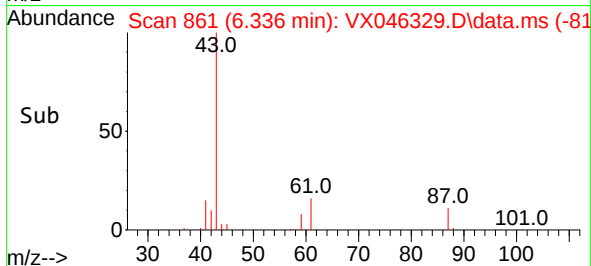
Tgt Ion:	43	Resp:	14775
Ion Ratio	Lower	Upper	
43	100		
61	17.7	14.3	21.5
87	11.4	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#44

Trichloroethene

Concen: 50.630 ug/l

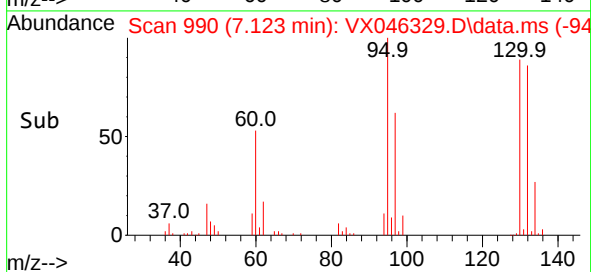
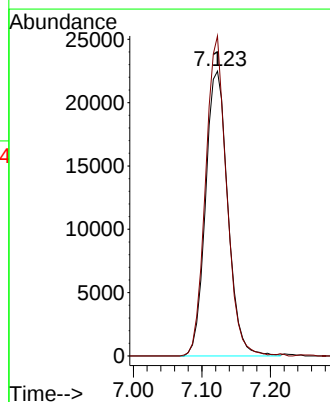
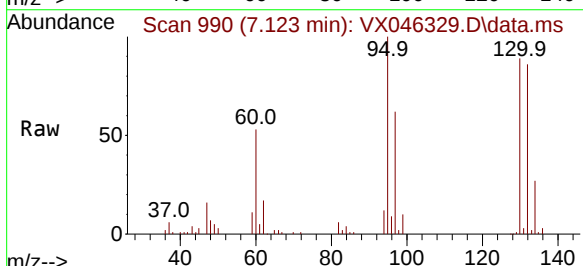
RT: 7.123 min Scan# 990

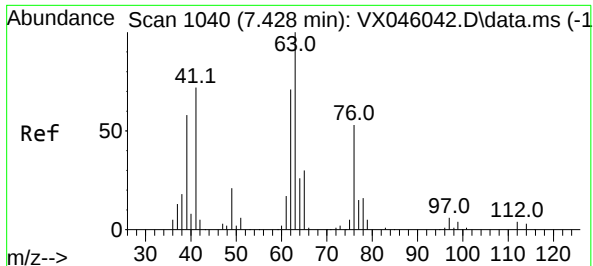
Delta R.T. 0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

Tgt Ion:	130	Resp:	50926
Ion Ratio	Lower	Upper	
130	100		
95	112.4	0.0	204.2





#45

1,2-Dichloropropane

Concen: 52.992 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5506

Ion Ratio Lower Upper

63 100

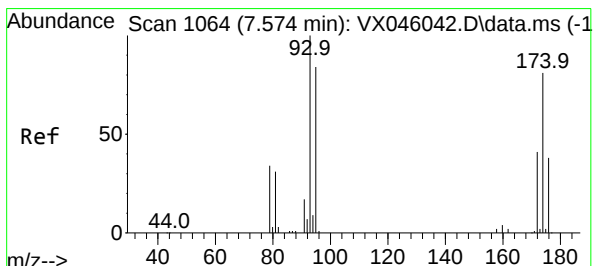
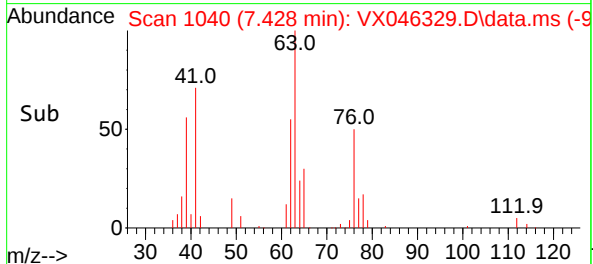
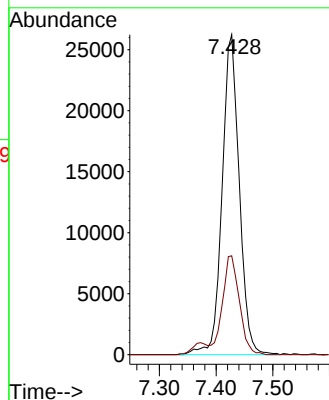
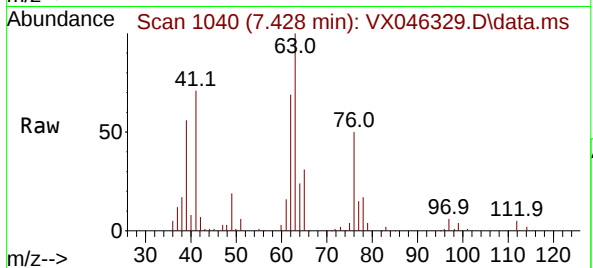
65 30.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 51.628 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

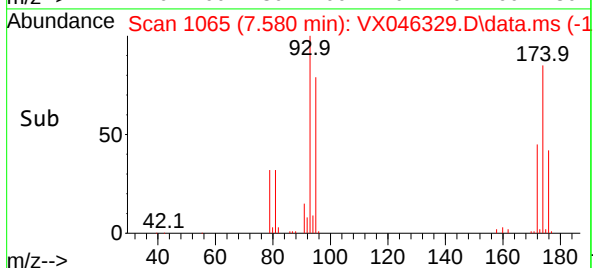
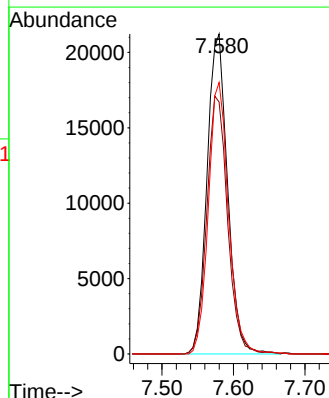
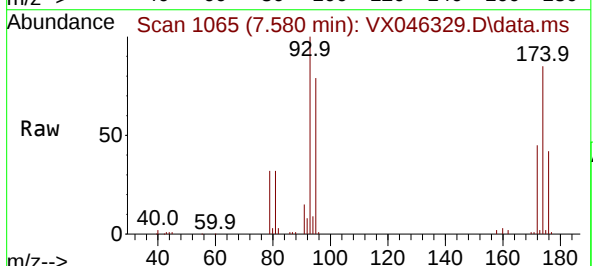
Tgt Ion: 93 Resp: 42314

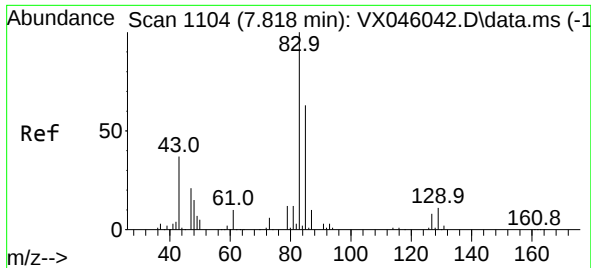
Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

174 83.6 68.2 102.2





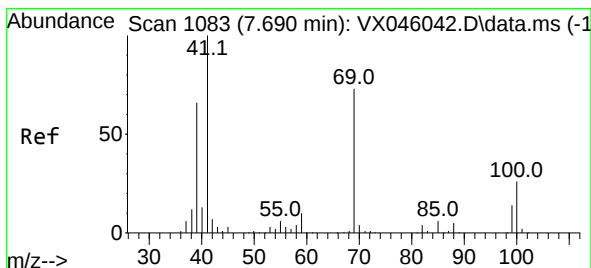
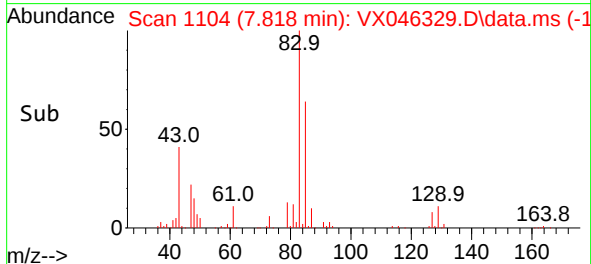
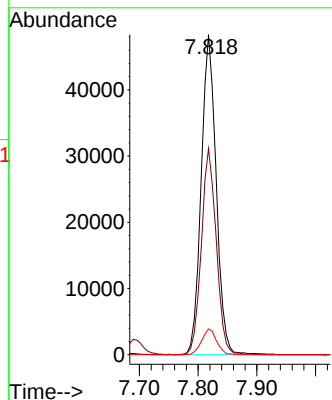
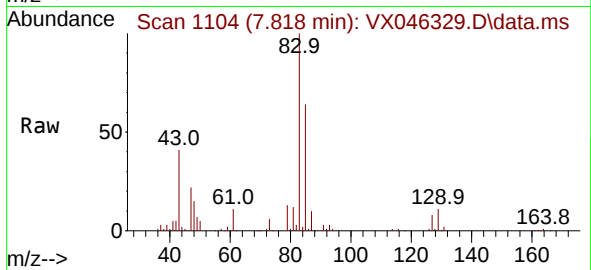
#47
Bromodichloromethane
Concen: 53.142 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8578
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.0 6.5 9.7

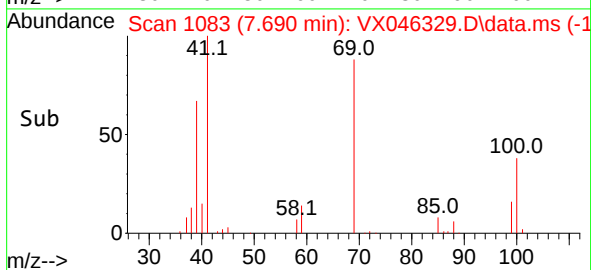
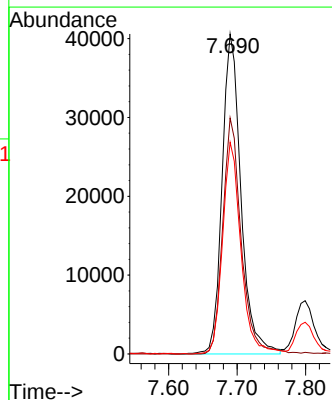
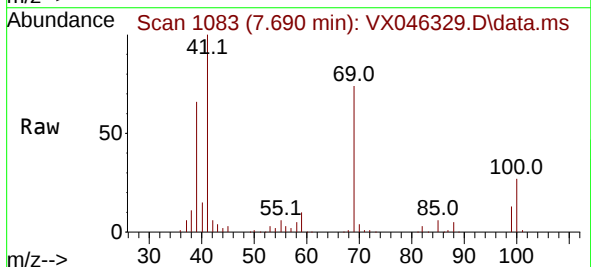
Manual Integrations
APPROVED

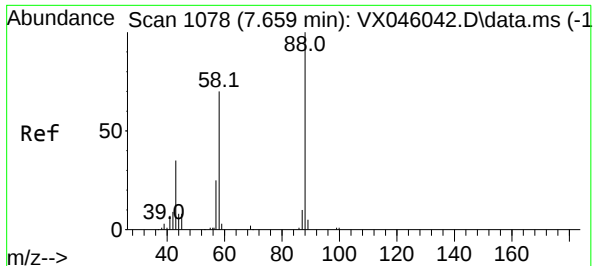
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#48
Methyl methacrylate
Concen: 56.377 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

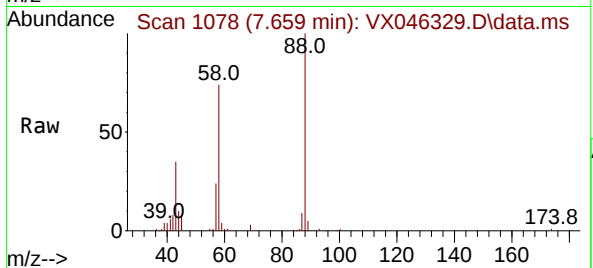
Tgt Ion: 41 Resp: 77428
Ion Ratio Lower Upper
41 100
69 72.4 58.5 87.7
39 64.4 51.7 77.5





#49
1,4-Dioxane
Concen: 1061.351 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

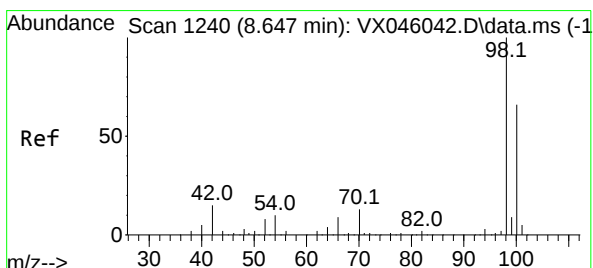
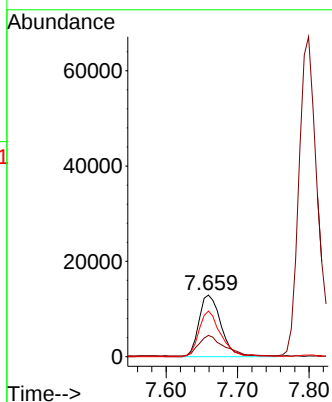
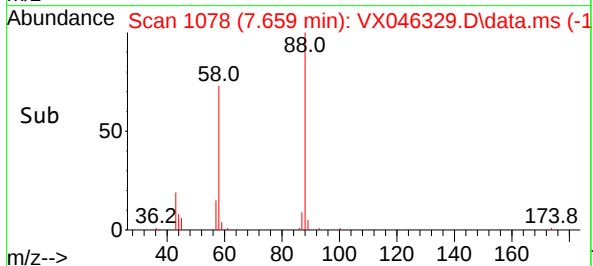
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2767
Ion Ratio Lower Upper
88 100
43 38.0 33.4 50.2
58 73.7 58.6 88.0

