

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045429.D
 Acq On : 24 Mar 2025 20:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:41:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	79380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72771	57.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.260%			
35) Dibromofluoromethane	5.379	113	52802	56.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.080%			
50) Toluene-d8	8.647	98	179910	52.665	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	11.079	95	66953	59.145	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45997	46.034	ug/l	99
3) Chloromethane	1.307	50	54331	44.431	ug/l	98
4) Vinyl Chloride	1.374	62	50608	41.720	ug/l	99
5) Bromomethane	1.593	94	22956	48.139	ug/l	100
6) Chloroethane	1.666	64	28891	51.635	ug/l	97
7) Trichlorofluoromethane	1.867	101	77611	48.330	ug/l	97
8) Diethyl Ether	2.136	74	28336	45.113	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	48237	52.284	ug/l	97
10) Methyl Iodide	2.441	142	62107	53.868	ug/l	95
11) Tert butyl alcohol	2.983	59	50665	211.839	ug/l	98
12) 1,1-Dichloroethene	2.306	96	47178	48.367	ug/l	92
13) Acrolein	2.233	56	90633	327.822	ug/l	98
14) Allyl chloride	2.654	41	90538	52.145	ug/l	95
15) Acrylonitrile	3.062	53	170299	265.679	ug/l	99
16) Acetone	2.386	43	155486	265.410	ug/l	96
17) Carbon Disulfide	2.501	76	91918	35.381	ug/l	98
18) Methyl Acetate	2.703	43	98571	69.942	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	172724	52.780	ug/l	98
20) Methylene Chloride	2.782	84	57405	49.467	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	47238	49.020	ug/l	97
22) Diisopropyl ether	3.763	45	188400	53.354	ug/l	97
23) Vinyl Acetate	3.721	43	766218	260.018	ug/l	99
24) 1,1-Dichloroethane	3.605	63	103533	52.316	ug/l	99
25) 2-Butanone	4.556	43	238481	270.441	ug/l	97
26) 2,2-Dichloropropane	4.471	77	59898	64.528	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	61058	51.328	ug/l	94
28) Bromochloromethane	4.897	49	48365	51.274	ug/l	99
29) Tetrahydrofuran	5.007	42	148894	251.430	ug/l	99
30) Chloroform	5.086	83	107493	54.666	ug/l	97
31) Cyclohexane	5.458	56	80394	46.799	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	86620	54.542	ug/l	97
36) 1,1-Dichloropropene	5.684	75	65568	50.739	ug/l	99
37) Ethyl Acetate	4.714	43	83953	50.417	ug/l	99
38) Carbon Tetrachloride	5.672	117	71248	54.307	ug/l	99
39) Methylcyclohexane	7.373	83	74956	48.408	ug/l	99
40) Benzene	6.031	78	208827	51.175	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52783	58.623	ug/l	97
42) 1,2-Dichloroethane	6.080	62	87114	59.283	ug/l	96
43) Isopropyl Acetate	6.342	43	134746	54.724	ug/l	99
44) Trichloroethene	7.123	130	48817	50.948	ug/l	92
45) 1,2-Dichloropropane	7.427	63	55529	52.926	ug/l	99
46) Dibromomethane	7.580	93	41248	55.622	ug/l	96
47) Bromodichloromethane	7.818	83	81764	56.211	ug/l	98
48) Methyl methacrylate	7.690	41	71093	57.551	ug/l	94
49) 1,4-Dioxane	7.659	88	26730	1025.803	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	484628	293.128	ug/l	99
52) Toluene	8.714	92	127484	53.247	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	69031	56.767	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	78264	55.193	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	54257	55.047	ug/l	96
56) Ethyl methacrylate	9.116	69	87426	58.353	ug/l	94
57) 1,3-Dichloropropane	9.305	76	93605	54.877	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	210140	287.528	ug/l	99
59) 2-Hexanone	9.427	43	352647	294.391	ug/l	99
60) Dibromochloromethane	9.518	129	59070	57.318	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54221	55.105	ug/l	98
64) Tetrachloroethene	9.269	164	40631	49.746	ug/l	95
65) Chlorobenzene	10.079	112	139977	51.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	47764	53.151	ug/l	99
67) Ethyl Benzene	10.189	91	250322	53.238	ug/l	98
68) m/p-Xylenes	10.299	106	181238	105.294	ug/l	95
69) o-Xylene	10.640	106	91030	52.437	ug/l	98
70) Styrene	10.652	104	157381	56.029	ug/l	98
71) Bromoform	10.799	173	37887	55.909	ug/l #	97
73) Isopropylbenzene	10.957	105	242935	51.530	ug/l	98
74) N-amyl acetate	10.841	43	116309	52.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	87517	50.588	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72625m	51.660	ug/l	
77) Bromobenzene	11.195	156	56843	51.103	ug/l	97
78) n-propylbenzene	11.299	91	283698	53.271	ug/l	99
79) 2-Chlorotoluene	11.360	91	172828	50.957	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	201673	52.906	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20287	49.385	ug/l	89
82) 4-Chlorotoluene	11.451	91	196524	53.166	ug/l	98
83) tert-Butylbenzene	11.713	119	201144	51.356	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	204246	53.251	ug/l	98
85) sec-Butylbenzene	11.890	105	253554	54.043	ug/l	99
86) p-Isopropyltoluene	12.006	119	204726	53.996	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	101152	50.976	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	101650	50.634	ug/l	98
89) n-Butylbenzene	12.329	91	182883	56.004	ug/l	99
90) Hexachloroethane	12.536	117	35393	51.608	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	102600	51.543	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18601	55.190	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	59017	52.069	ug/l	99
94) Hexachlorobutadiene	13.725	225	23730	51.066	ug/l	99
95) Naphthalene	13.774	128	223298	51.277	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	61297	51.264	ug/l	97

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

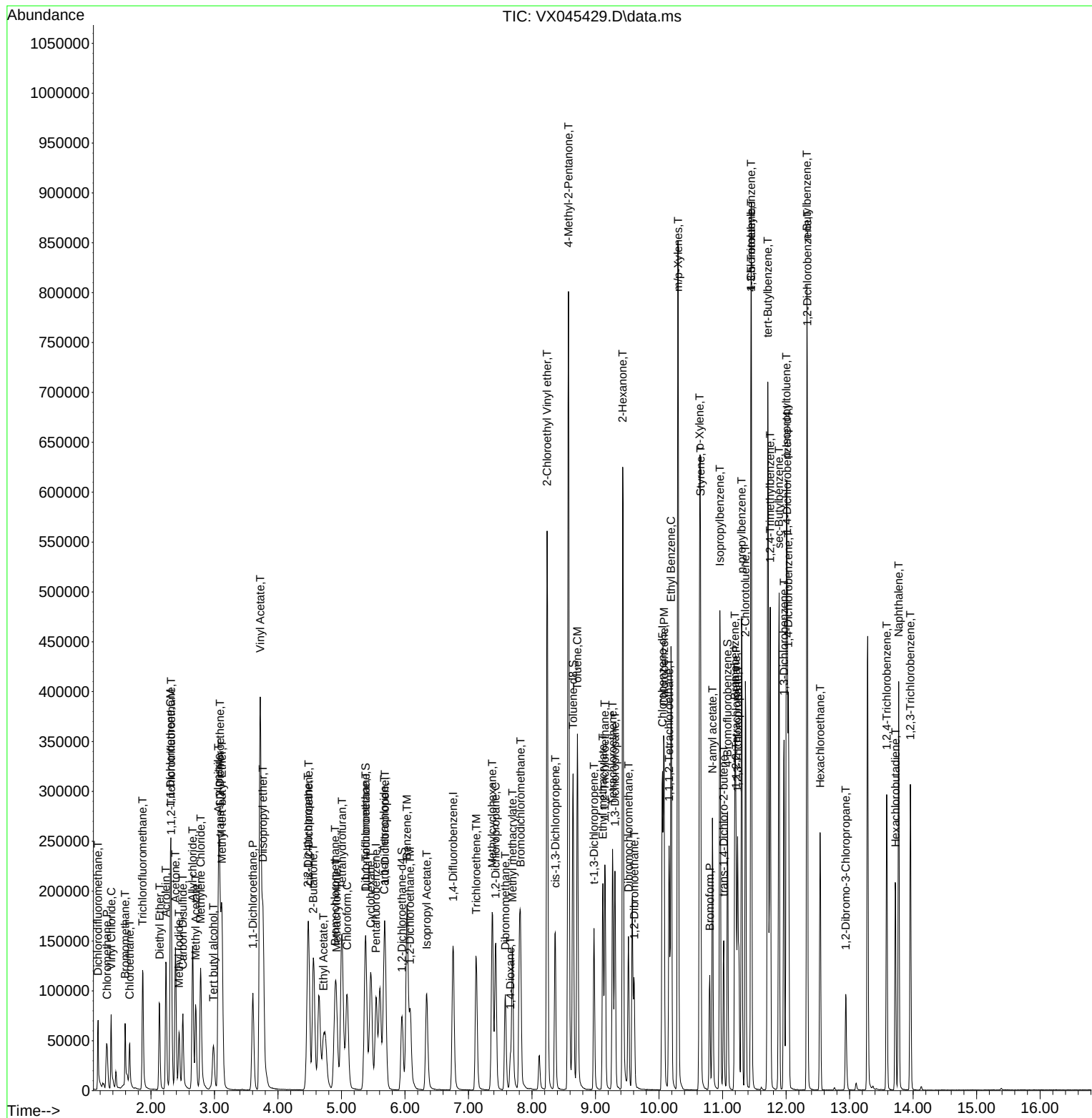
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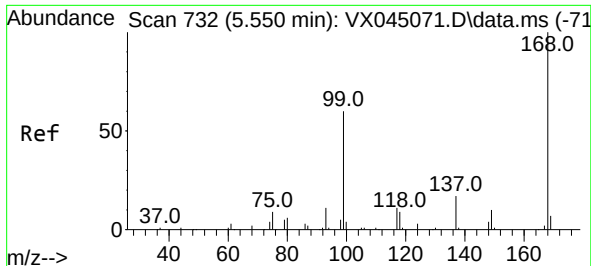
Instrument :
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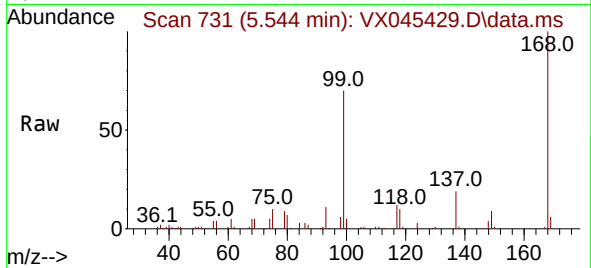
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045429.D
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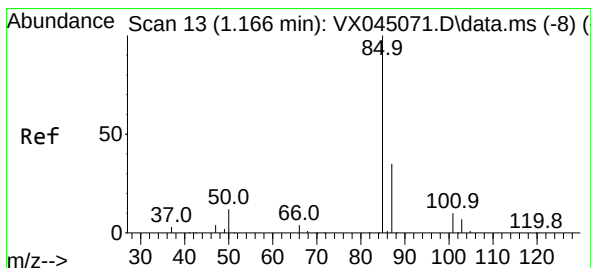
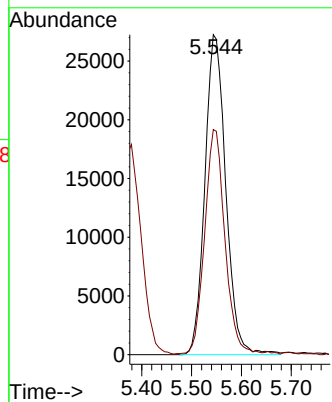
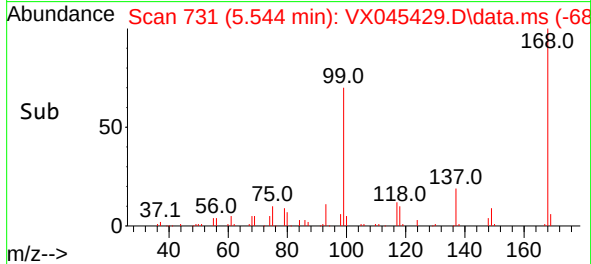
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 79380
Ion Ratio Lower Upper
168 100
99 70.2 48.2 72.4