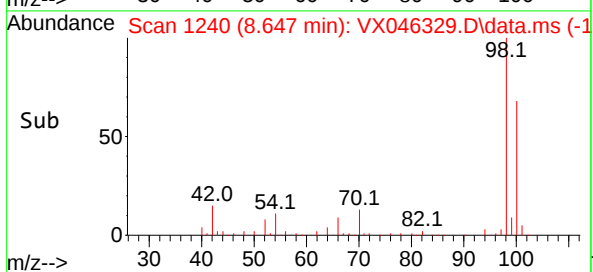
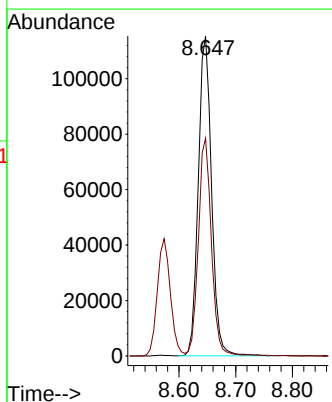
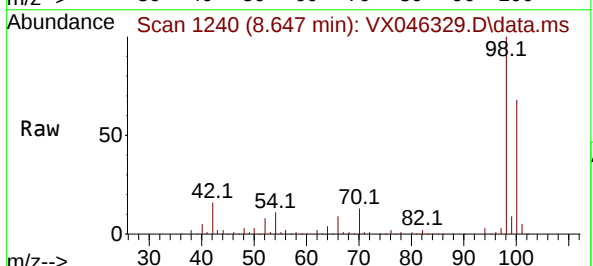
Manual Integrations
APPROVED

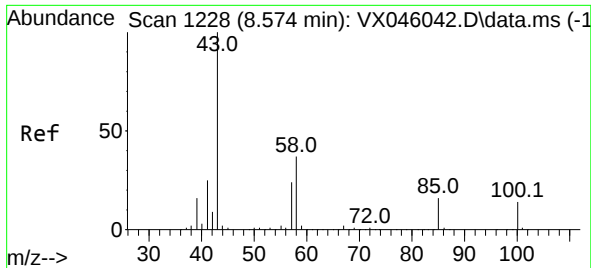
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#50
Toluene-d8
Concen: 50.948 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 98 Resp: 187252
Ion Ratio Lower Upper
98 100
100 67.1 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 279.293 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

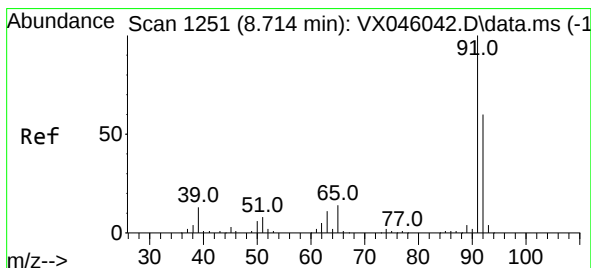
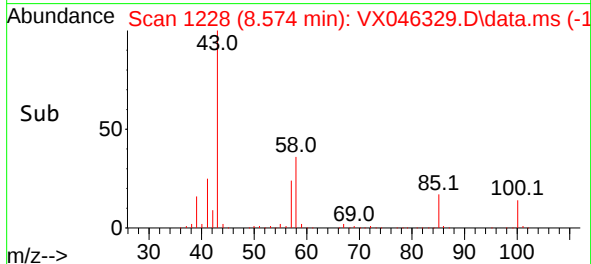
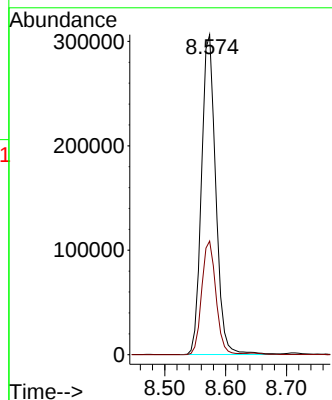
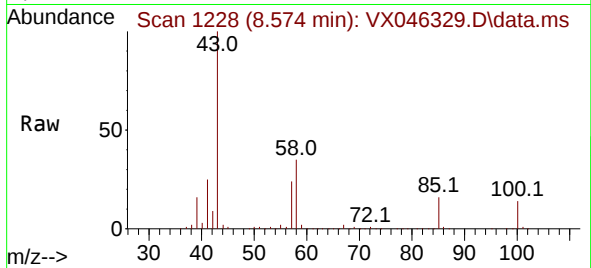
VSTDCCC050EC

Tgt Ion: 43 Resp: 49855
Ion Ratio Lower Upper
43 100
58 35.3 28.9 43.3

Manual Integrations

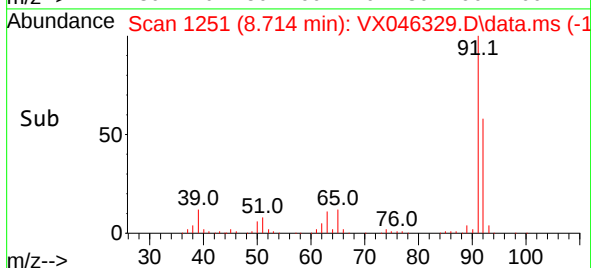
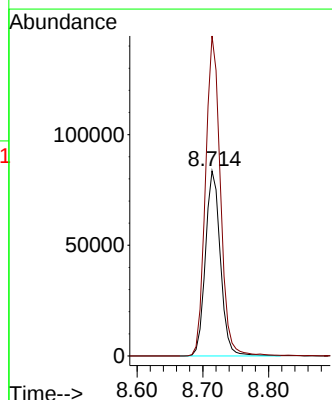
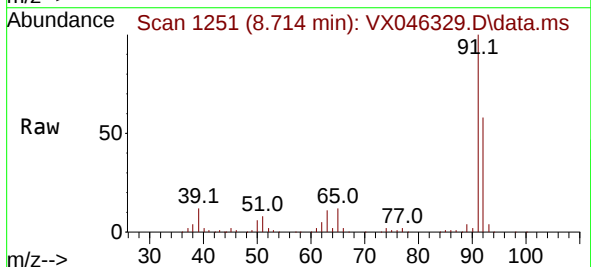
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#52
Toluene
Concen: 51.658 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 92 Resp: 132376
Ion Ratio Lower Upper
92 100
91 172.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.162 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 76279

Ion Ratio Lower Upper

75 100

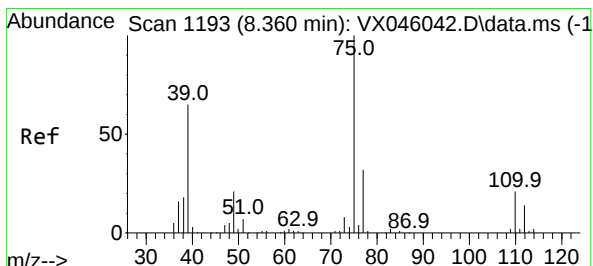
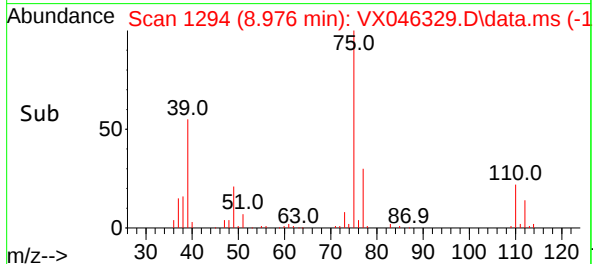
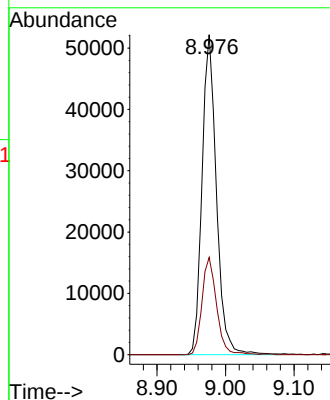
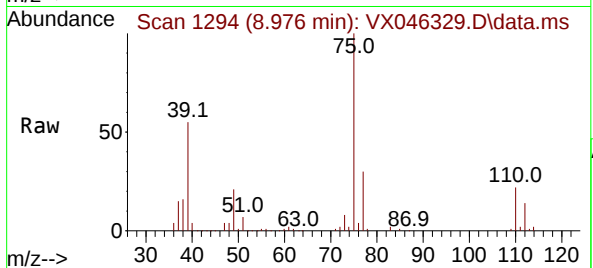
77 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#54

cis-1,3-Dichloropropene

Concen: 52.808 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

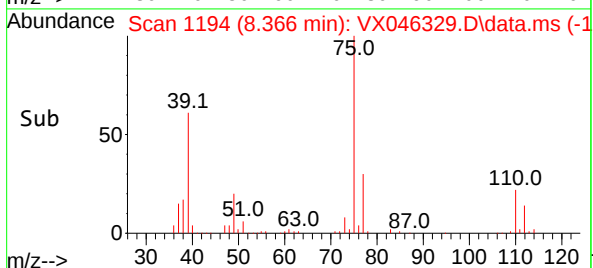
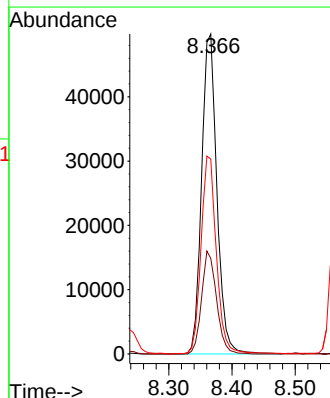
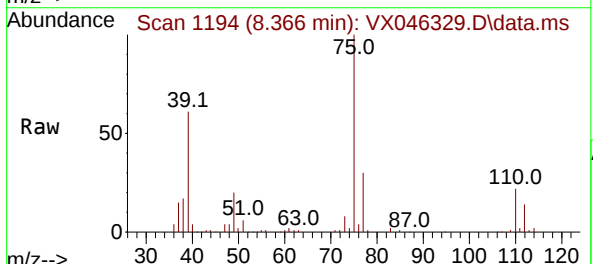
Tgt Ion: 75 Resp: 83745

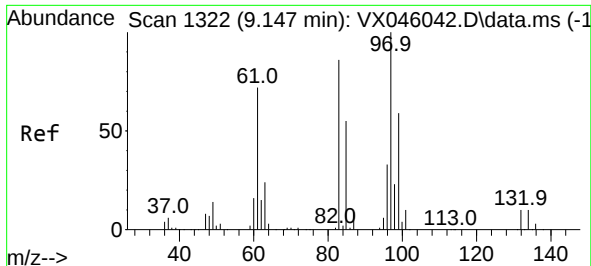
Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.0

39 60.8 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 52.935 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

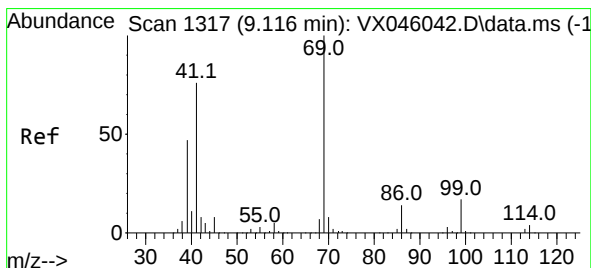
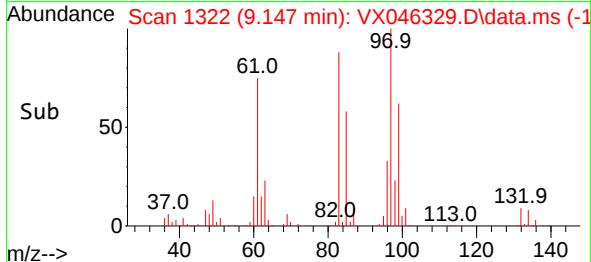
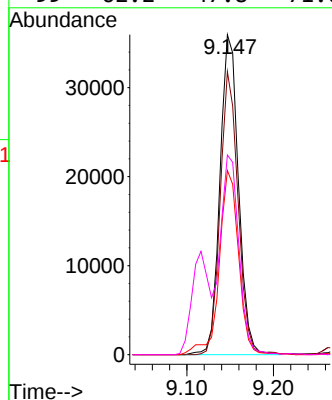
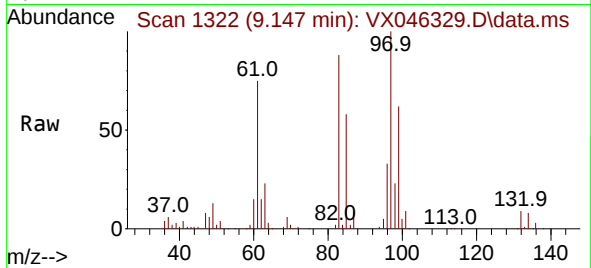
VSTDCCC050EC

Tgt Ion: 97 Resp: 5348
Ion Ratio Lower Upper
97 100
83 88.4 69.0 103.6
85 57.6 44.3 66.5
99 62.2 47.8 71.6

Manual Integrations

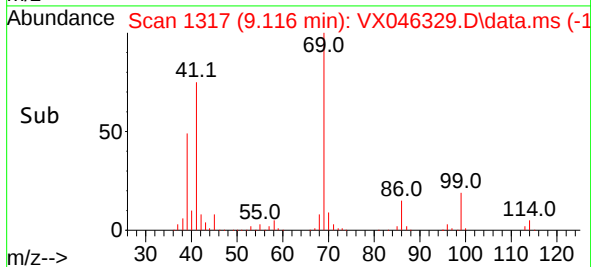
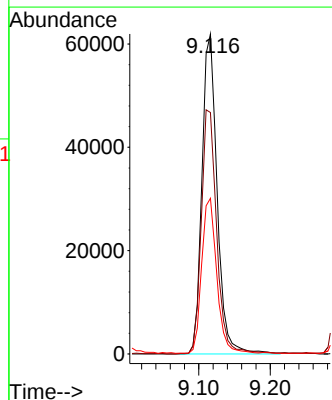
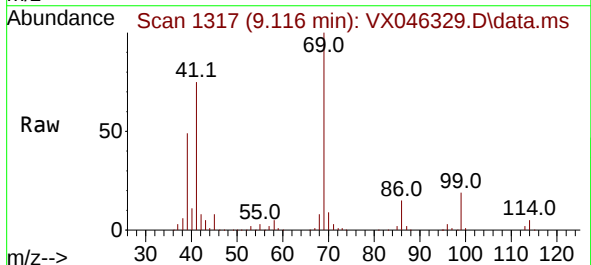
APPROVED

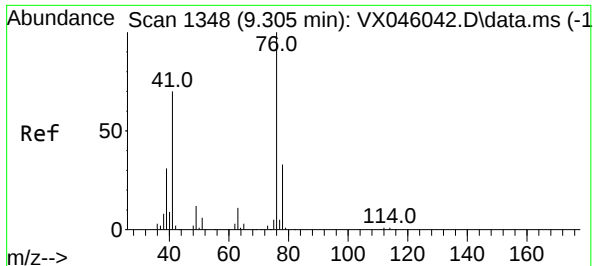
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#56
Ethyl methacrylate
Concen: 56.856 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

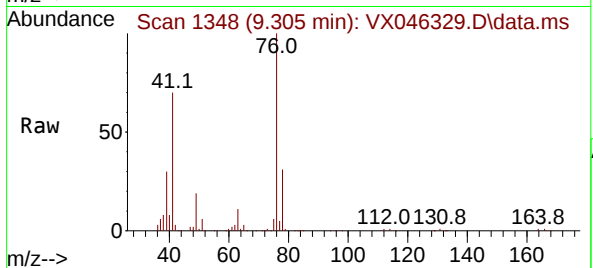
Tgt Ion: 69 Resp: 91562
Ion Ratio Lower Upper
69 100
41 77.8 60.8 91.2
39 47.8 39.0 58.6





#57
1,3-Dichloropropane
Concen: 51.756 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

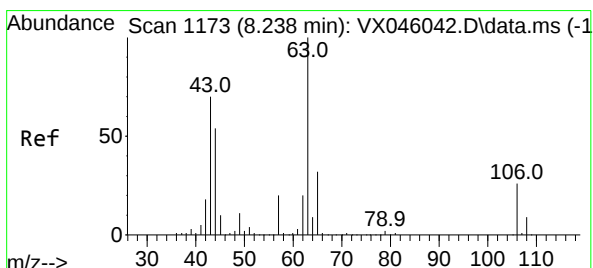
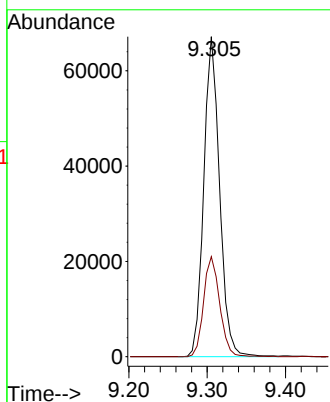
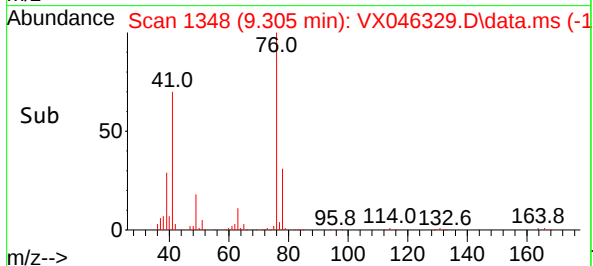
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



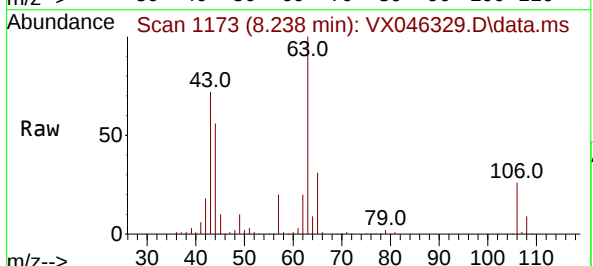
Tgt Ion: 76 Resp: 93920
Ion Ratio Lower Upper
76 100
78 31.9 26.3 39.5

Manual Integrations
APPROVED

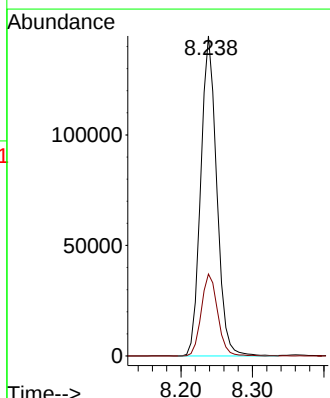
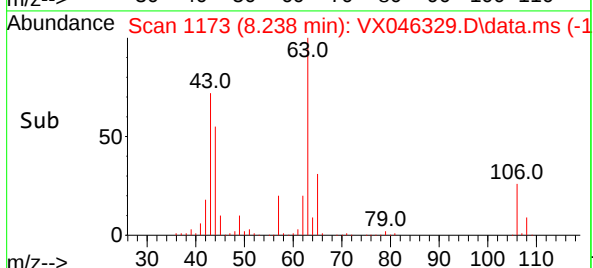
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

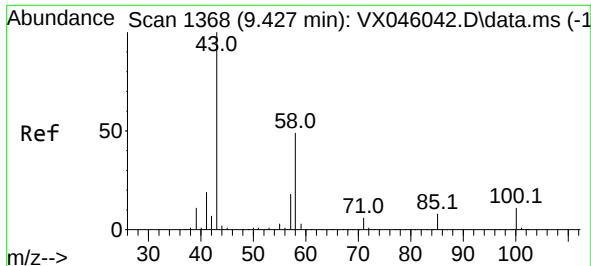


#58
2-Chloroethyl Vinyl ether
Concen: 274.145 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



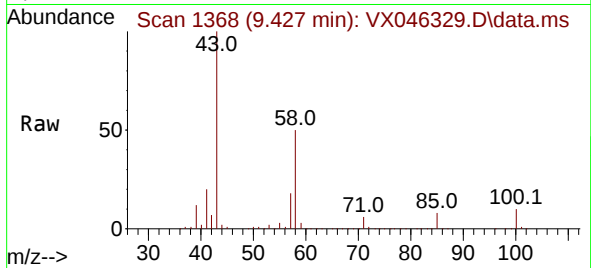
Tgt Ion: 63 Resp: 225076
Ion Ratio Lower Upper
63 100
106 26.1 21.5 32.3





#59
2-Hexanone
Concen: 282.098 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

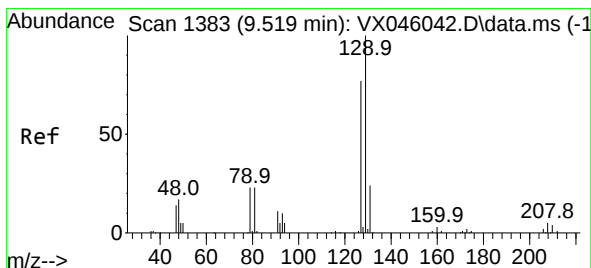
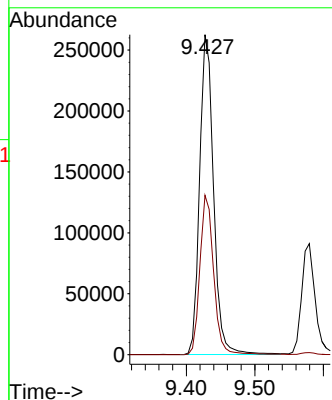
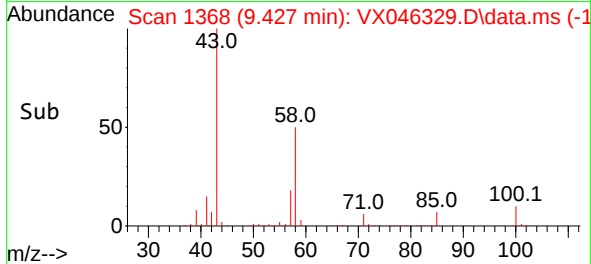
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 372552
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

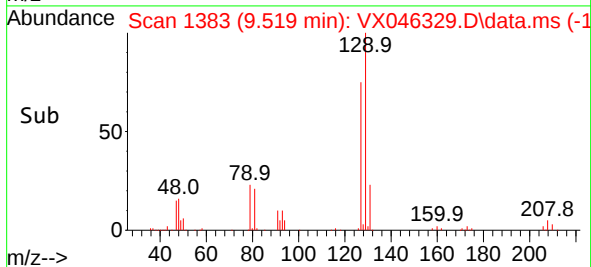
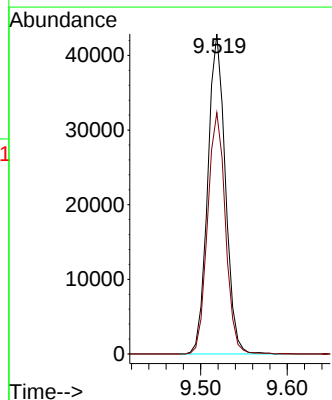
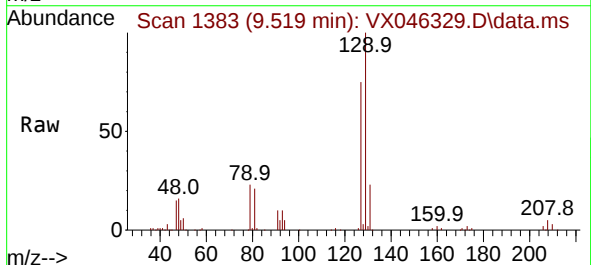
Manual Integrations
APPROVED

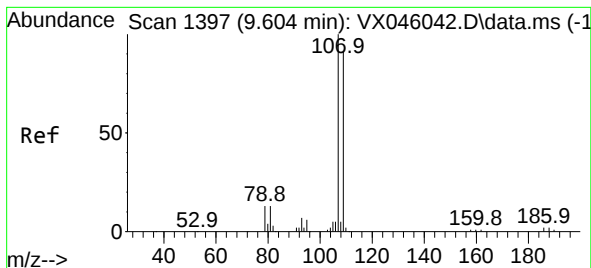
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 54.548 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion:129 Resp: 60531
Ion Ratio Lower Upper
129 100
127 76.3 39.3 117.8





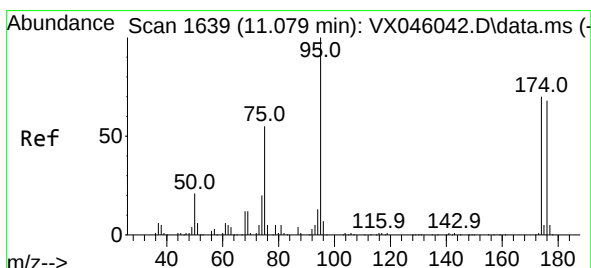
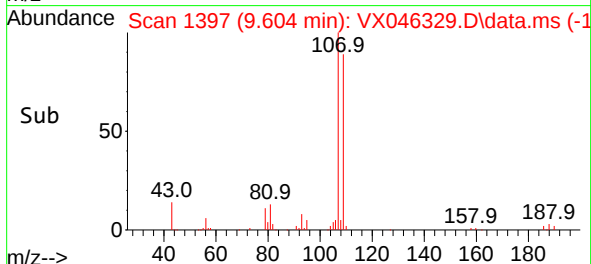
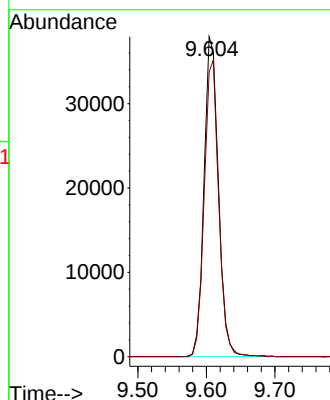
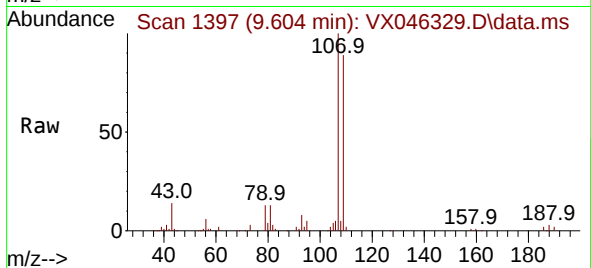
#61
1,2-Dibromoethane
Concen: 53.025 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5568
Ion Ratio Lower Upper
107 100
109 92.8 73.3 109.9

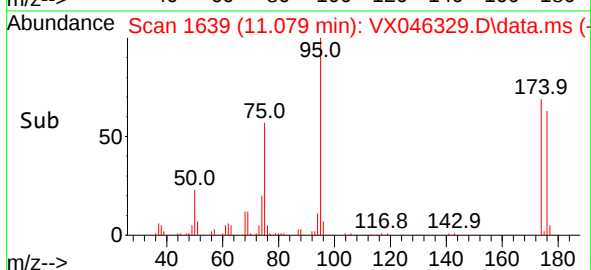
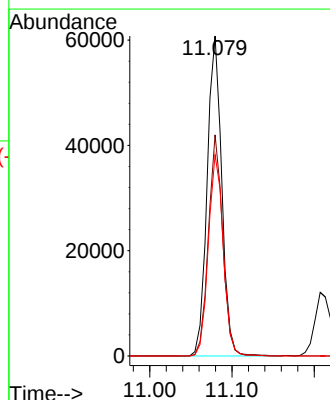
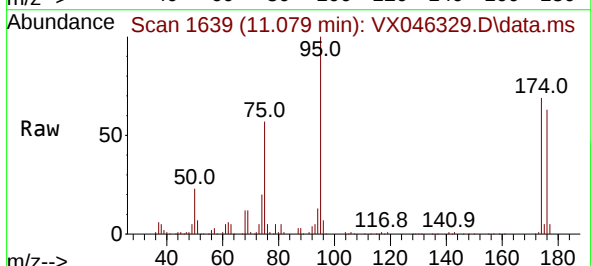
Manual Integrations
APPROVED

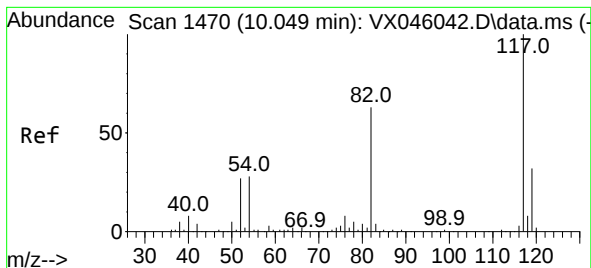
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#62
4-Bromofluorobenzene
Concen: 53.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