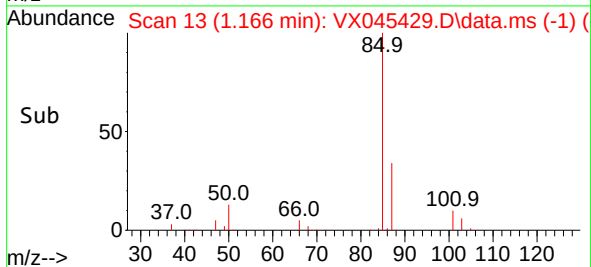
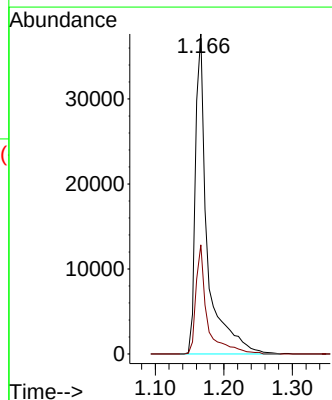
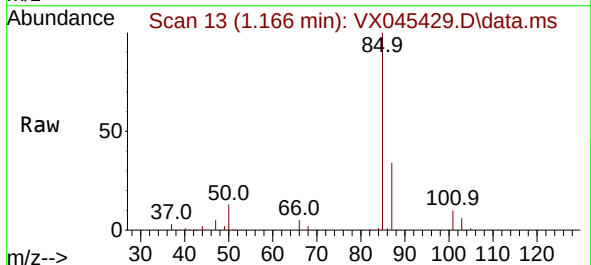
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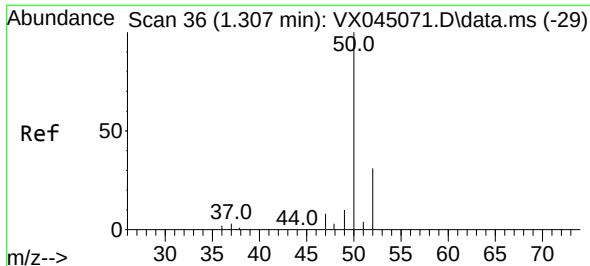
Reviewed By :John Carlone 03/25/2025
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#2
Dichlorodifluoromethane
Concen: 46.034 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion: 85 Resp: 45997
Ion Ratio Lower Upper
85 100
87 34.1 17.4 52.3





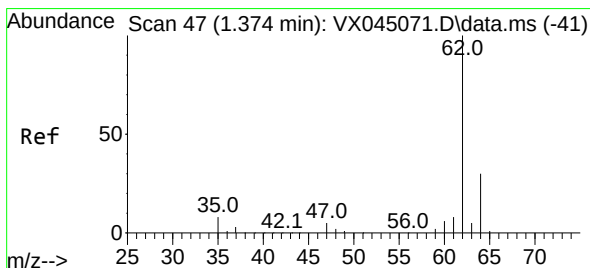
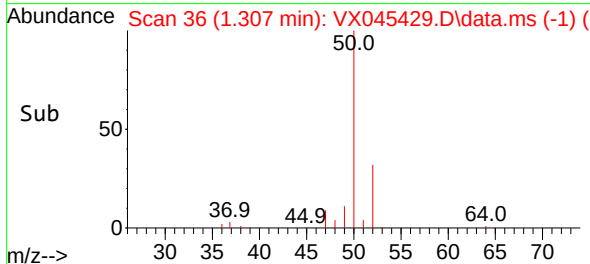
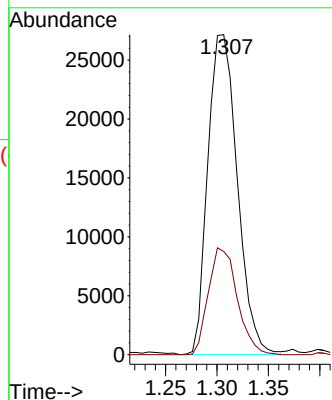
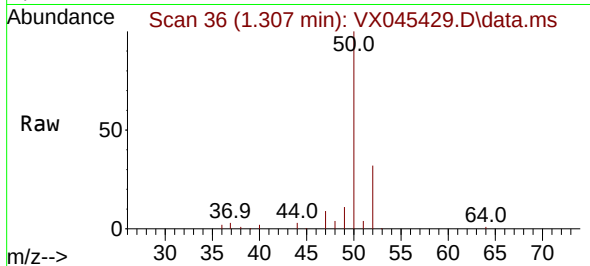
#3
Chloromethane
Concen: 44.431 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
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Tgt Ion: 50 Resp: 5433
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

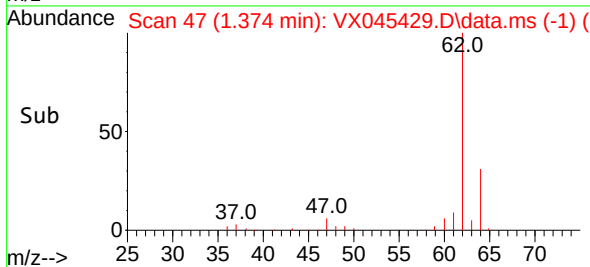
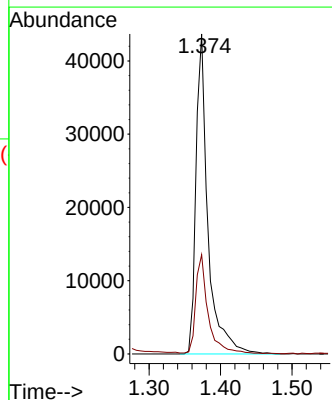
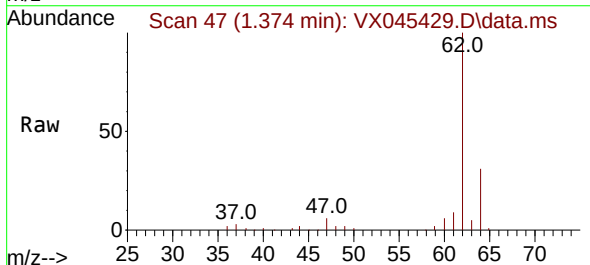
Manual Integrations
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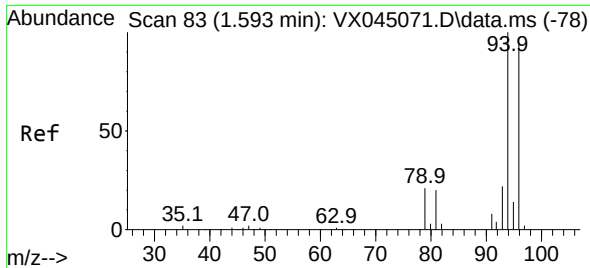
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#4
Vinyl Chloride
Concen: 41.720 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

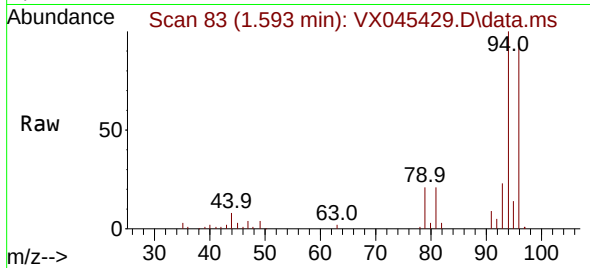
Tgt Ion: 62 Resp: 50608
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5





#5
Bromomethane
Concen: 48.139 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

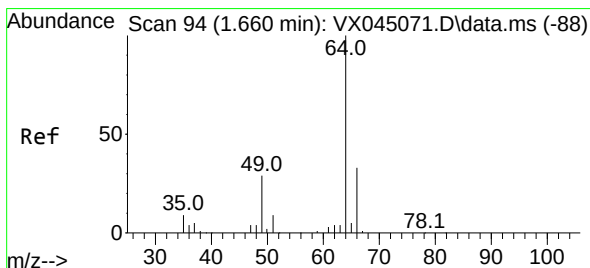
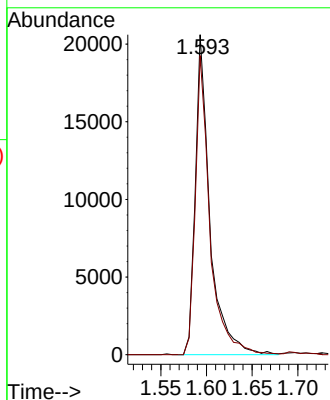
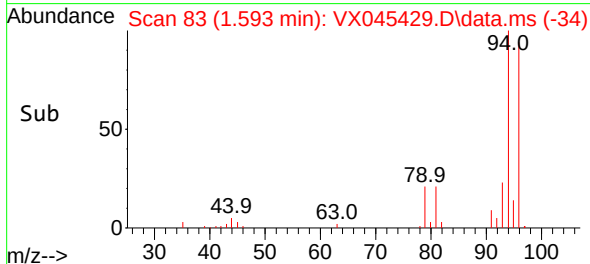
Instrument :
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Tgt Ion: 94 Resp: 22950
Ion Ratio Lower Upper
94 100
96 93.5 75.0 112.4

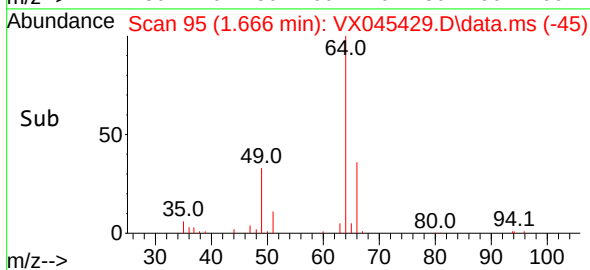
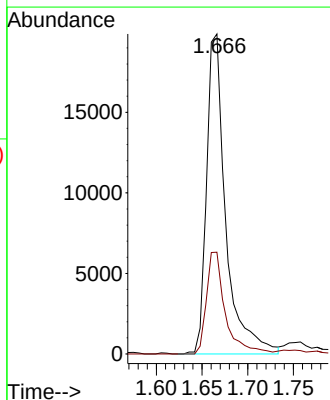
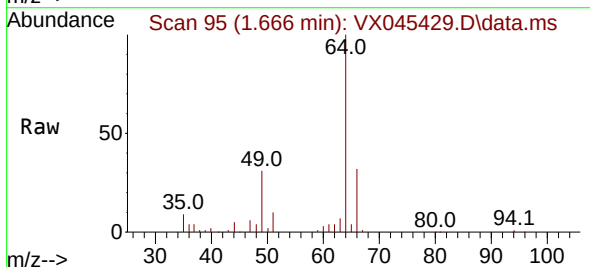
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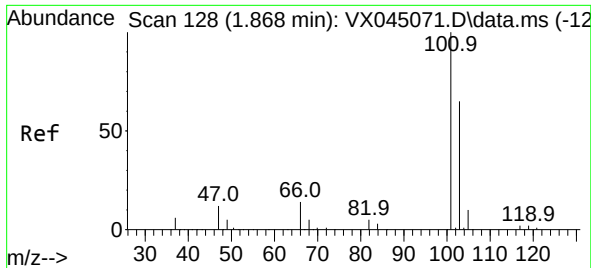
Reviewed By :John Carlone 03/25/2025
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#6
Chloroethane
Concen: 51.635 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

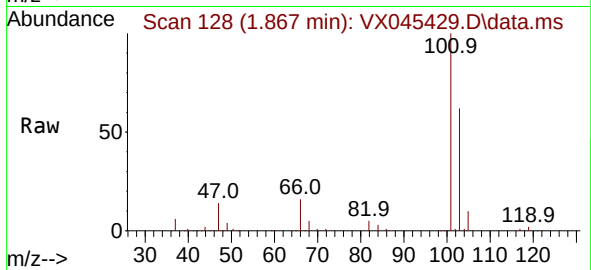
Tgt Ion: 64 Resp: 28891
Ion Ratio Lower Upper
64 100
66 31.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 48.330 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

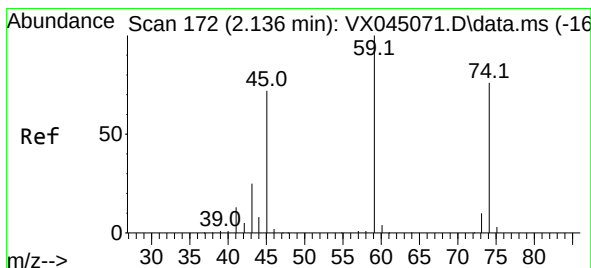
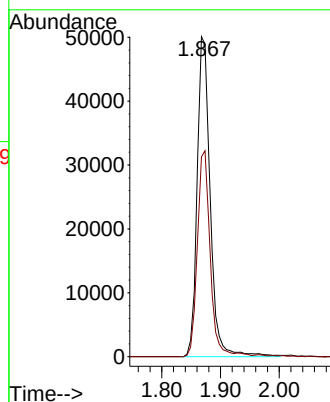
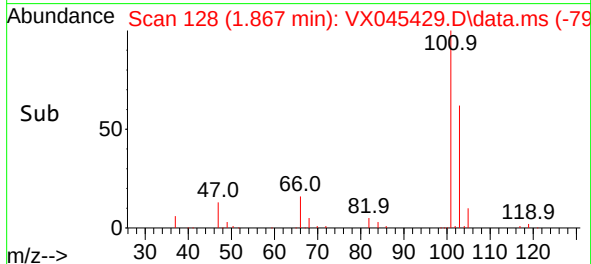
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 7761
Ion Ratio Lower Upper
101 100
103 62.5 52.1 78.1

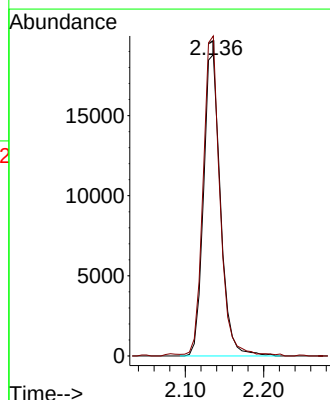
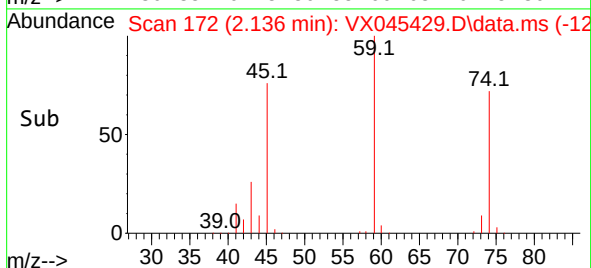
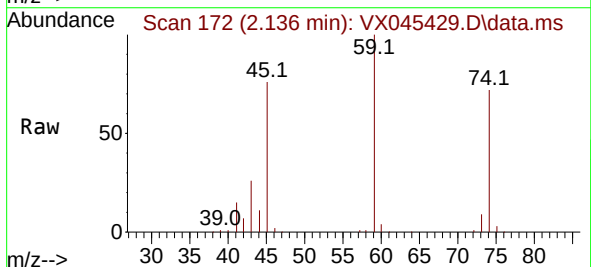
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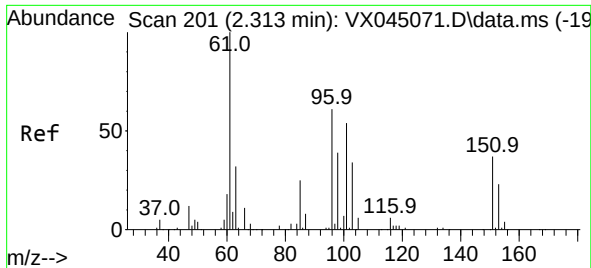
Reviewed By :John Carlone 03/25/2025
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#8
Diethyl Ether
Concen: 45.113 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045429.D
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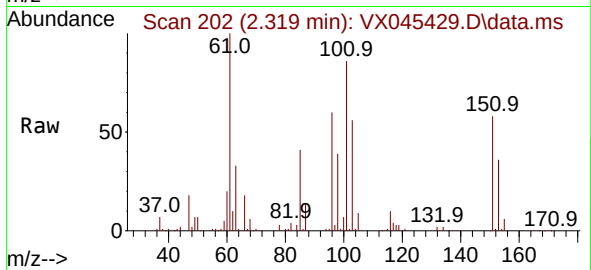
Tgt Ion: 74 Resp: 28336
Ion Ratio Lower Upper
74 100
45 105.6 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.284 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

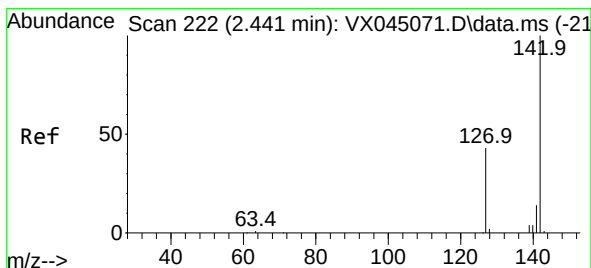
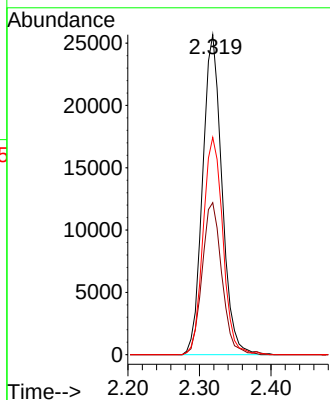
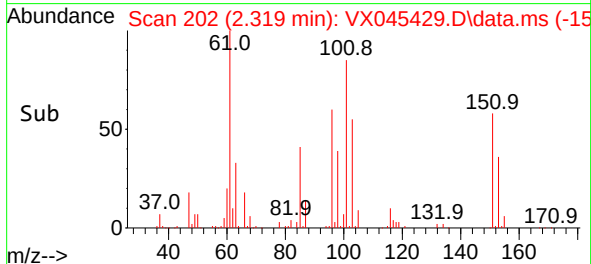
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 4823
Ion Ratio Lower Upper
101 100
85 48.3 36.2 54.4
151 69.3 56.4 84.6

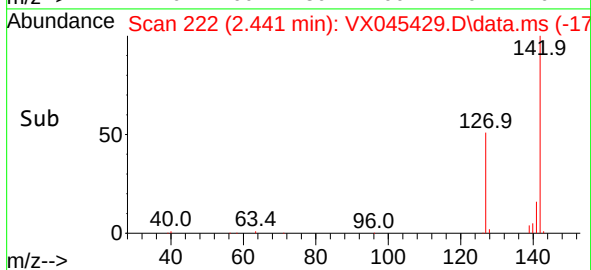
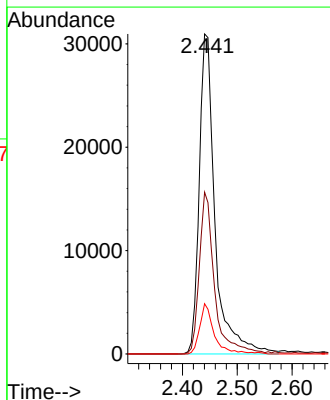
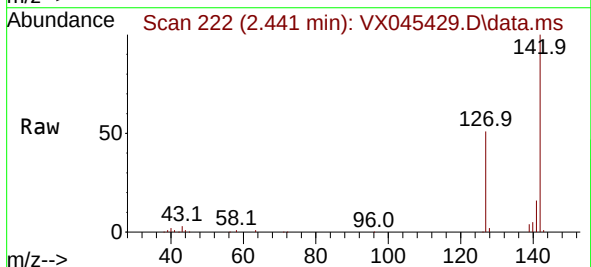
Manual Integrations
APPROVED

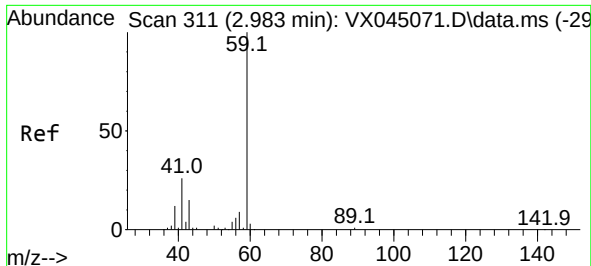
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#10
Methyl Iodide
Concen: 53.868 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

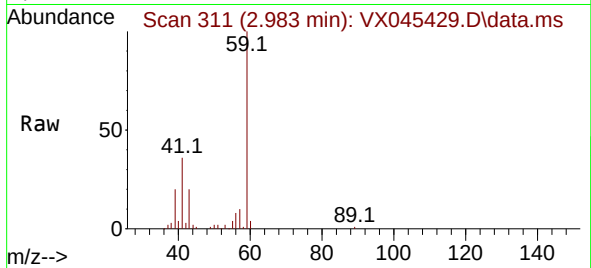
Tgt Ion:142 Resp: 62107
Ion Ratio Lower Upper
142 100
127 48.6 35.4 53.2
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 211.839 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

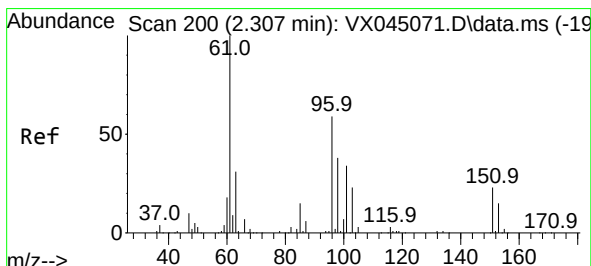
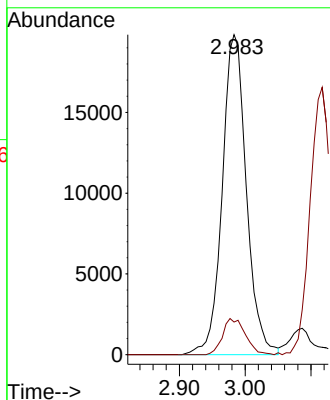
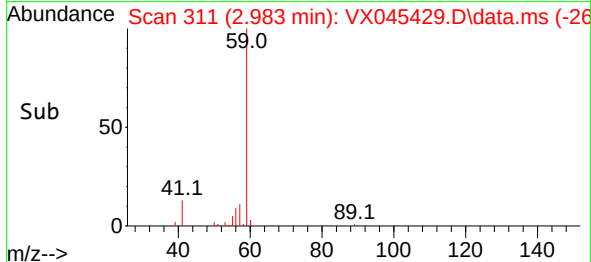
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



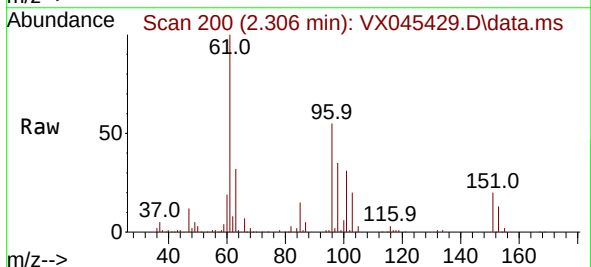
Tgt Ion: 59 Resp: 5066
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

Manual Integrations
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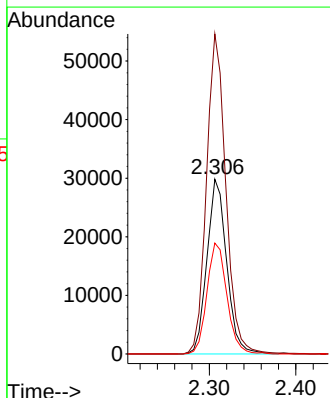
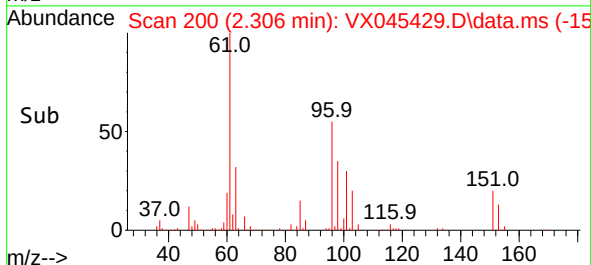
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

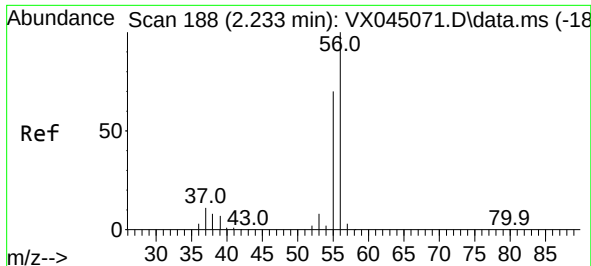


#12
1,1-Dichloroethene
Concen: 48.367 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



Tgt Ion: 96 Resp: 47178
Ion Ratio Lower Upper
96 100
61 183.1 134.6 202.0
98 63.5 51.0 76.6





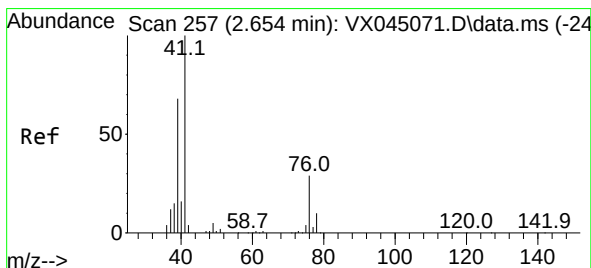
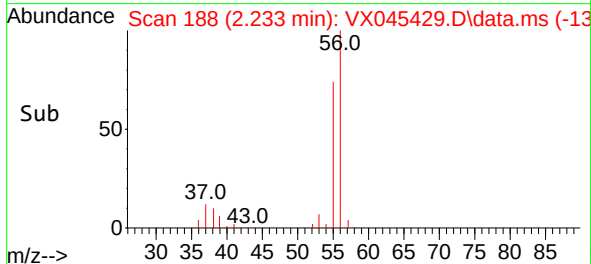
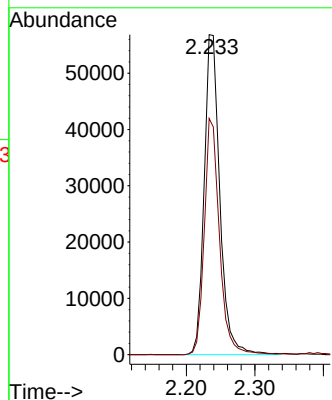
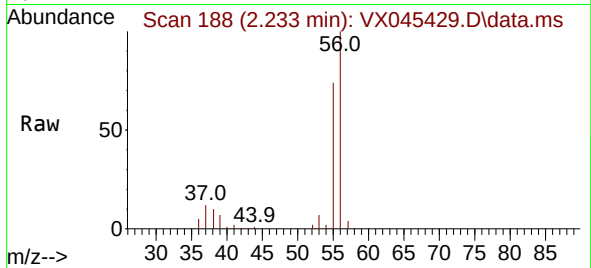
#13
Acrolein
Concen: 327.822 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 90638
Ion Ratio Lower Upper
56 100
55 71.6 56.2 84.4