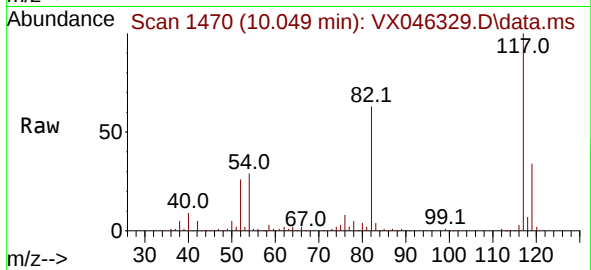
Tgt Ion: 95 Resp: 74835
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 64.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

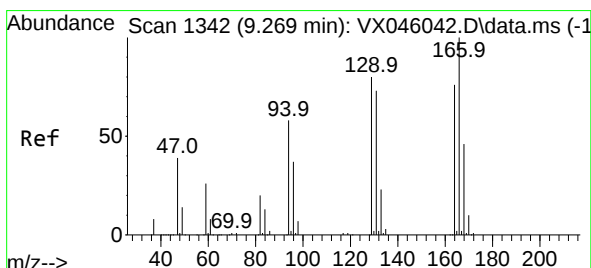
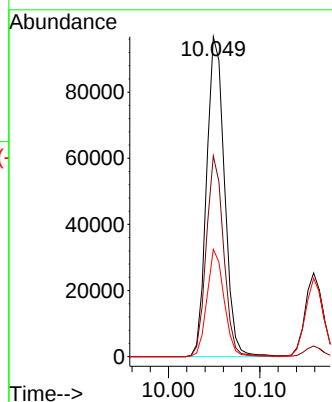
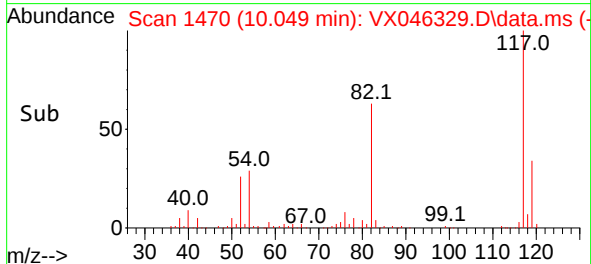
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 131320
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 33.6 25.8 38.6

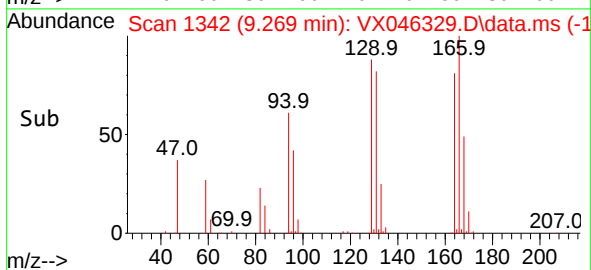
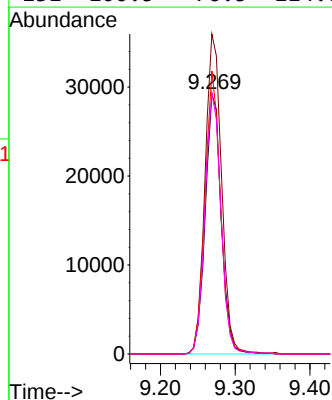
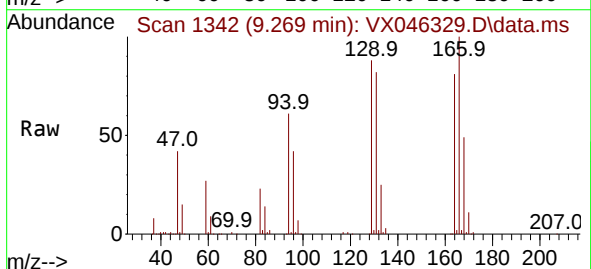
Manual Integrations
APPROVED

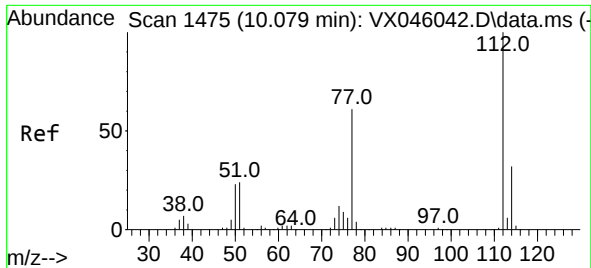
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#64
Tetrachloroethene
Concen: 46.772 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

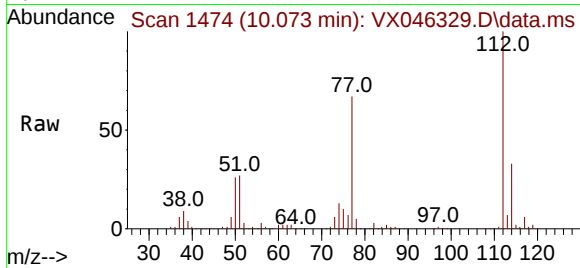
Tgt Ion:164 Resp: 43460
Ion Ratio Lower Upper
164 100
166 123.1 105.0 157.6
129 108.8 83.5 125.3
131 100.5 76.5 114.7





#65
Chlorobenzene
Concen: 49.621 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

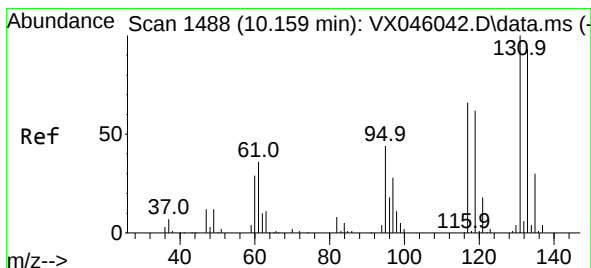
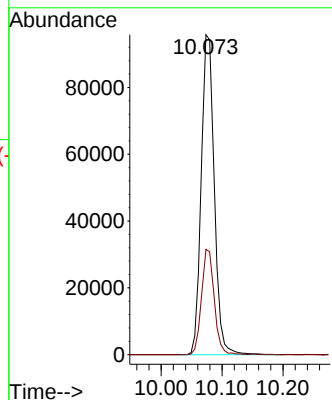
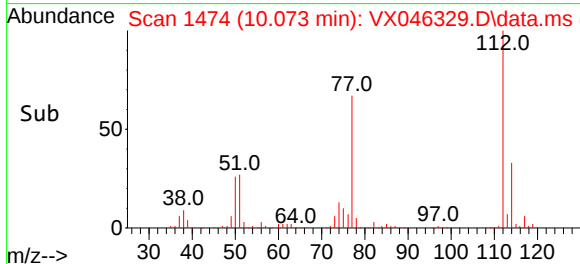
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



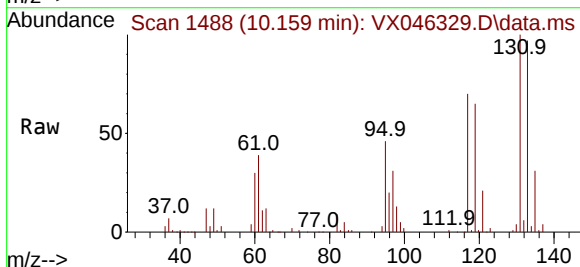
Tgt Ion:112 Resp: 142632
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

Manual Integrations
APPROVED

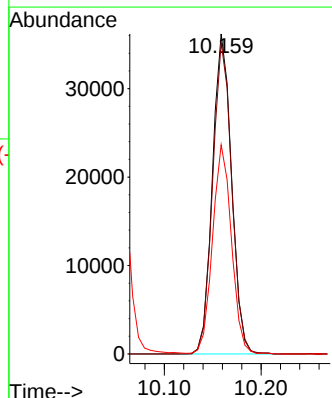
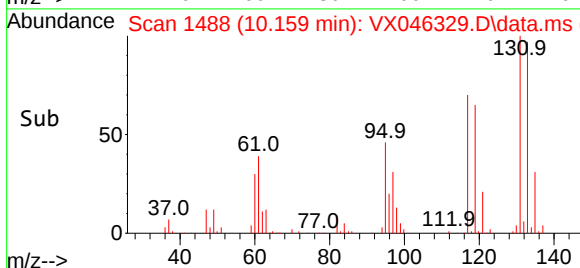
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

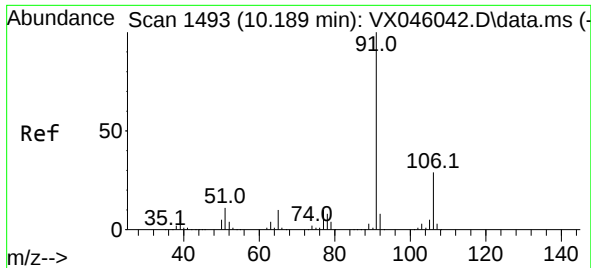


#66
1,1,1,2-Tetrachloroethane
Concen: 50.535 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



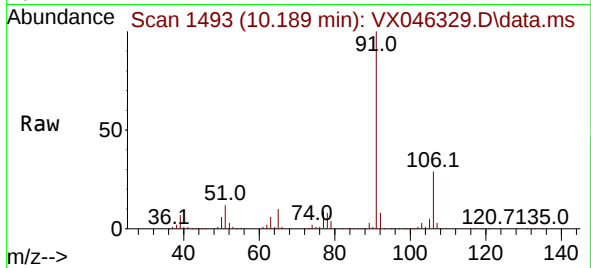
Tgt Ion:131 Resp: 49601
Ion Ratio Lower Upper
131 100
133 96.9 47.3 141.9
119 64.7 31.6 95.0





#67
Ethyl Benzene
Concen: 51.948 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

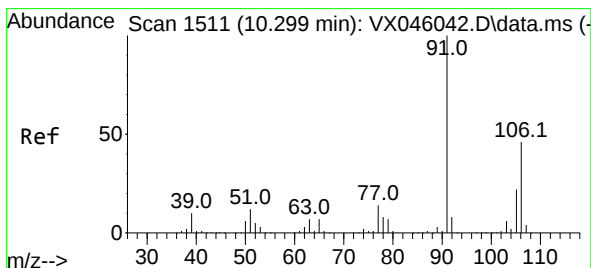
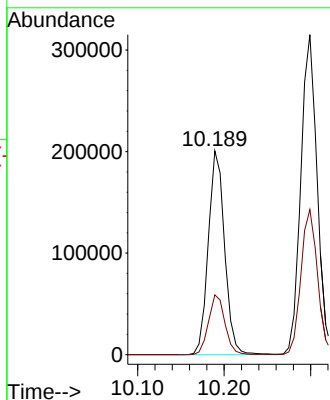
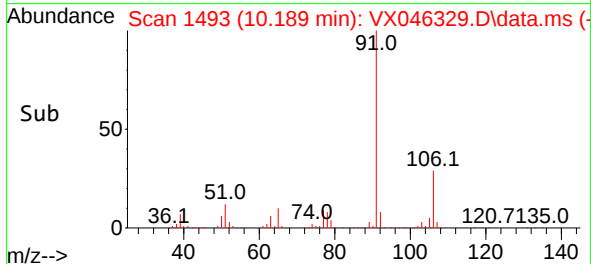
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26321
Ion Ratio Lower Upper
91 100
106 29.4 23.4 35.2

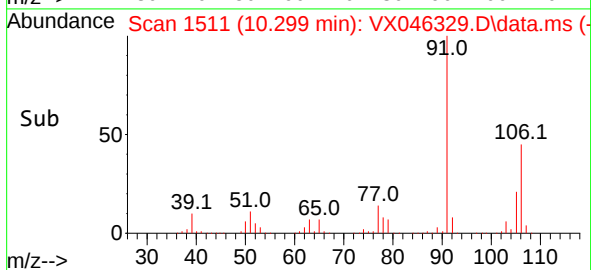
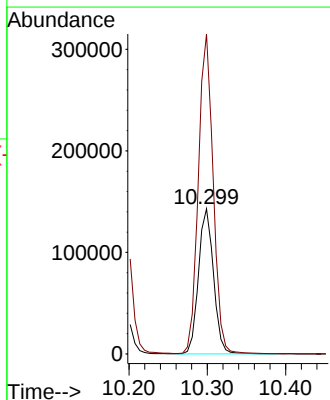
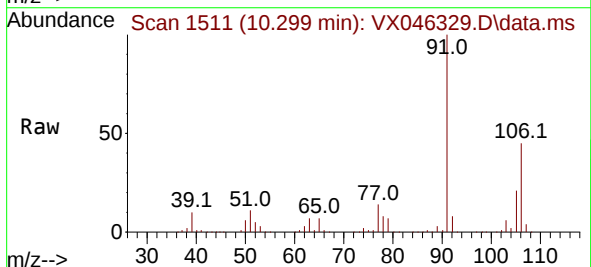
Manual Integrations
APPROVED

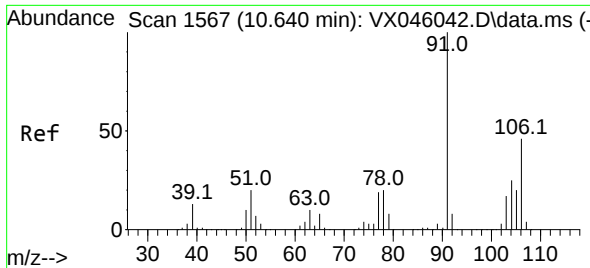
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#68
m/p-Xylenes
Concen: 102.805 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion:106 Resp: 190512
Ion Ratio Lower Upper
106 100
91 218.0 171.2 256.8





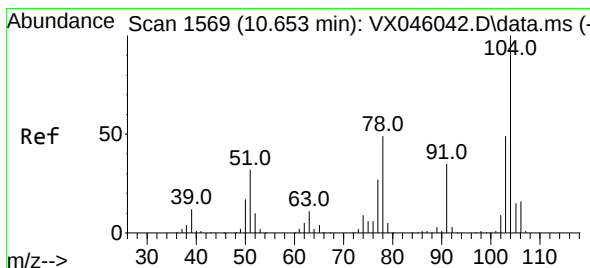
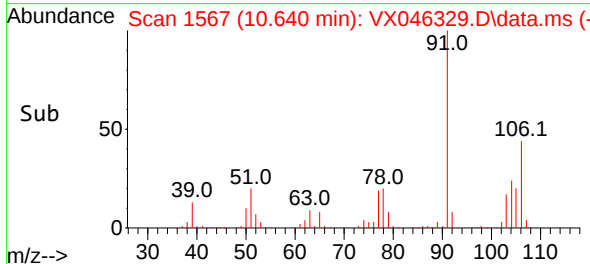
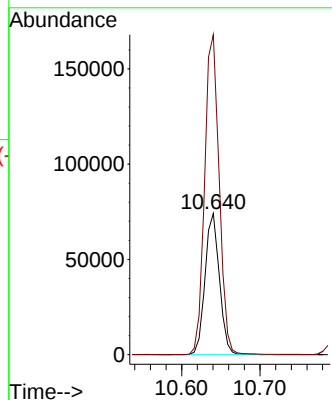
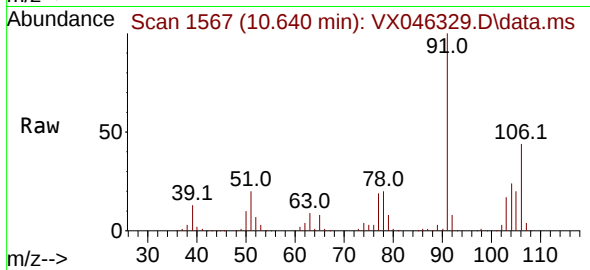
#69
o-Xylene
Concen: 52.162 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 9423
Ion Ratio Lower Upper
106 100
91 230.1 112.7 338.1