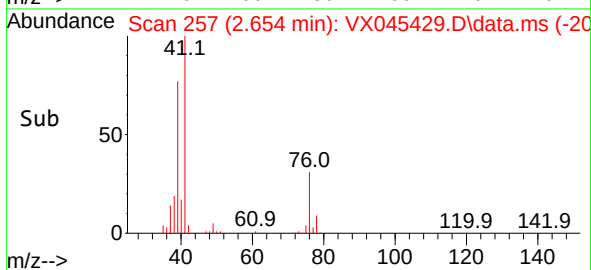
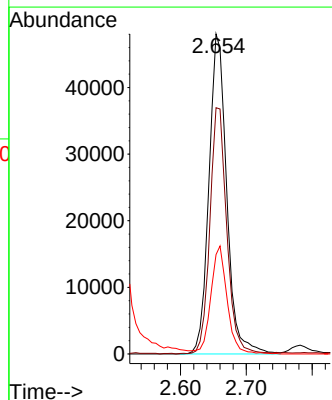
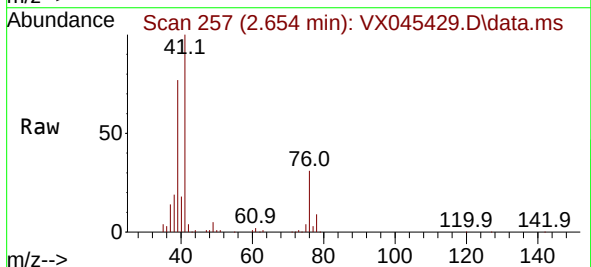
Manual Integrations
APPROVED

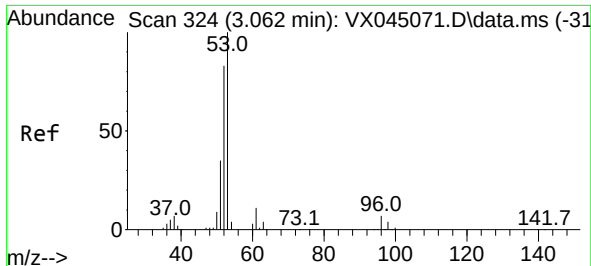
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#14
Allyl chloride
Concen: 52.145 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

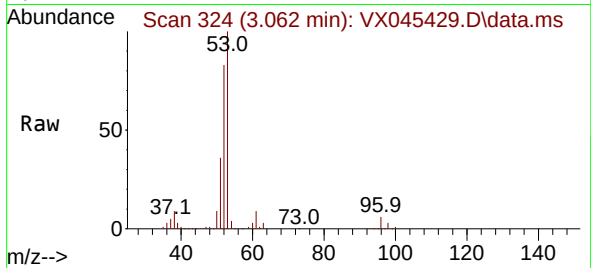
Tgt Ion: 41 Resp: 90538
Ion Ratio Lower Upper
41 100
39 73.3 53.8 80.8
76 31.0 25.2 37.8





#15
Acrylonitrile
Concen: 265.679 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

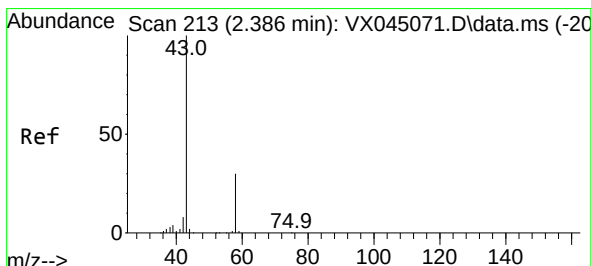
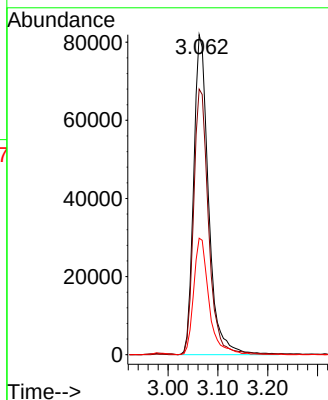
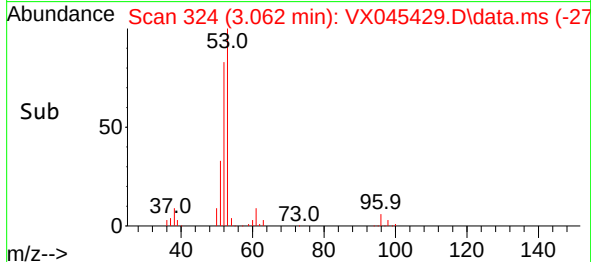
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



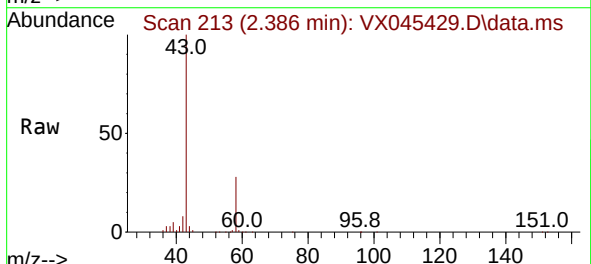
Tgt Ion: 53 Resp: 170299
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 37.6 29.0 43.4

Manual Integrations
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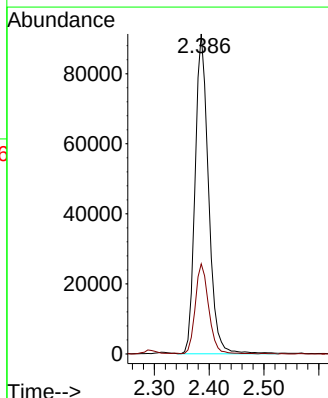
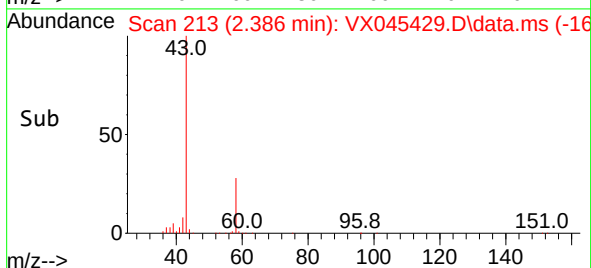
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

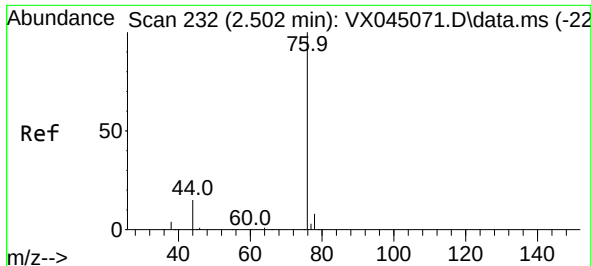


#16
Acetone
Concen: 265.410 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



Tgt Ion: 43 Resp: 155486
Ion Ratio Lower Upper
43 100
58 28.1 24.2 36.4





#17

Carbon Disulfide

Concen: 35.381 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 91918

Ion Ratio Lower Upper

76 100

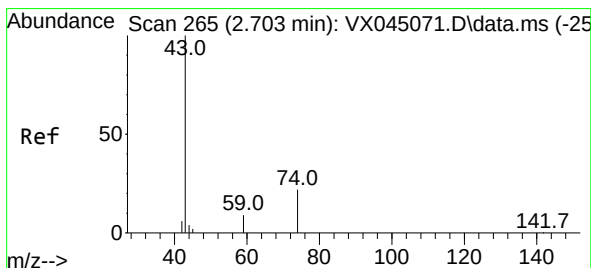
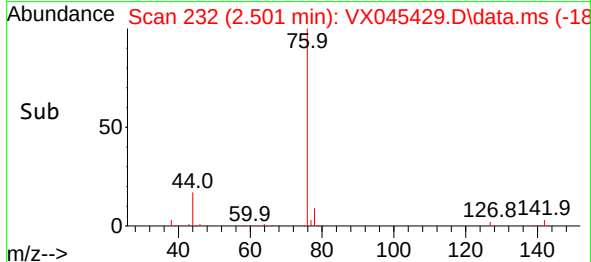
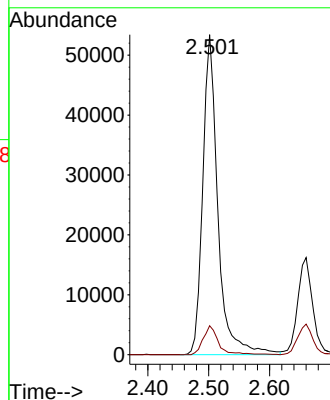
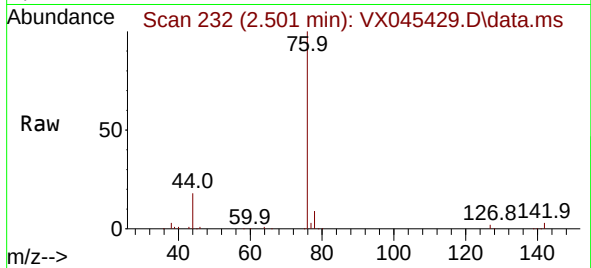
78 9.0 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#18

Methyl Acetate

Concen: 69.942 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045429.D

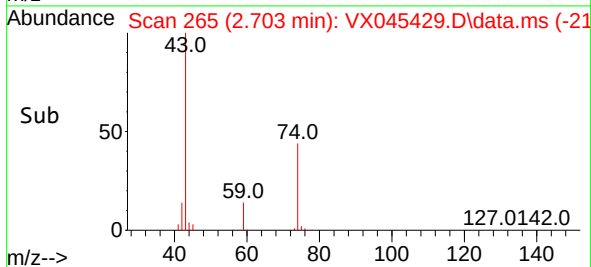
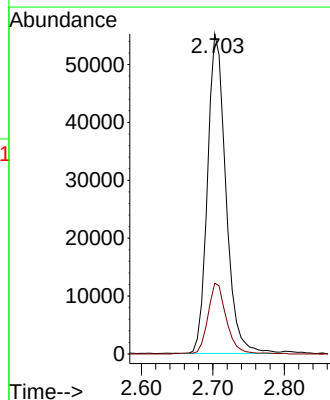
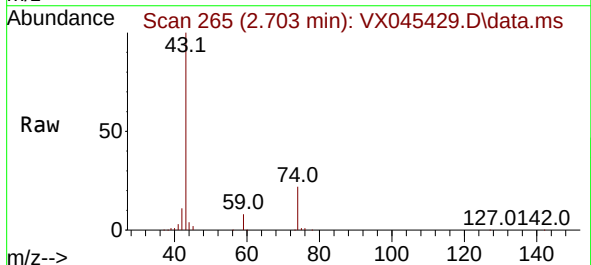
Acq: 24 Mar 2025 20:42

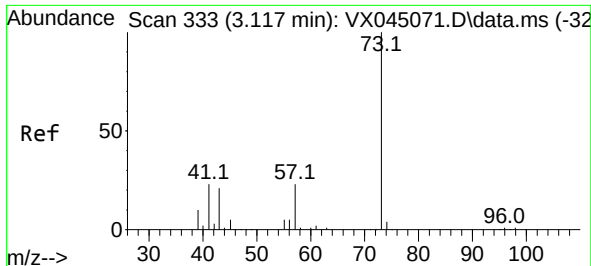
Tgt Ion: 43 Resp: 98571

Ion Ratio Lower Upper

43 100

74 22.4 17.4 26.2





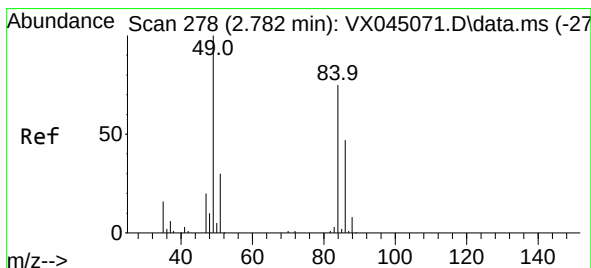
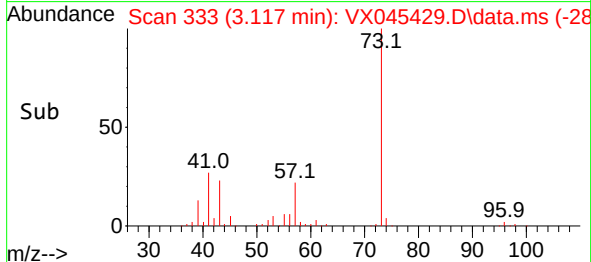
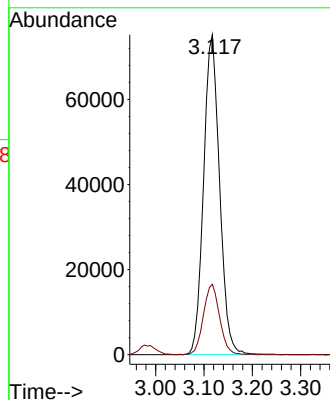
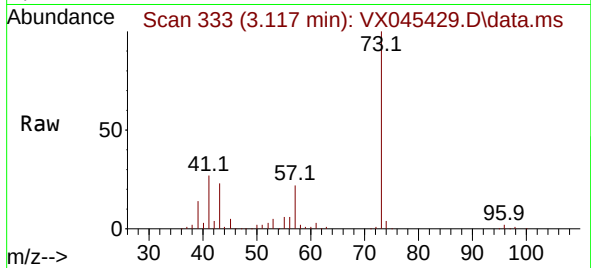
#19
Methyl tert-butyl Ether
Concen: 52.780 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 172724
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7

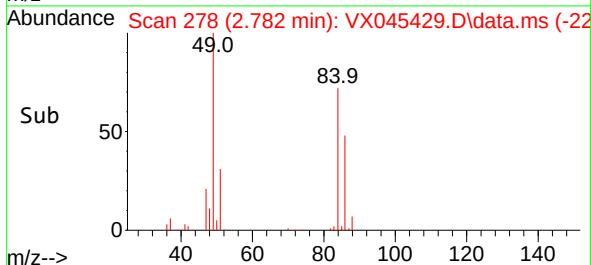
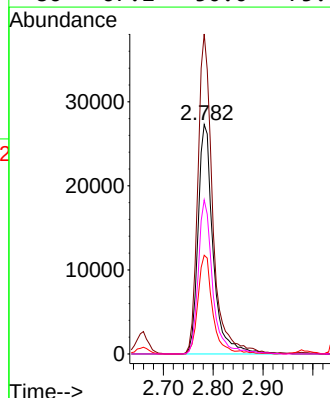
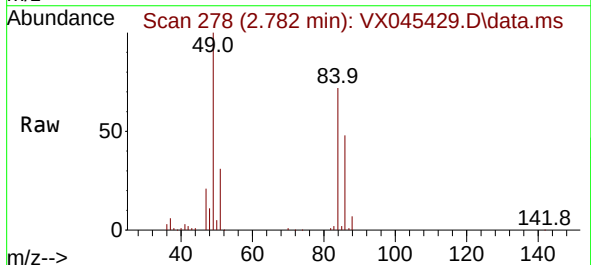
Manual Integrations
APPROVED

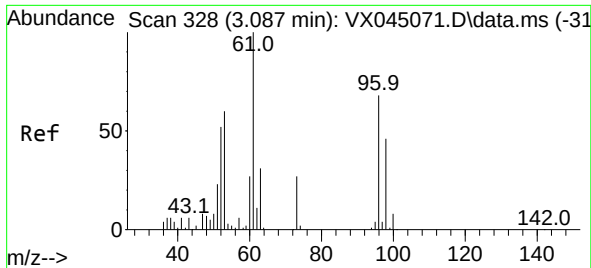
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#20
Methylene Chloride
Concen: 49.467 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

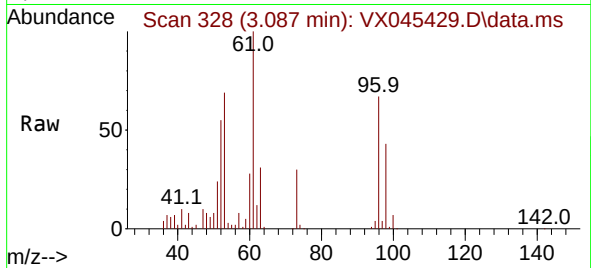
Tgt Ion: 84 Resp: 57405
Ion Ratio Lower Upper
84 100
49 139.5 106.5 159.7
51 43.0 32.1 48.1
86 67.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 49.020 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

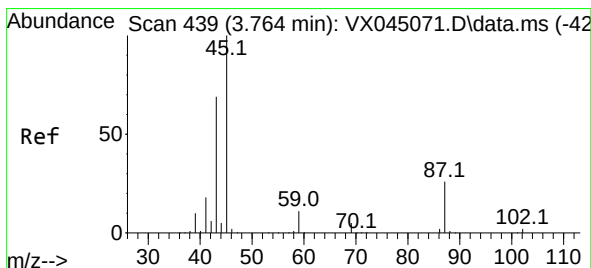
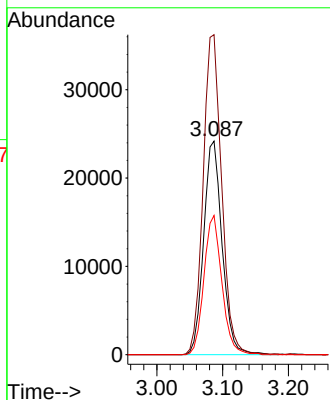
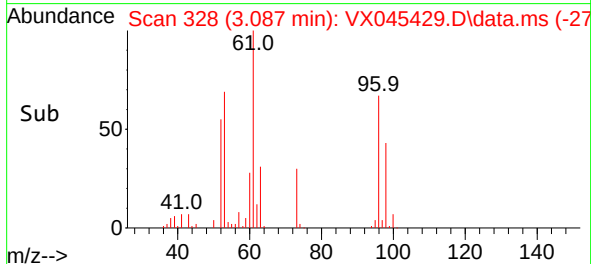
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



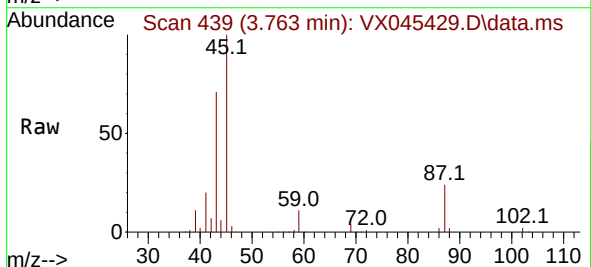
Tgt Ion: 96 Resp: 47238
Ion Ratio Lower Upper
96 100
61 149.8 117.0 175.4
98 65.1 53.4 80.2

Manual Integrations
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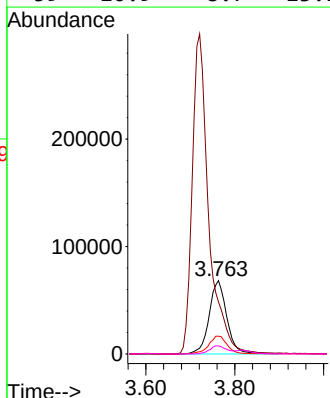
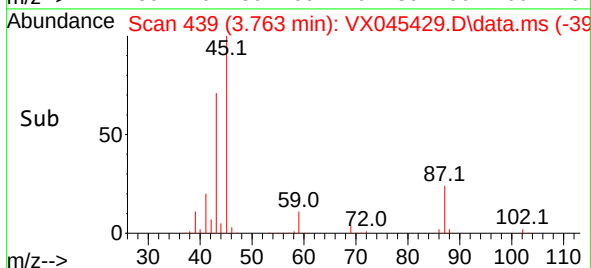
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

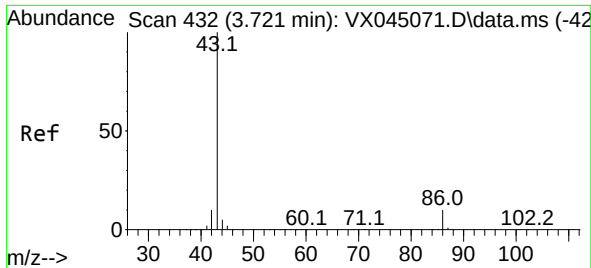


#22
Diisopropyl ether
Concen: 53.354 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



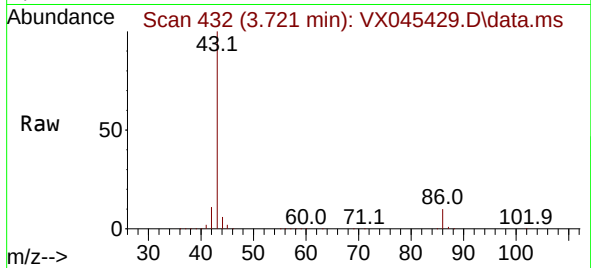
Tgt Ion: 45 Resp: 188400
Ion Ratio Lower Upper
45 100
43 70.8 54.9 82.3
87 24.2 21.0 31.4
59 10.9 8.7 13.1





#23
 Vinyl Acetate
 Concen: 260.018 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42

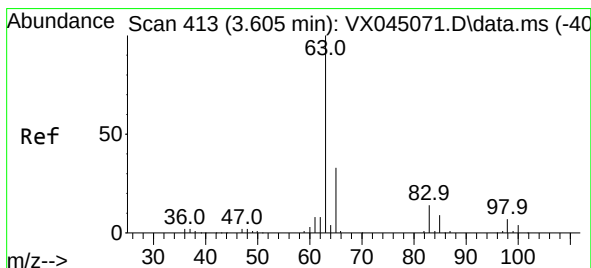
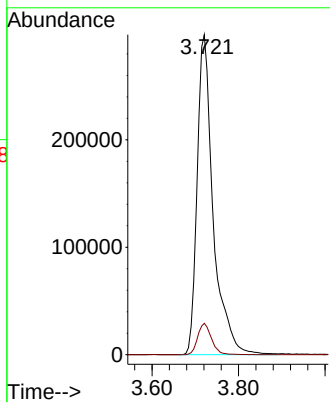
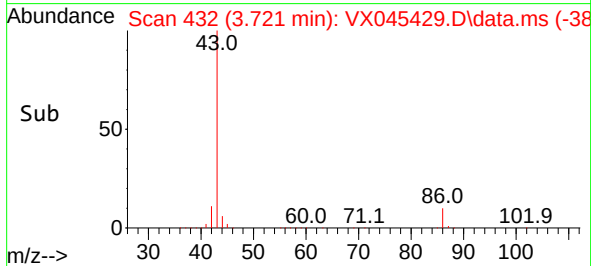
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



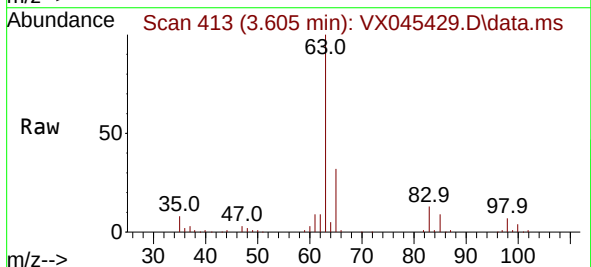
Tgt Ion: 43 Resp: 766218
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

Manual Integrations
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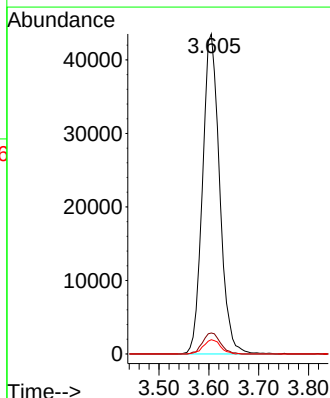
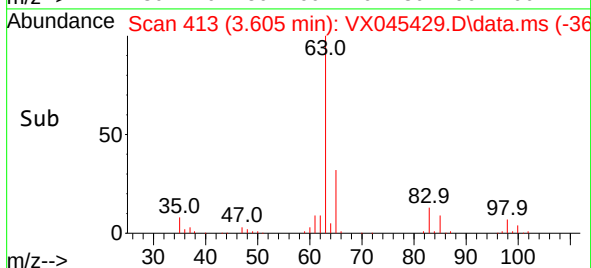
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

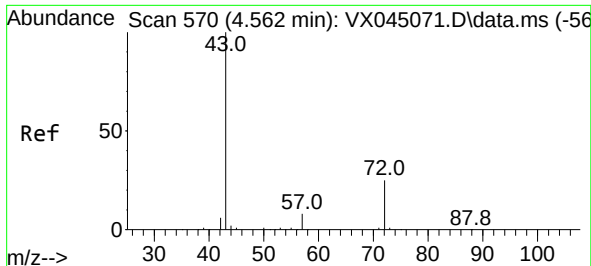


#24
 1,1-Dichloroethane
 Concen: 52.316 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42



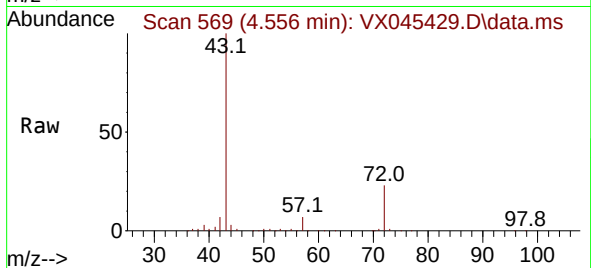
Tgt Ion: 63 Resp: 103533
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 270.441 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

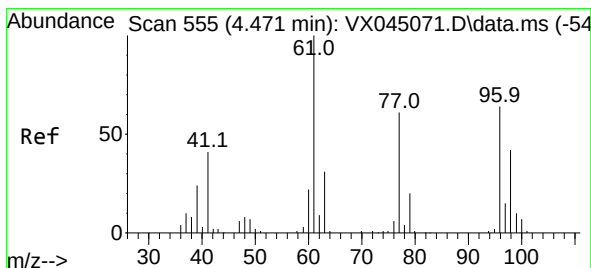
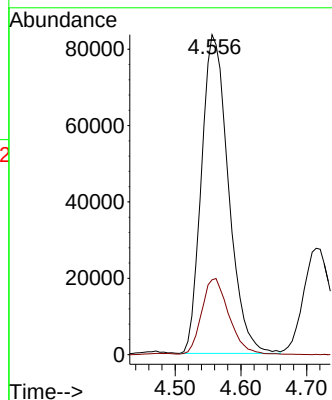
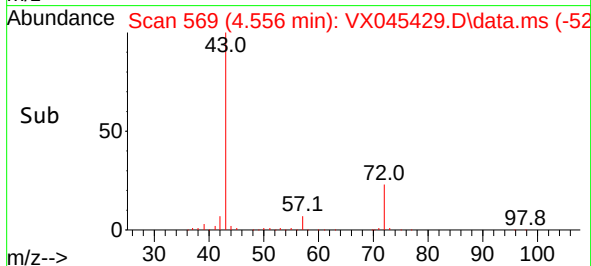
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 23848
Ion Ratio Lower Upper
43 100
72 23.3 20.0 30.0