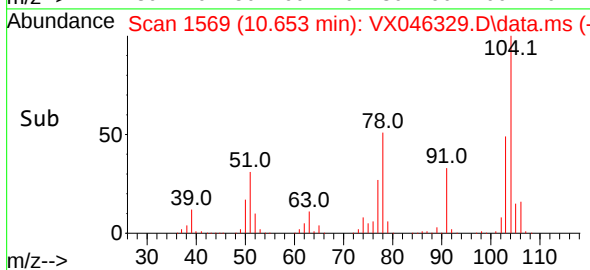
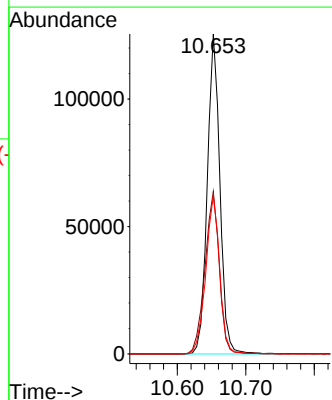
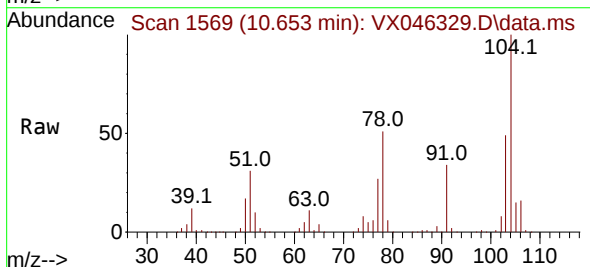
Manual Integrations
APPROVED

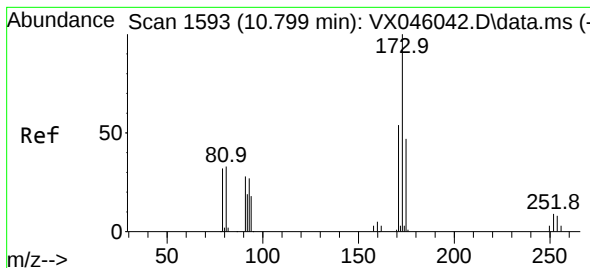
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#70
Styrene
Concen: 54.462 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

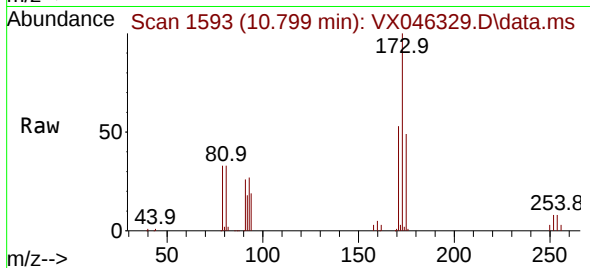
Tgt Ion:104 Resp: 161179
Ion Ratio Lower Upper
104 100
78 57.5 45.7 68.5
103 54.6 43.7 65.5





#71
Bromoform
Concen: 52.490 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

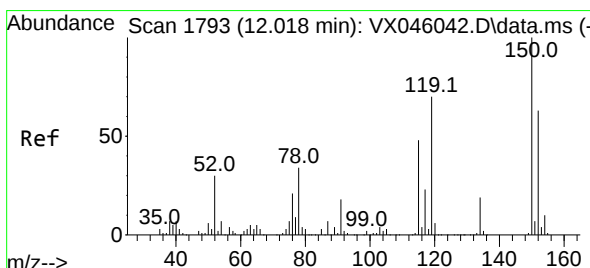
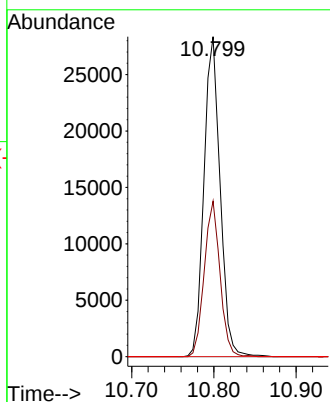
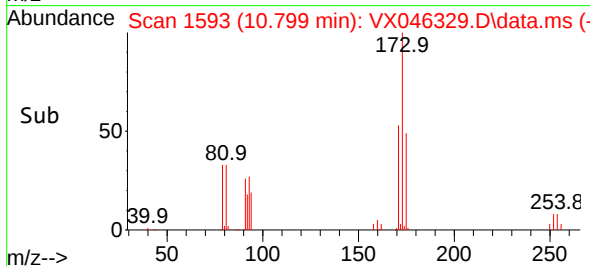
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 38680
Ion Ratio Lower Upper
173 100
175 47.4 23.4 70.0
254 0.0 0.0 0.0

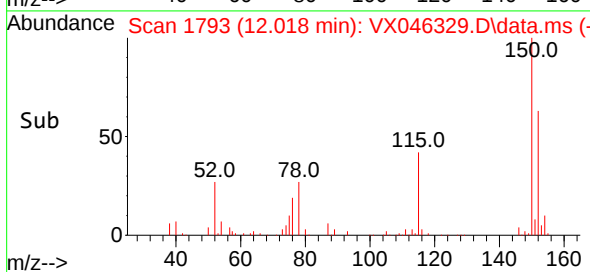
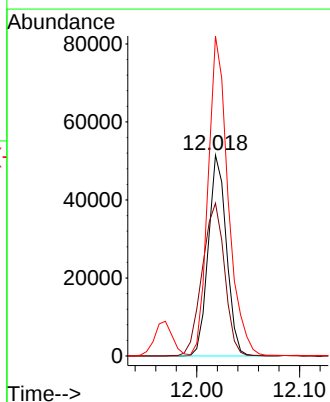
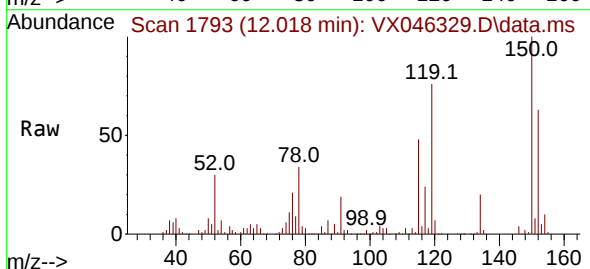
Manual Integrations
APPROVED

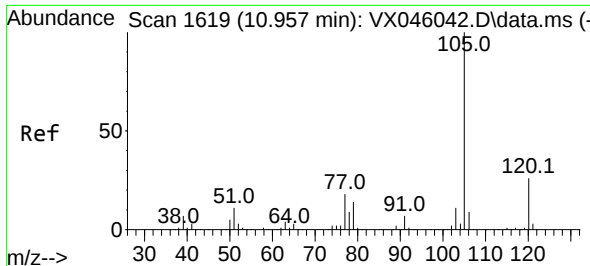
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion:152 Resp: 63102
Ion Ratio Lower Upper
152 100
115 93.8 46.9 140.7
150 175.4 0.0 351.0





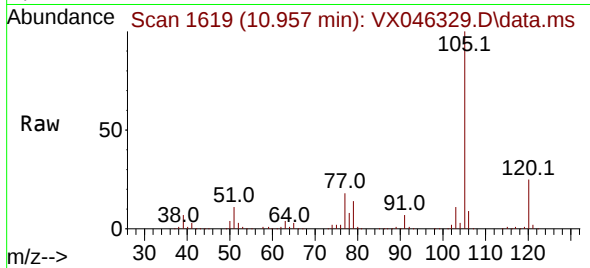
#73
Isopropylbenzene
Concen: 51.397 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



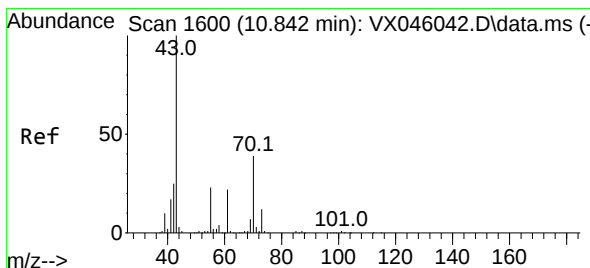
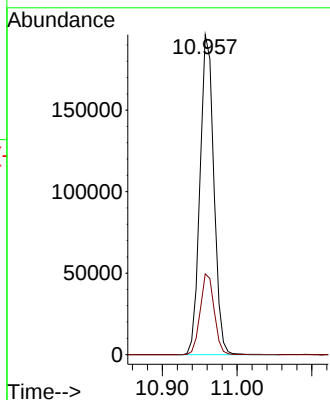
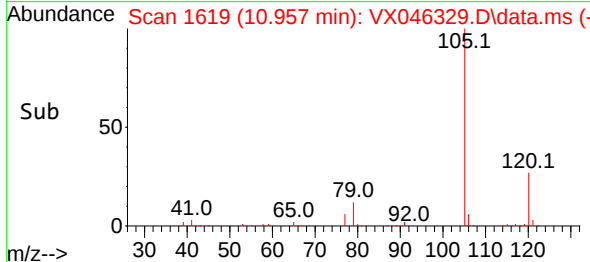
Tgt Ion:105 Resp: 252498
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

Manual Integrations

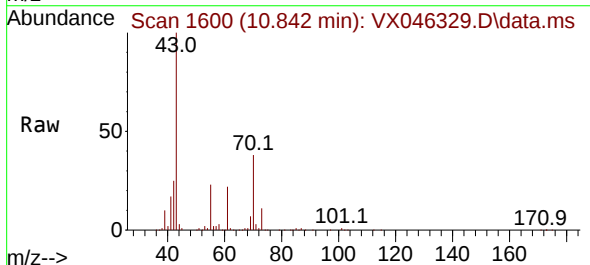
APPROVED

Reviewed By :John Carlone 05/23/2025

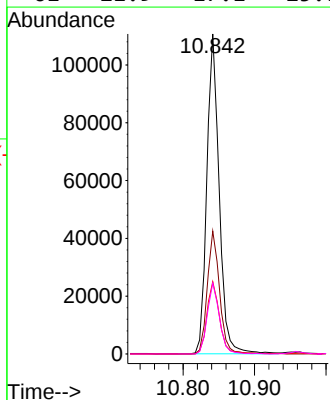
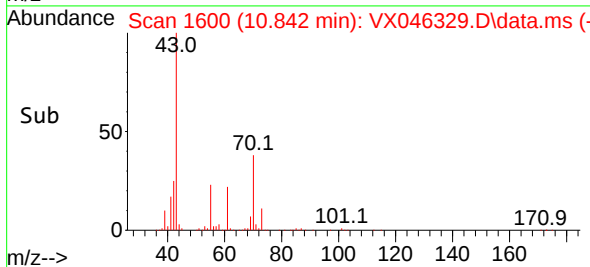
Supervised By :Mahesh Dadoda 05/23/2025

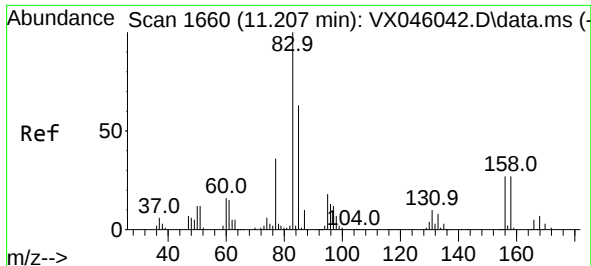


#74
N-ethyl acetate
Concen: 54.759 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



Tgt Ion: 43 Resp: 132931
Ion Ratio Lower Upper
43 100
70 38.2 30.9 46.3
55 23.1 18.7 28.1
61 21.9 17.1 25.7





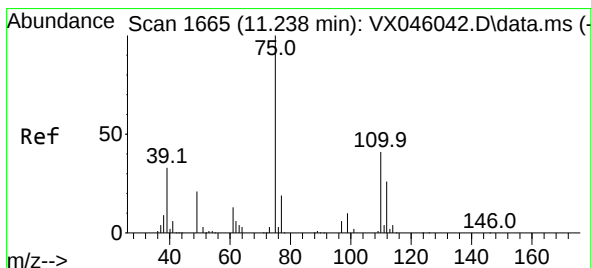
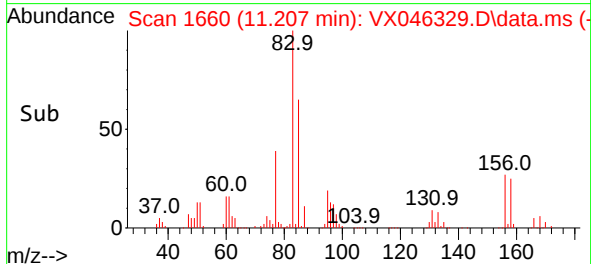
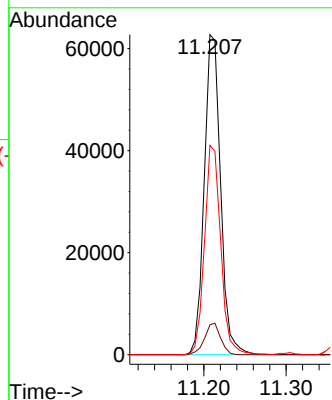
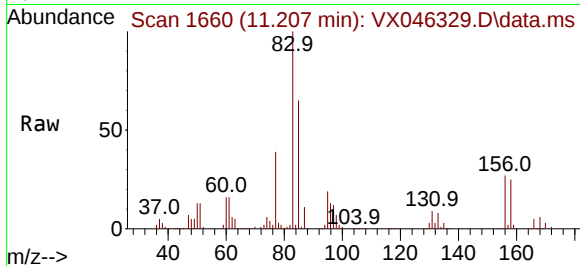
#75
1,1,2,2-Tetrachloroethane
Concen: 50.352 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8668
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 65.0 31.9 95.7

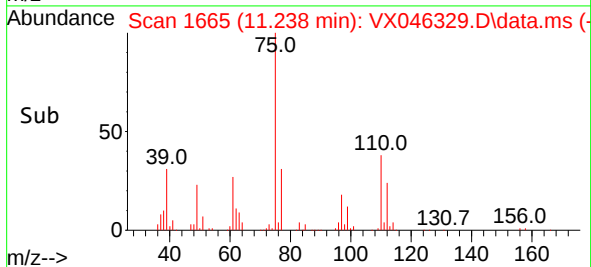
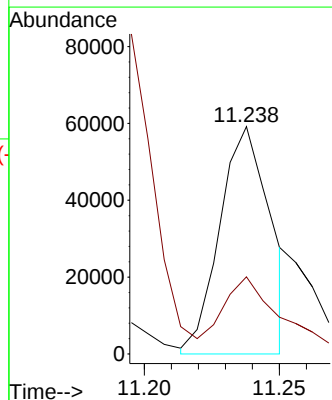
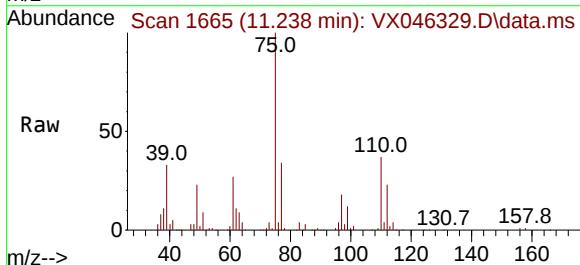
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#76
1,2,3-Trichloropropane
Concen: 50.568 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

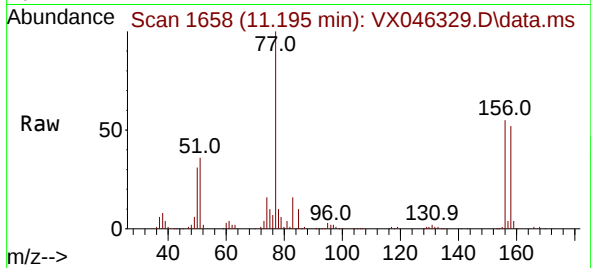
Tgt Ion: 75 Resp: 76808
Ion Ratio Lower Upper
75 100
77 40.2 20.5 61.5





#77
Bromobenzene
Concen: 49.796 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

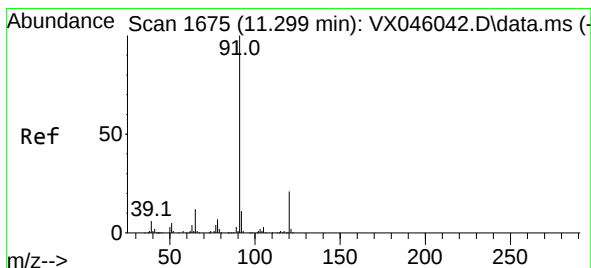
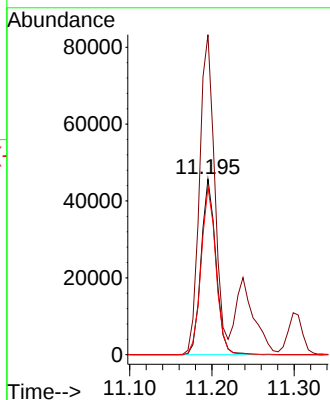
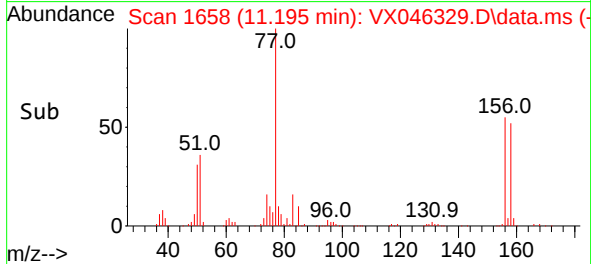
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 56794
Ion Ratio Lower Upper
156 100
77 188.1 92.8 278.3
158 96.4 48.8 146.3

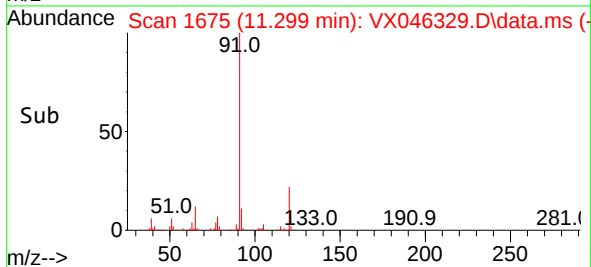
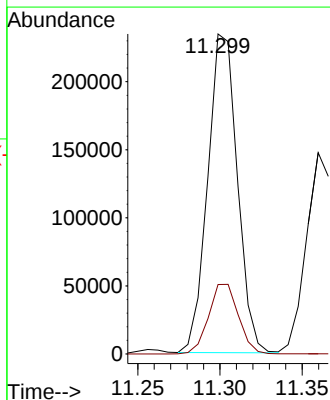
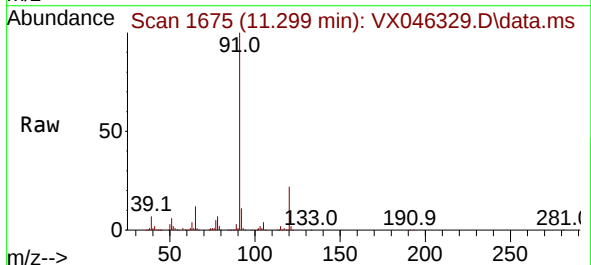
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#78
n-propylbenzene
Concen: 51.512 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Tgt Ion: 91 Resp: 294243
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





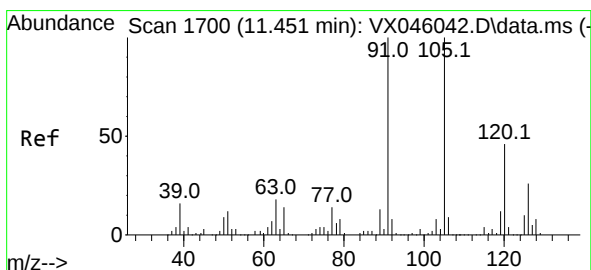
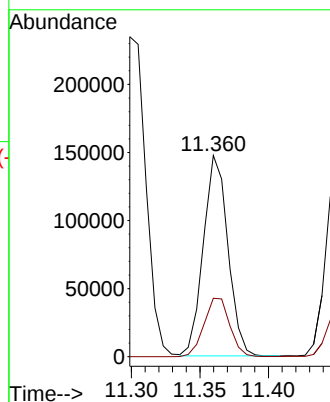
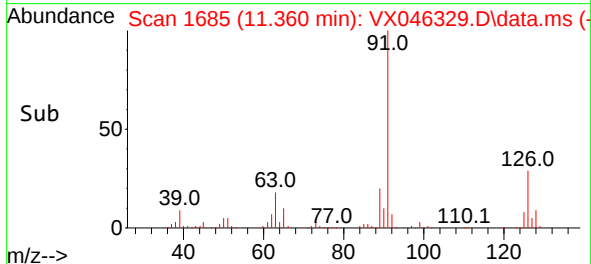
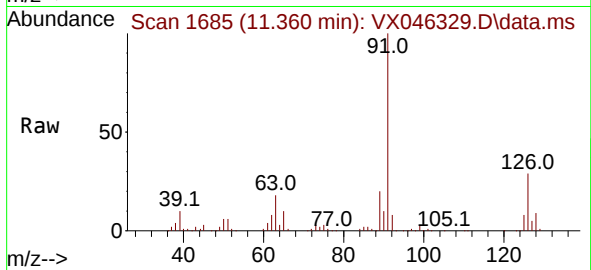
#79
2-Chlorotoluene
Concen: 49.797 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 18347
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.7

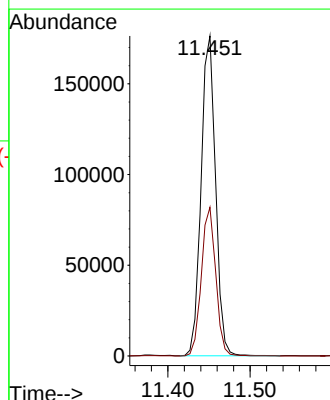
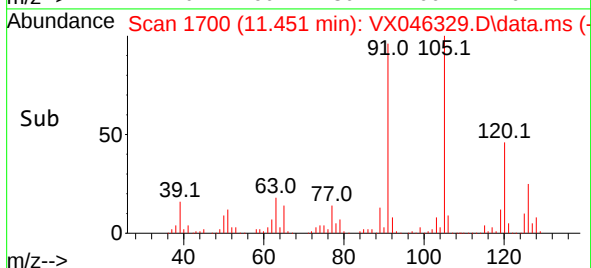
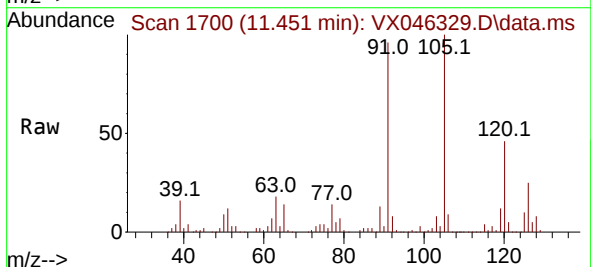
Manual Integrations
APPROVED

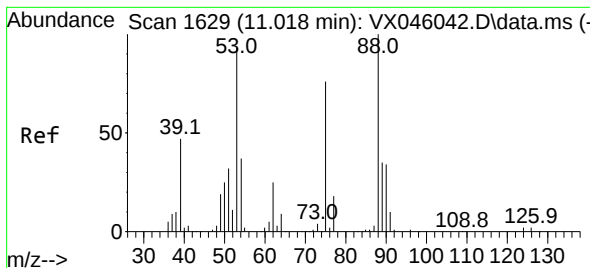
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.530 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

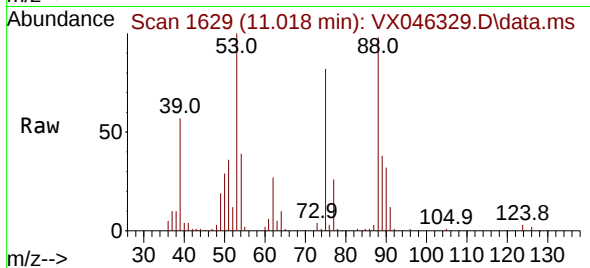
Tgt Ion:105 Resp: 215594
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 49.409 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

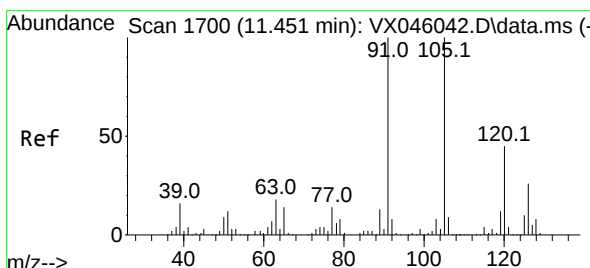
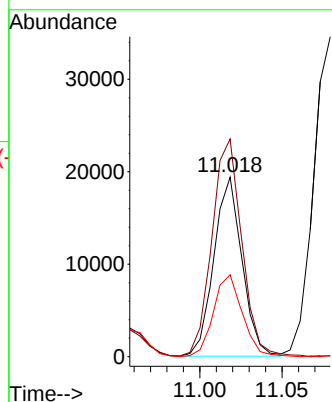
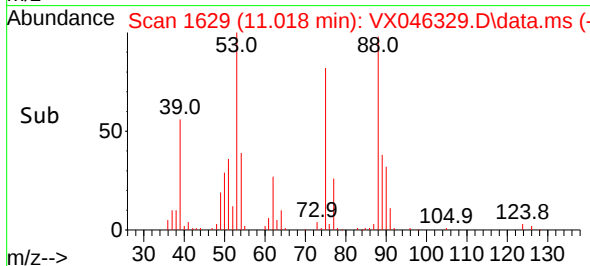
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2305
Ion Ratio Lower Upper
75 100
53 129.1 100.5 150.7
89 47.0 37.0 55.6

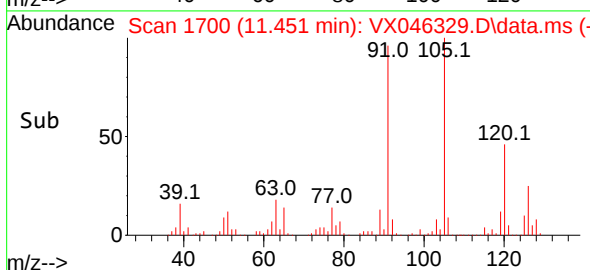
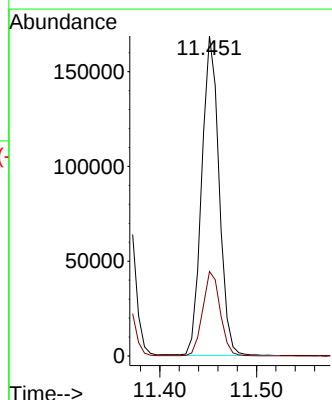
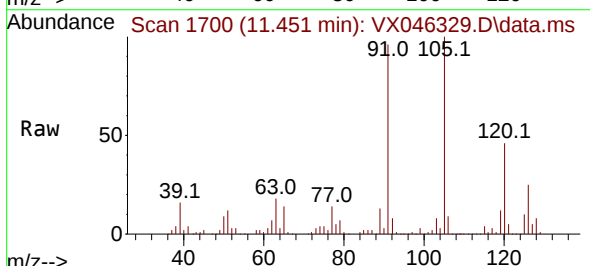
Manual Integrations
APPROVED