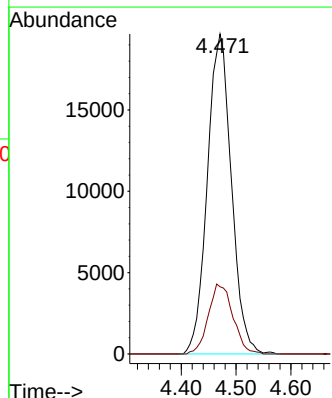
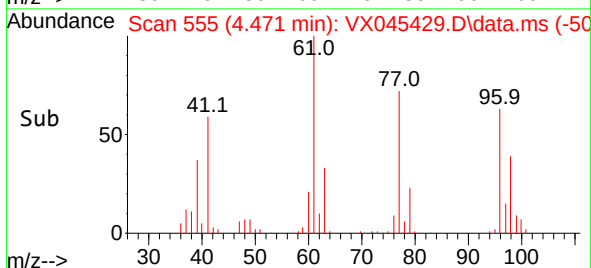
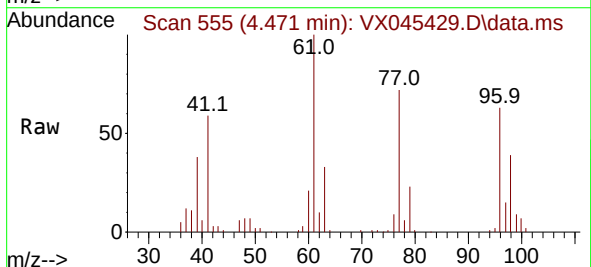
Manual Integrations
APPROVED

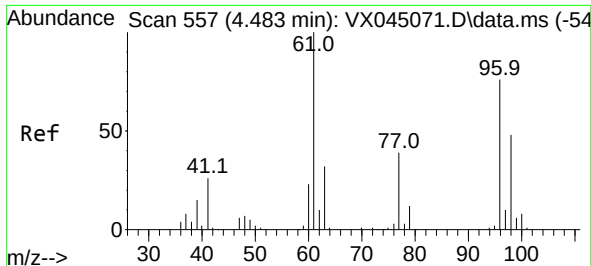
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#26
2,2-Dichloropropane
Concen: 64.528 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion: 77 Resp: 59898
Ion Ratio Lower Upper
77 100
97 22.3 12.4 37.0





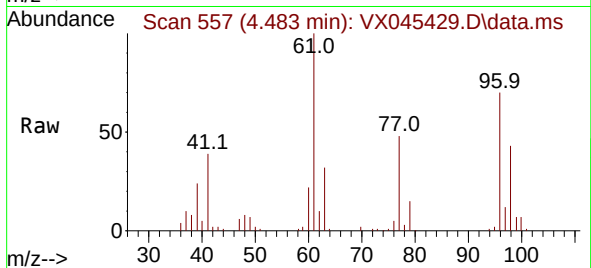
#27
 cis-1,2-Dichloroethene
 Concen: 51.328 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



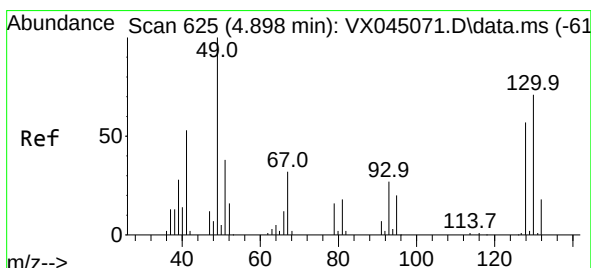
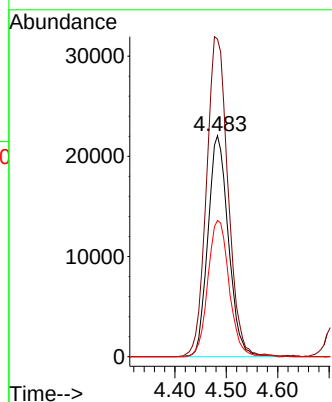
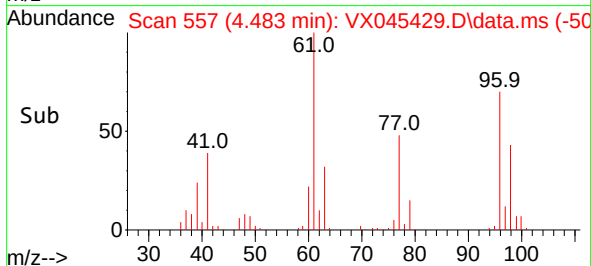
Tgt Ion: 96 Resp: 61058
 Ion Ratio Lower Upper
 96 100
 61 151.6 0.0 283.2
 98 63.7 0.0 128.0

Manual Integrations

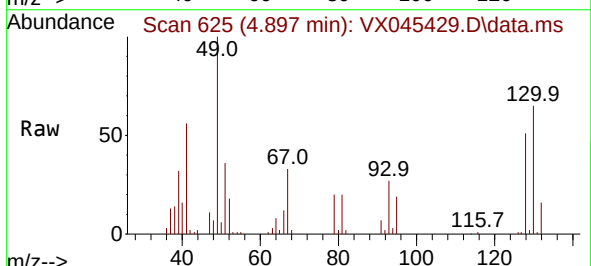
APPROVED

Reviewed By :John Carlone 03/25/2025

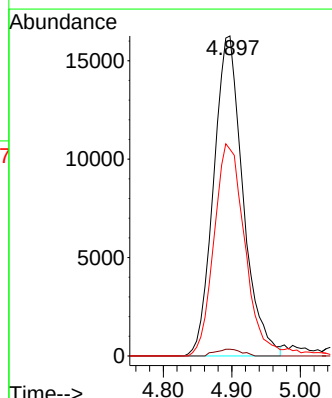
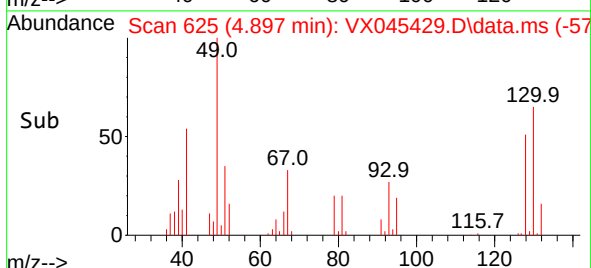
Supervised By :Mahesh Dadoda 03/25/2025

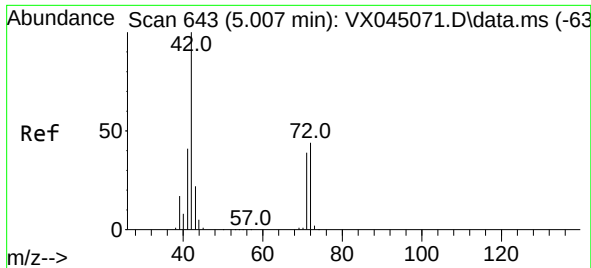


#28
 Bromochloromethane
 Concen: 51.274 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42



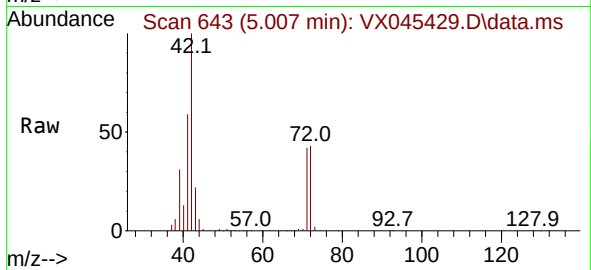
Tgt Ion: 49 Resp: 48365
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 71.0 56.1 84.1





#29
Tetrahydrofuran
Concen: 251.430 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

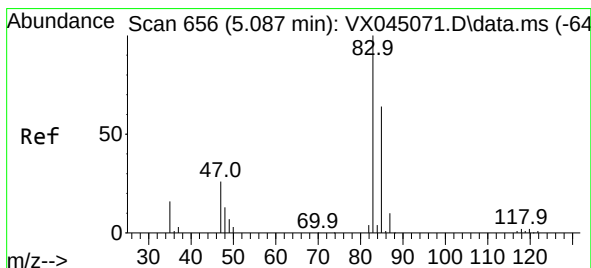
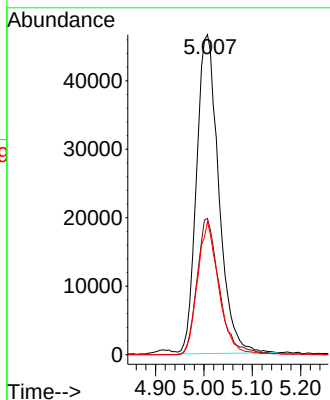
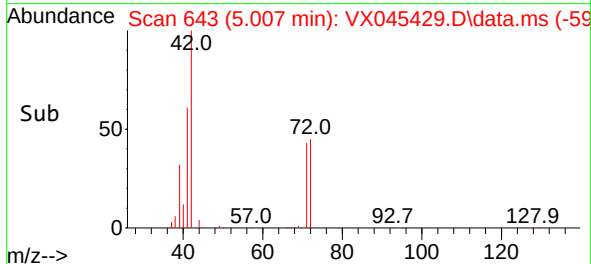
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 148894
Ion Ratio Lower Upper
42 100
72 42.9 34.1 51.1
71 39.8 31.4 47.0

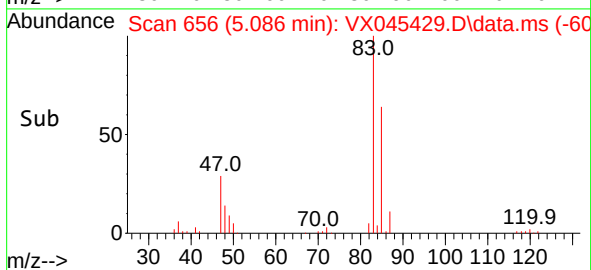
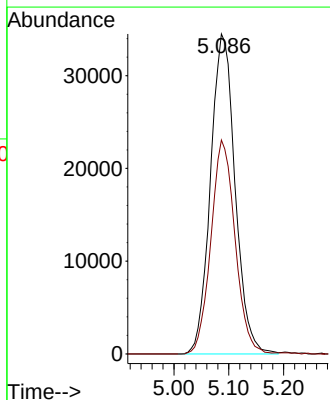
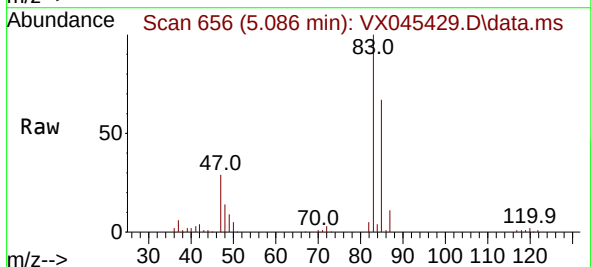
Manual Integrations
APPROVED

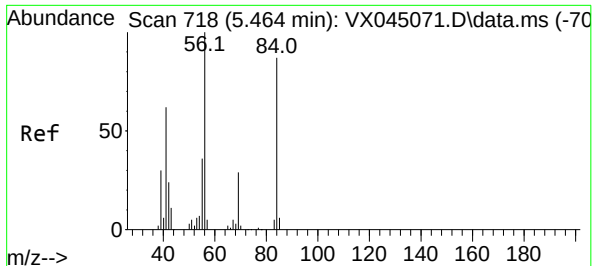
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#30
Chloroform
Concen: 54.666 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

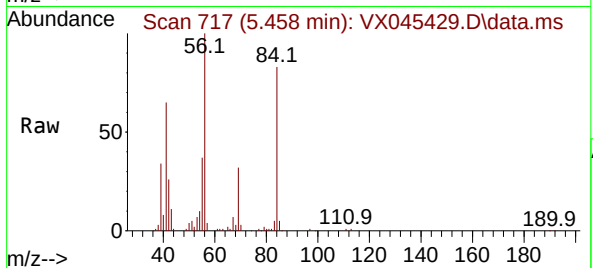
Tgt Ion: 83 Resp: 107493
Ion Ratio Lower Upper
83 100
85 66.9 51.4 77.2





#31
Cyclohexane
Concen: 46.799 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

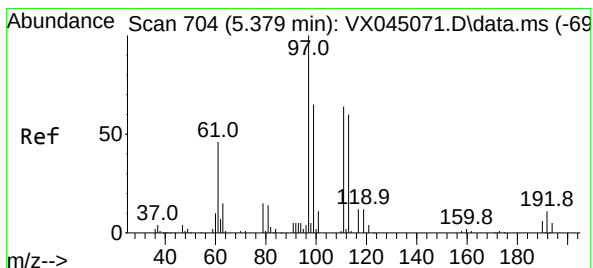
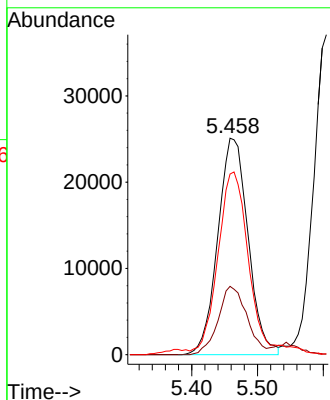
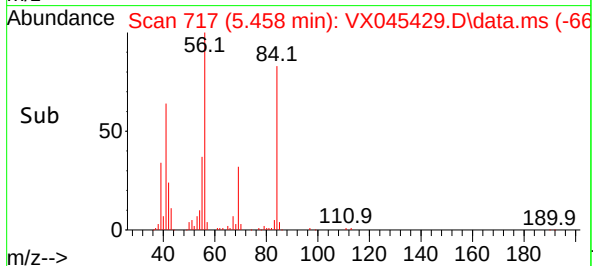
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 80394
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 81.0 69.4 104.2

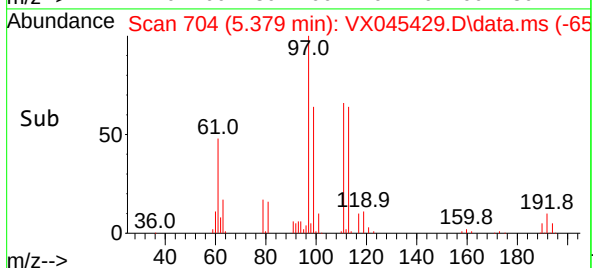
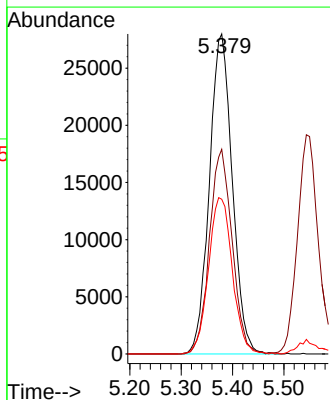
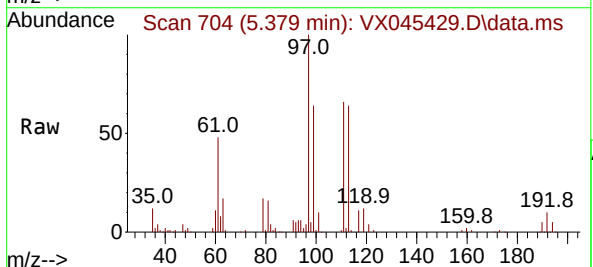
Manual Integrations
APPROVED

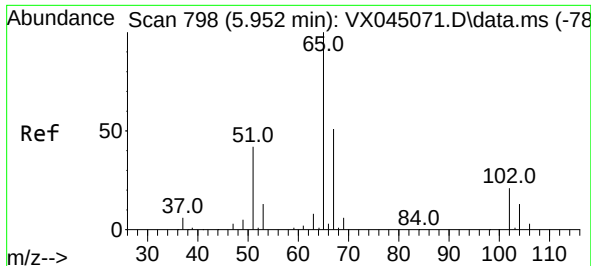
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#32
1,1,1-Trichloroethane
Concen: 54.542 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion: 97 Resp: 86620
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 51.0 38.4 57.6





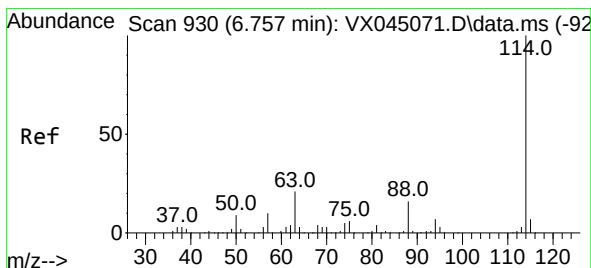
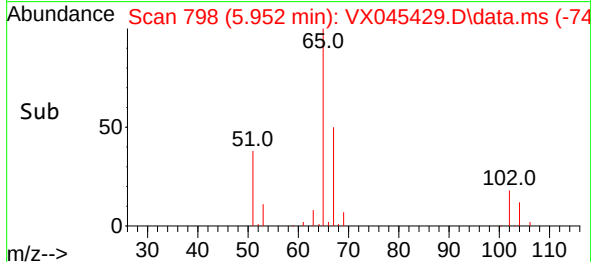
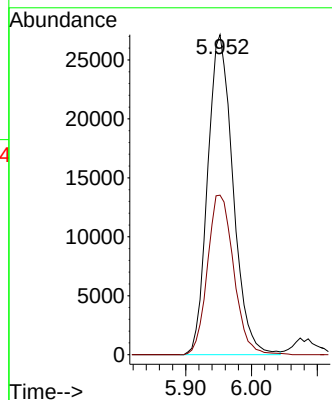
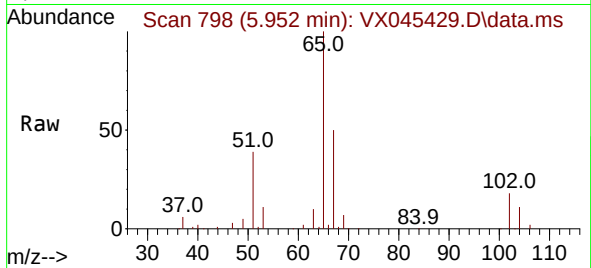
#33
 1,2-Dichloroethane-d4
 Concen: 57.633 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 7277
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.2

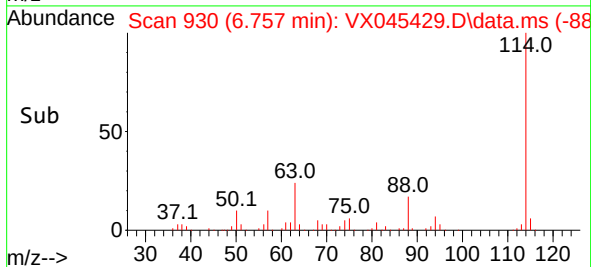
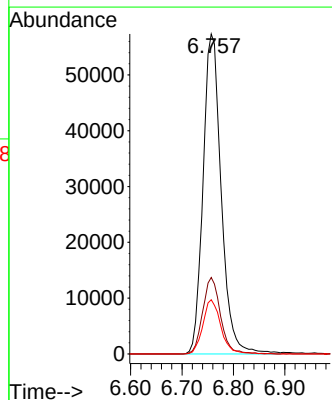
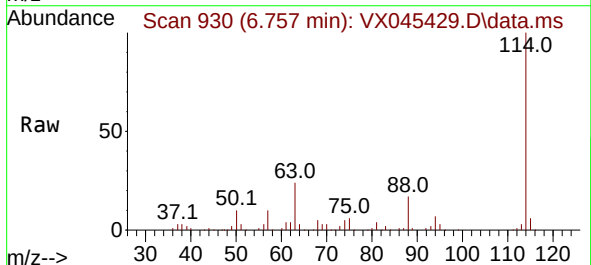
Manual Integrations
 APPROVED

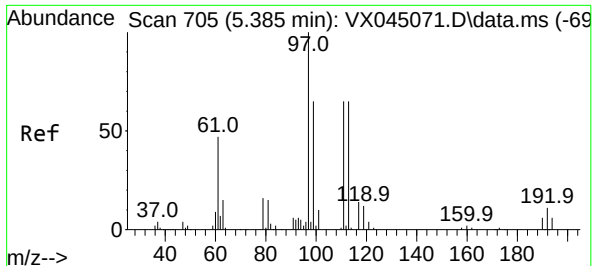
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42

Tgt Ion:114 Resp: 140920
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 41.8
 88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 56.036 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045429.D

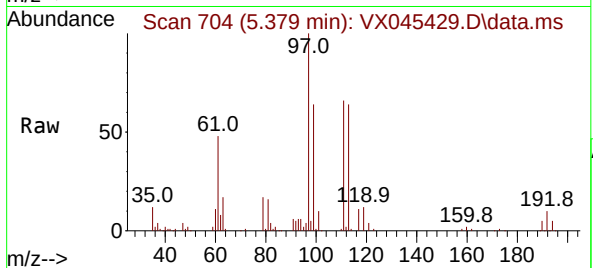
Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 5280

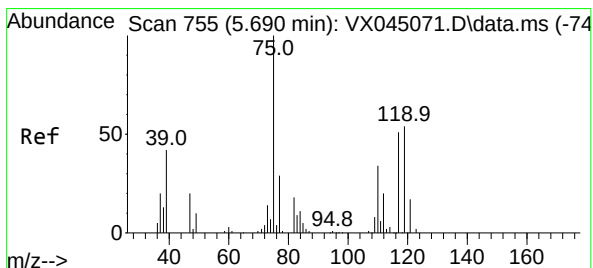
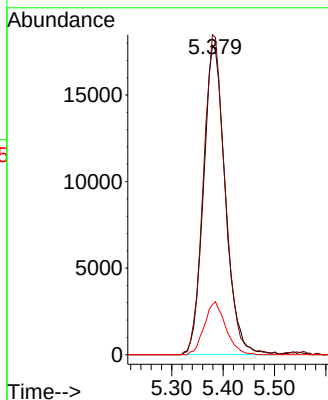
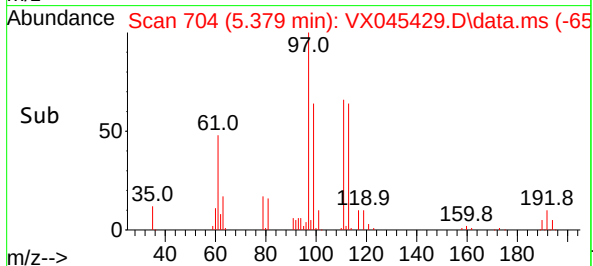
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	16.7	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#36

1,1-Dichloropropene

Concen: 50.739 ug/l

RT: 5.684 min Scan# 754

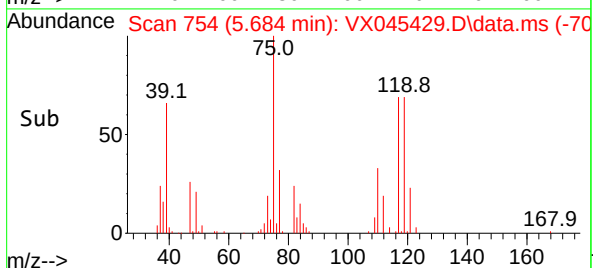
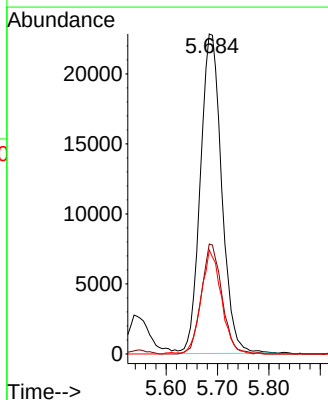
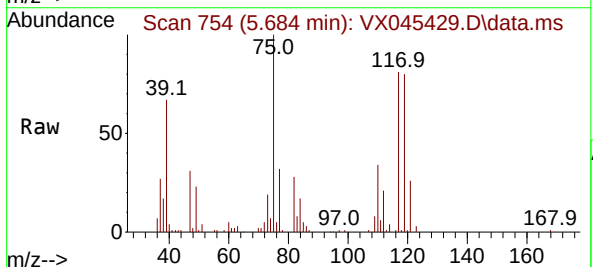
Delta R.T. -0.006 min

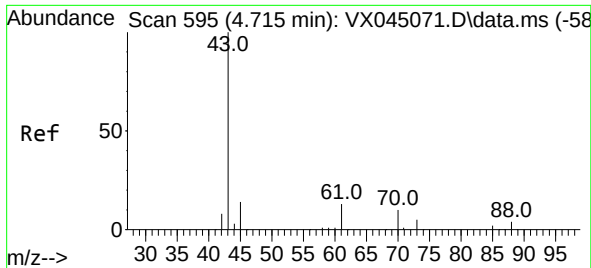
Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

Tgt Ion: 75 Resp: 65568

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	30.3	24.5	36.7





#37
Ethyl Acetate
Concen: 50.417 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

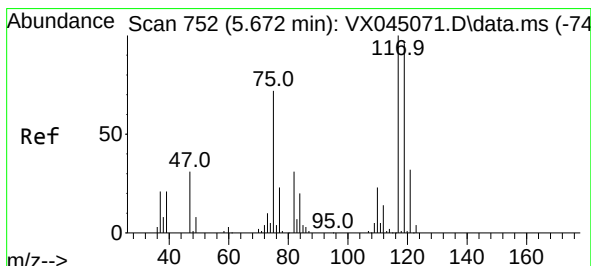
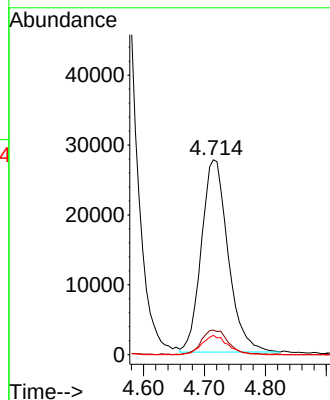
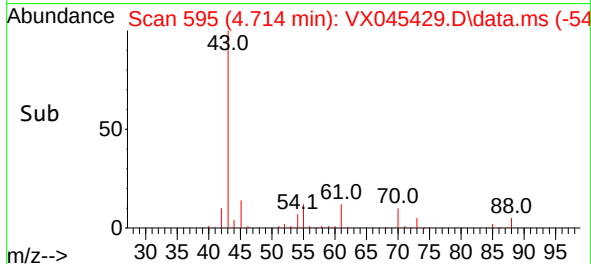
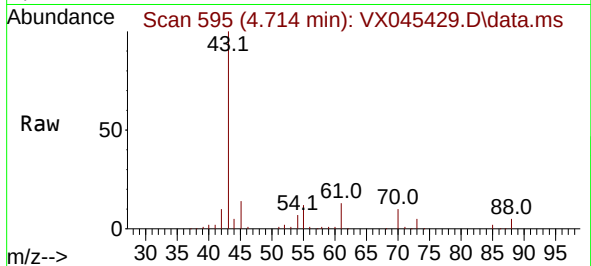
Tgt Ion: 43 Resp: 8395
Ion Ratio Lower Upper
43 100
61 13.0 10.8 16.2
70 9.7 7.7 11.5