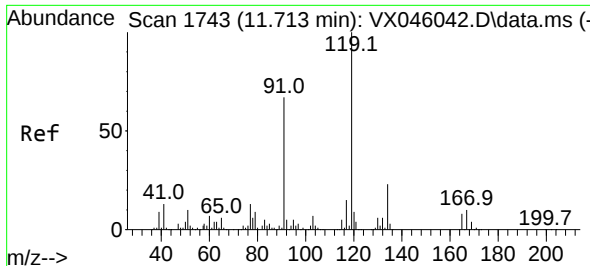
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 51.573 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

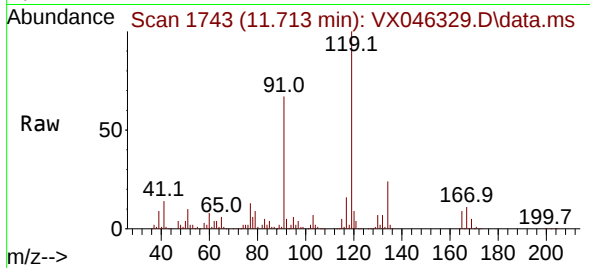
Tgt Ion: 91 Resp: 210721
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8





#83
tert-Butylbenzene
Concen: 51.741 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

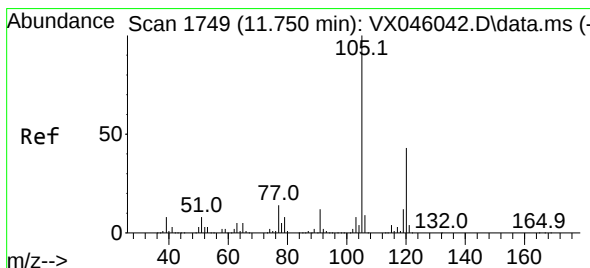
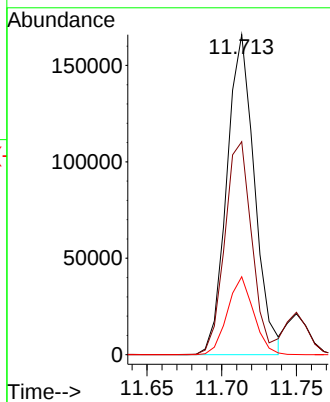
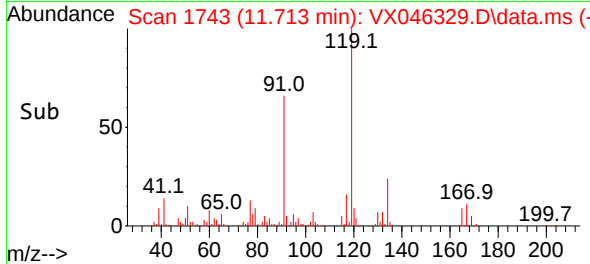
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



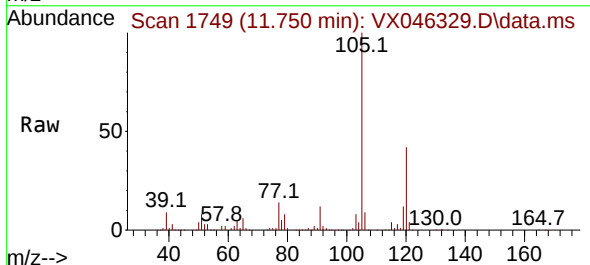
Tgt Ion:119 Resp: 21390
Ion Ratio Lower Upper
119 100
91 64.7 32.9 98.7
134 23.0 11.4 34.1

Manual Integrations
APPROVED

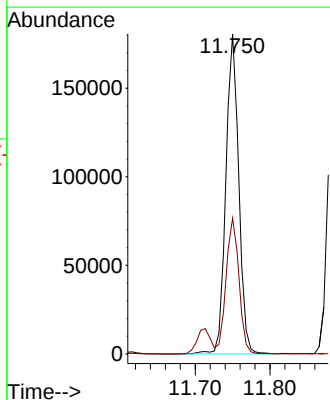
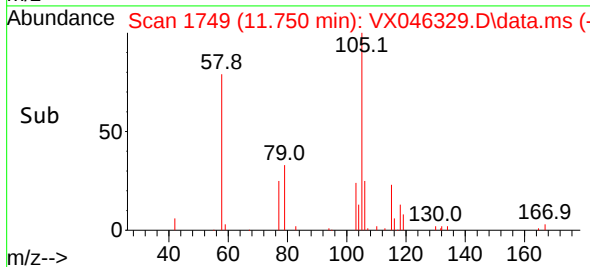
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

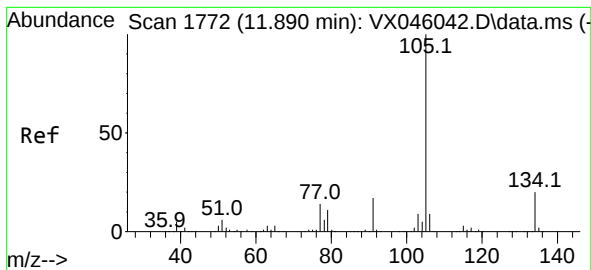


#84
1,2,4-Trimethylbenzene
Concen: 52.239 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



Tgt Ion:105 Resp: 217118
Ion Ratio Lower Upper
105 100
120 42.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.239 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046329.D
 Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

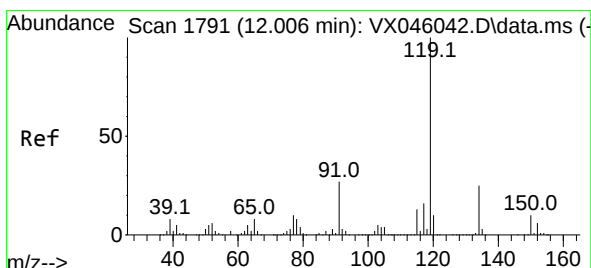
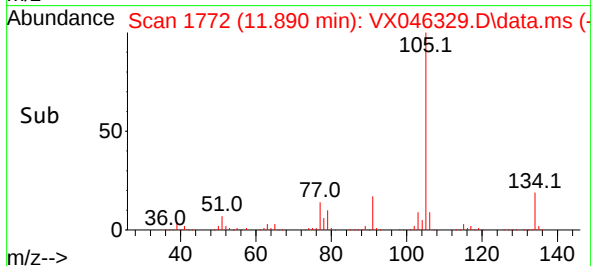
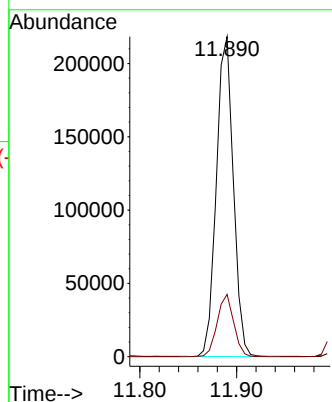
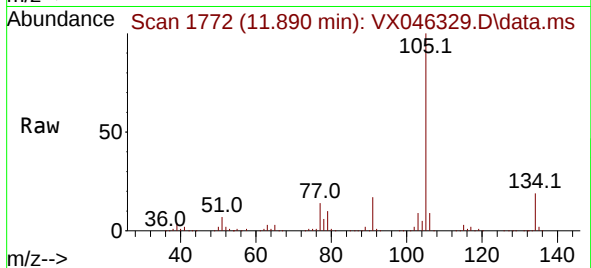
VSTDCCC050EC

Tgt Ion:105 Resp: 26516
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

Manual Integrations

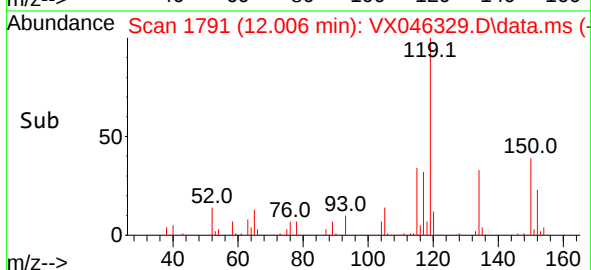
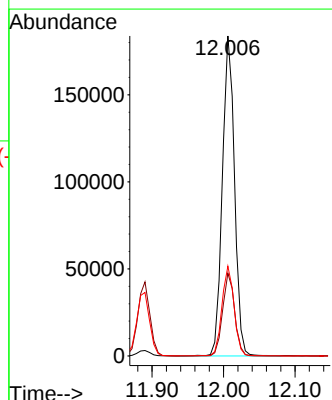
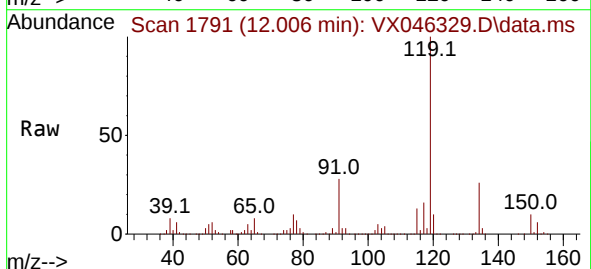
APPROVED

Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#86
 p-Isopropyltoluene
 Concen: 51.860 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046329.D
 Acq: 22 May 2025 15:06

Tgt Ion:119 Resp: 217288
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.5 37.5
 91 27.9 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 50.846 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 10583

Ion Ratio Lower Upper

146 100

111 44.5 22.1 66.3

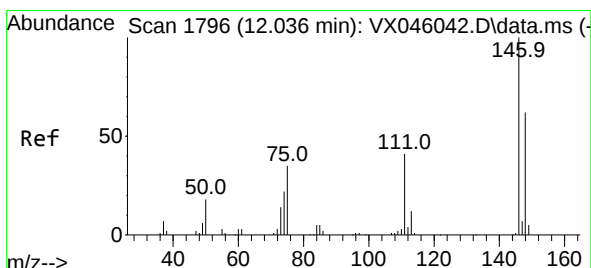
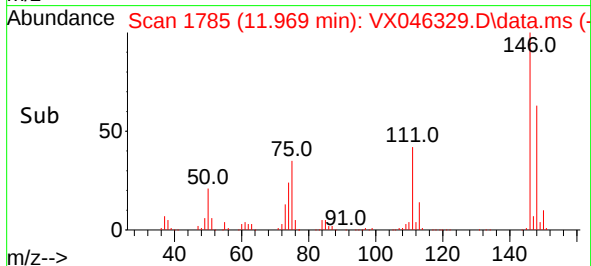
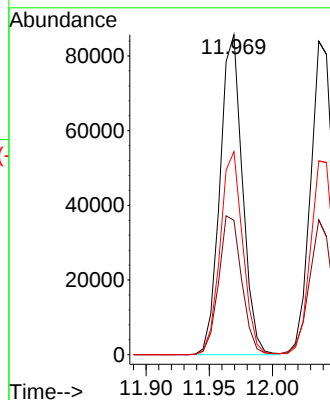
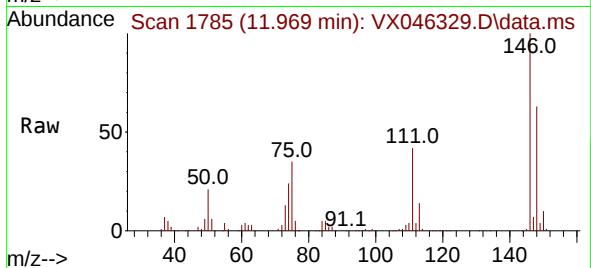
148 63.8 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#88

1,4-Dichlorobenzene

Concen: 49.704 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046329.D

Acq: 22 May 2025 15:06

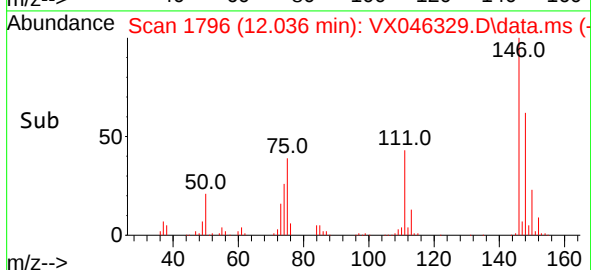
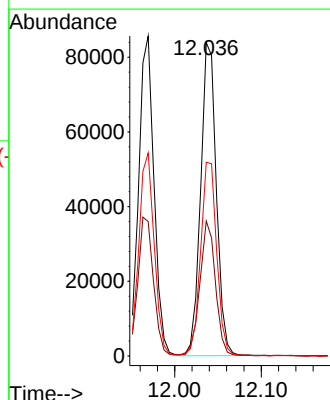
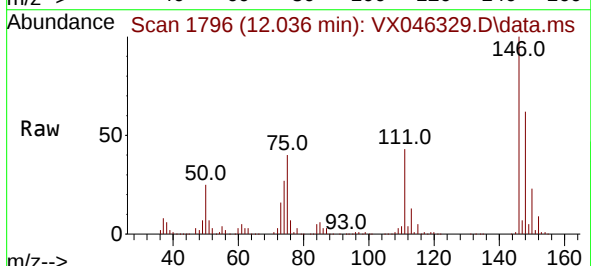
Tgt Ion:146 Resp: 105661

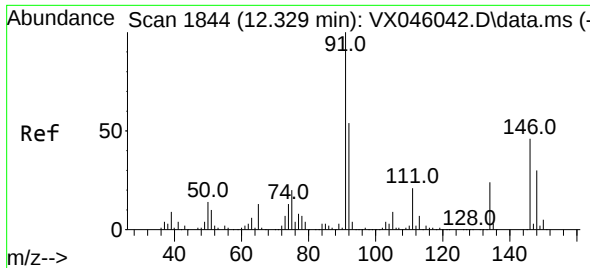
Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.9

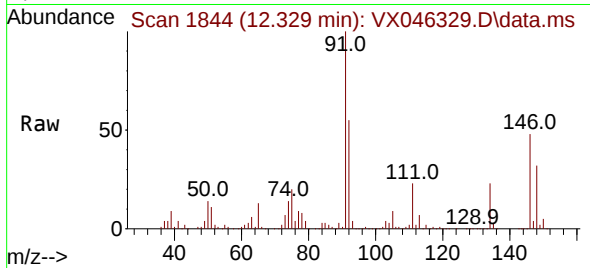
148 63.8 31.9 95.5





#89
n-Butylbenzene
Concen: 52.492 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

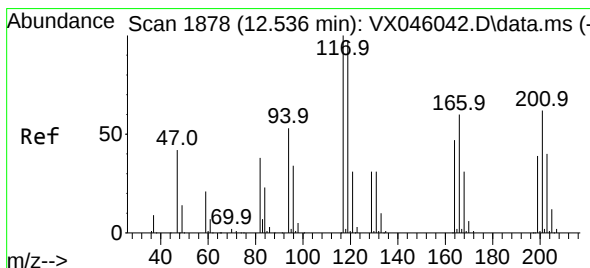
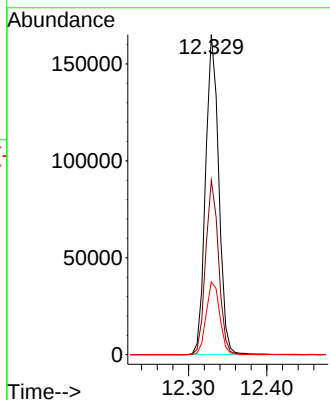
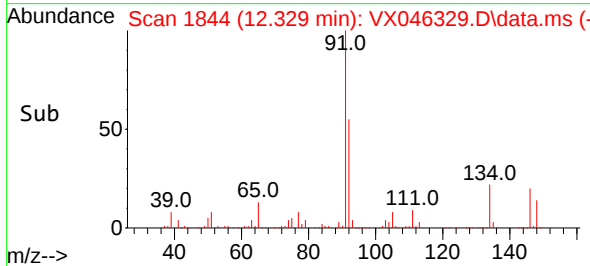
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 192919
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 23.3 11.8 35.3

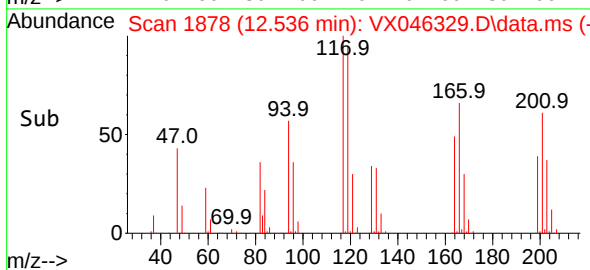
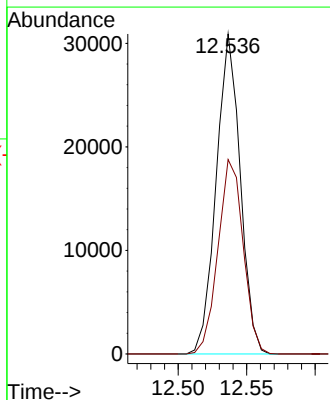
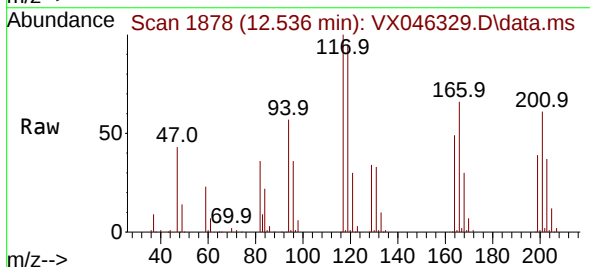
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#90
Hexachloroethane
Concen: 51.003 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

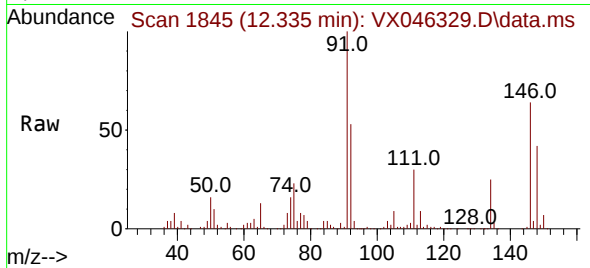
Tgt Ion:117 Resp: 37648
Ion Ratio Lower Upper
117 100
201 63.8 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 51.638 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

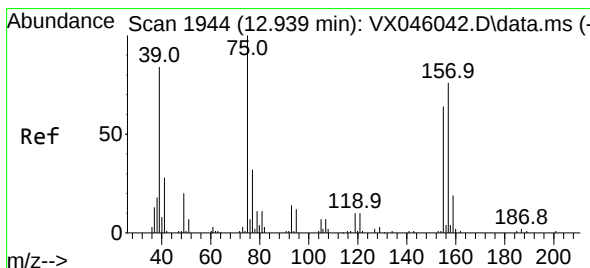
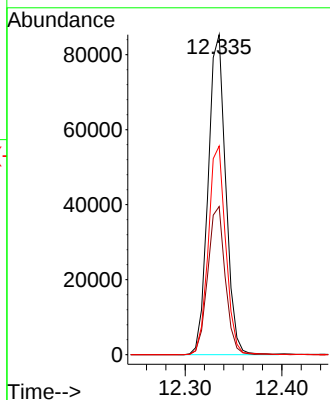
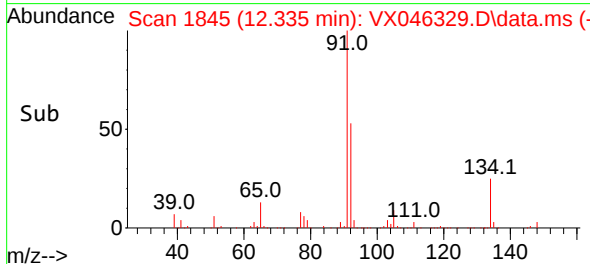
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



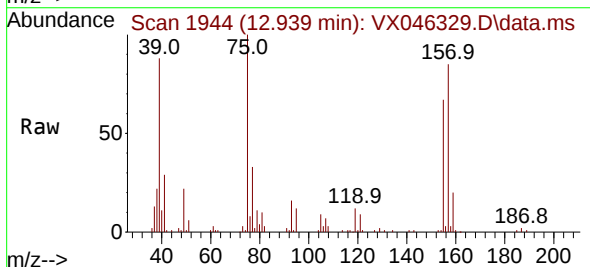
Tgt Ion:146 Resp: 107862
Ion Ratio Lower Upper
146 100
111 46.2 22.4 67.3
148 64.6 31.6 94.8

Manual Integrations
APPROVED

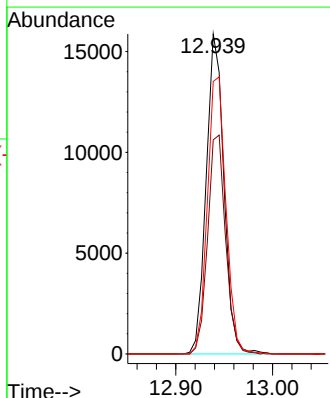
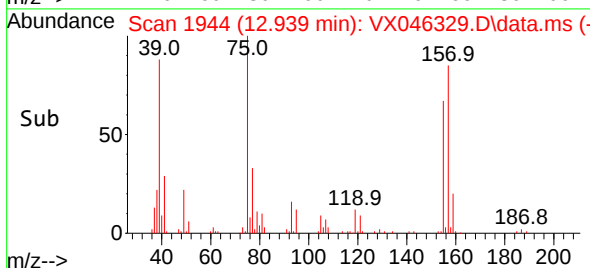
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

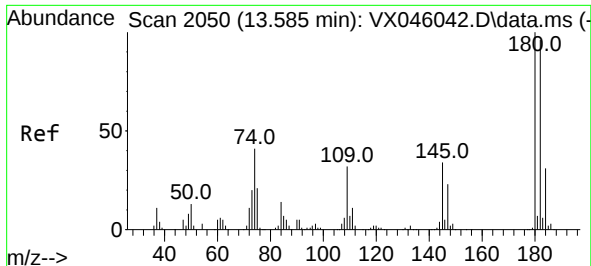


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.931 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



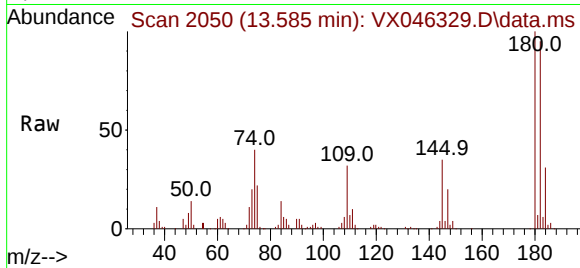
Tgt Ion: 75 Resp: 20187
Ion Ratio Lower Upper
75 100
155 69.5 34.9 104.8
157 90.4 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 50.173 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

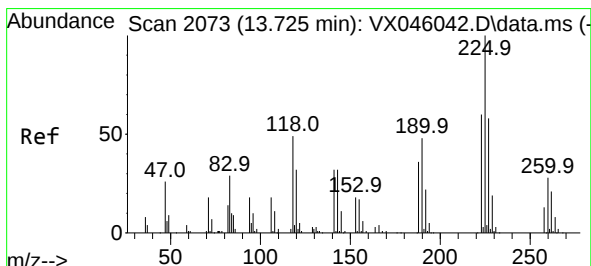
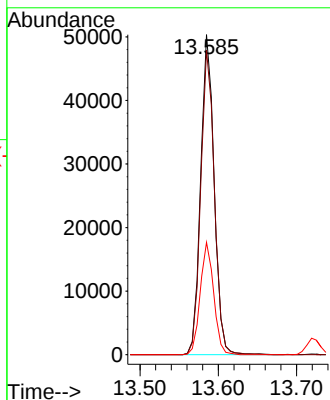
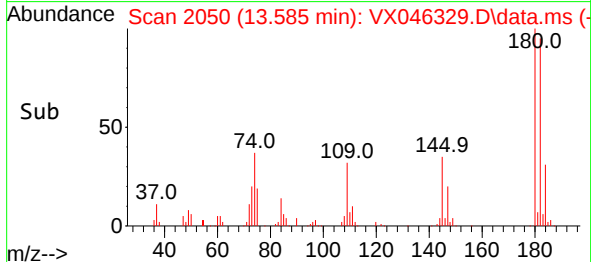
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



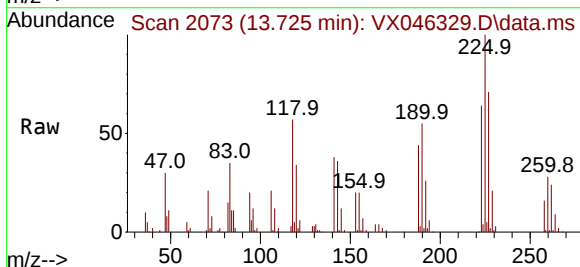
Tgt Ion:180 Resp: 60193
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.8
145 35.0 17.1 51.2

Manual Integrations
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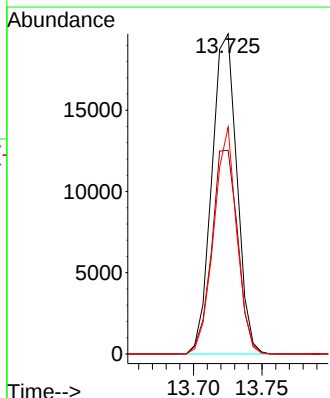
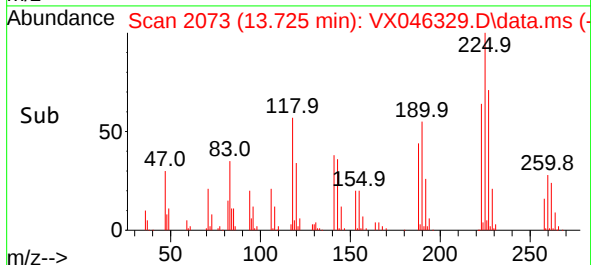
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#94
Hexachlorobutadiene
Concen: 47.782 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



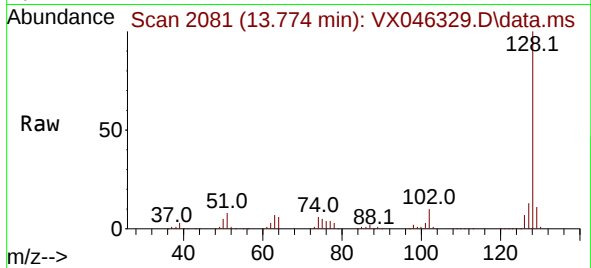
Tgt Ion:225 Resp: 25036
Ion Ratio Lower Upper
225 100
223 66.1 30.8 92.4
227 64.9 30.9 92.7





#95
Naphthalene
Concen: 51.783 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06

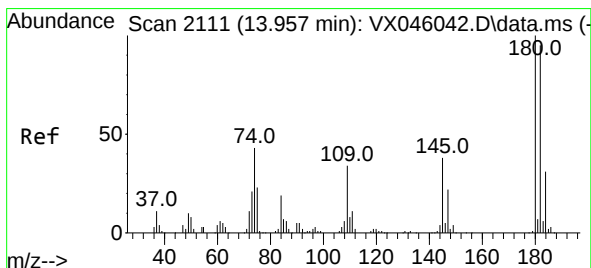
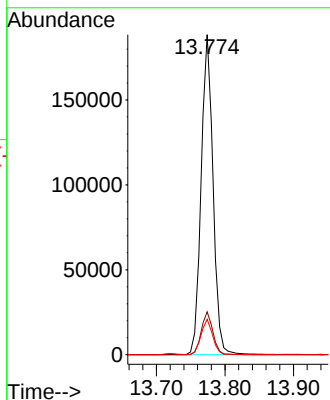
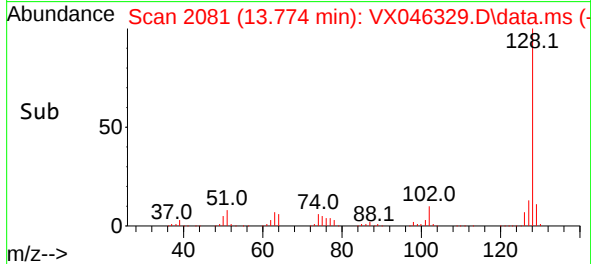
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



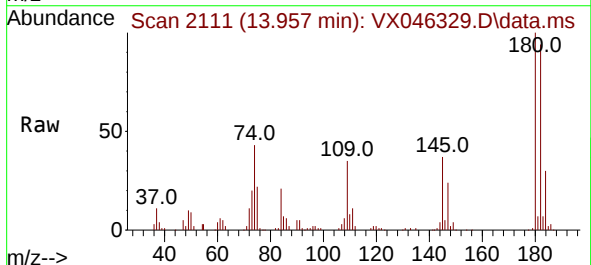
Tgt Ion:128 Resp: 227854
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.070 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046329.D
Acq: 22 May 2025 15:06



Tgt Ion:180 Resp: 63220
Ion Ratio Lower Upper
180 100
182 94.3 47.8 143.3
145 36.5 18.1 54.3