Manual Integrations

APPROVED

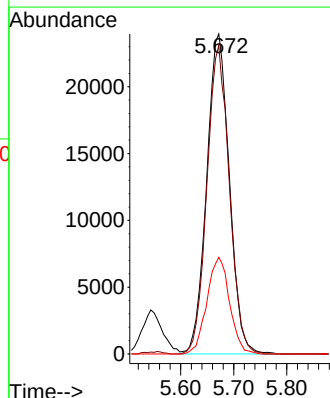
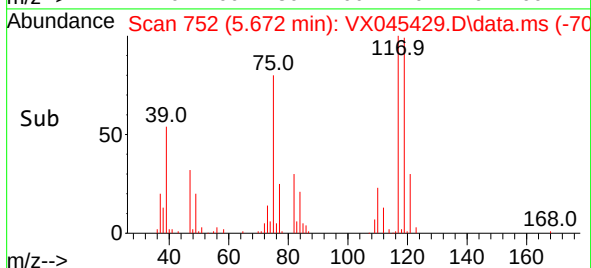
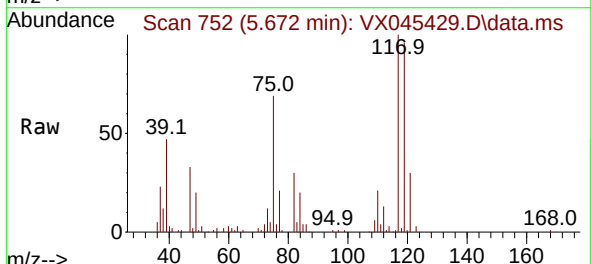
Reviewed By :John Carlone 03/25/2025

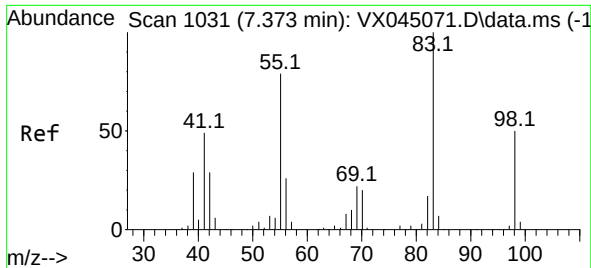
Supervised By :Mahesh Dadoda 03/25/2025



#38
Carbon Tetrachloride
Concen: 54.307 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion:117 Resp: 71248
Ion Ratio Lower Upper
117 100
119 96.4 76.7 115.1
121 30.2 25.5 38.3





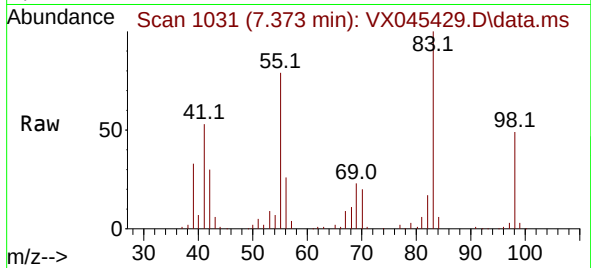
#39
Methylcyclohexane
Concen: 48.408 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



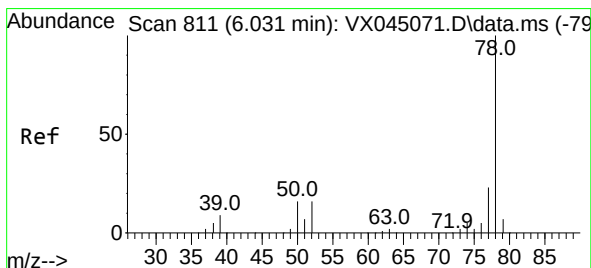
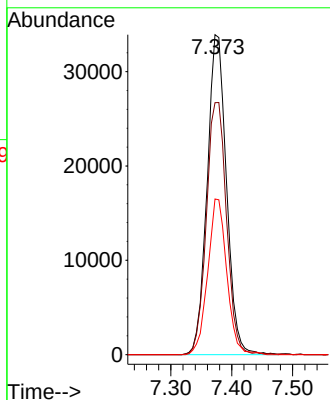
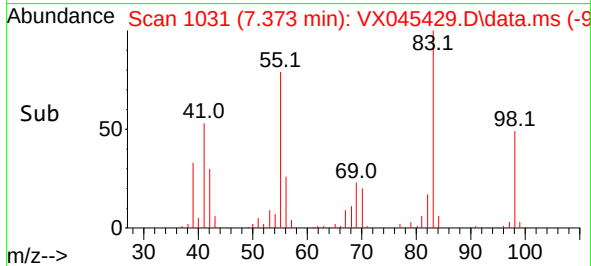
Tgt Ion: 83 Resp: 74950
Ion Ratio Lower Upper
83 100
55 78.7 63.0 94.4
98 48.6 39.7 59.5

Manual Integrations

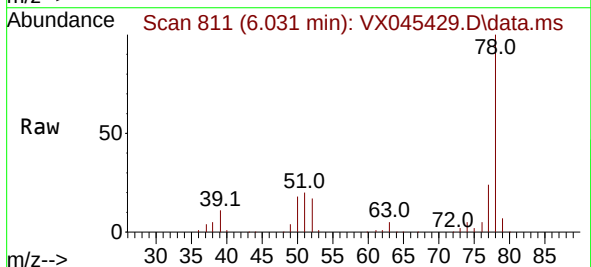
APPROVED

Reviewed By :John Carlone 03/25/2025

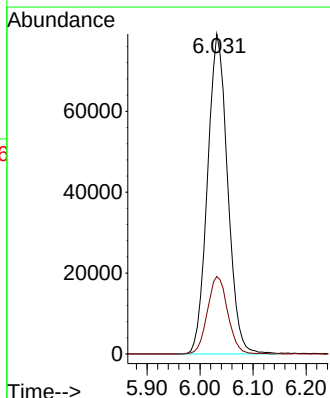
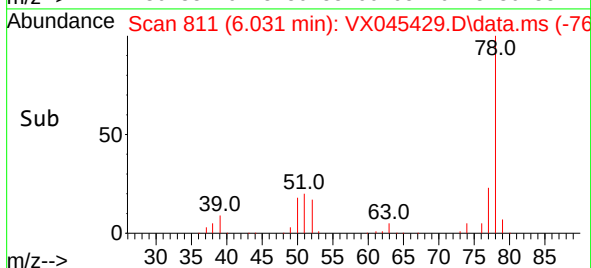
Supervised By :Mahesh Dadoda 03/25/2025

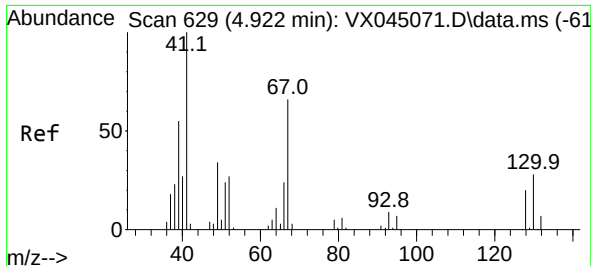


#40
Benzene
Concen: 51.175 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



Tgt Ion: 78 Resp: 208827
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41
Methacrylonitrile
Concen: 58.623 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

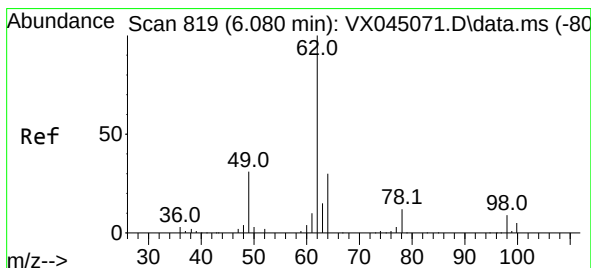
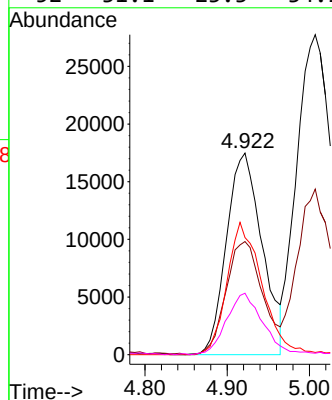
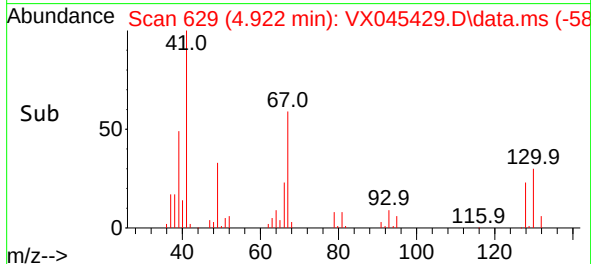
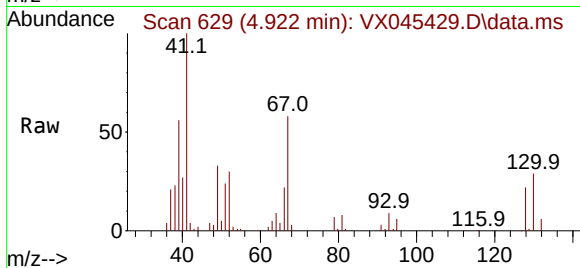
VSTDCCC050EC

Tgt Ion: 41 Resp: 5278
Ion Ratio Lower Upper
41 100
39 57.5 44.6 67.0
67 65.0 53.9 80.9
52 31.1 23.3 34.9

Manual Integrations

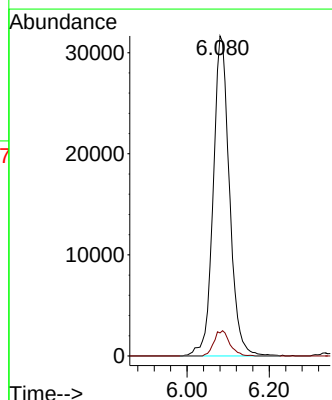
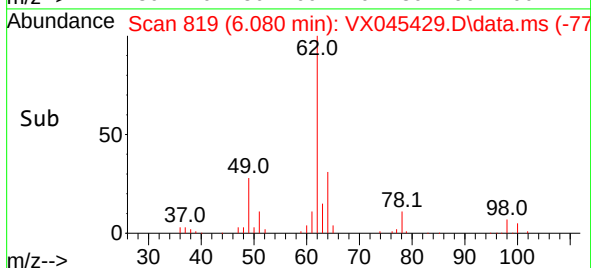
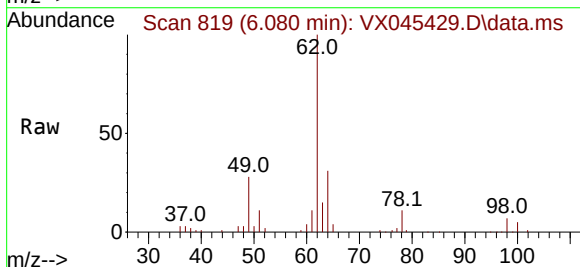
APPROVED

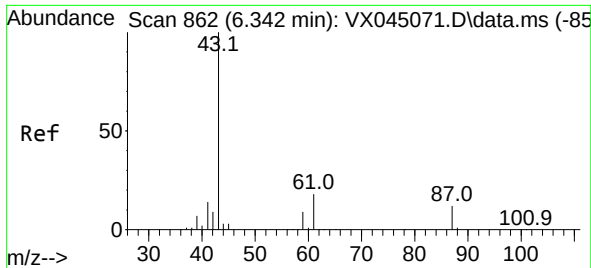
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#42
1,2-Dichloroethane
Concen: 59.283 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

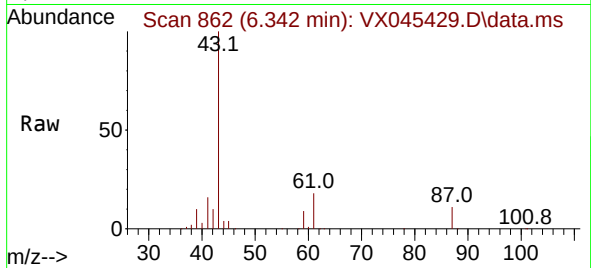
Tgt Ion: 62 Resp: 87114
Ion Ratio Lower Upper
62 100
98 7.7 0.0 18.2





#43
Isopropyl Acetate
Concen: 54.724 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

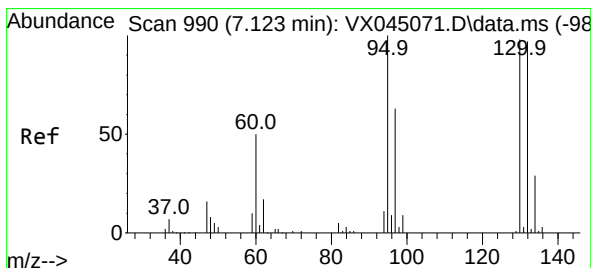
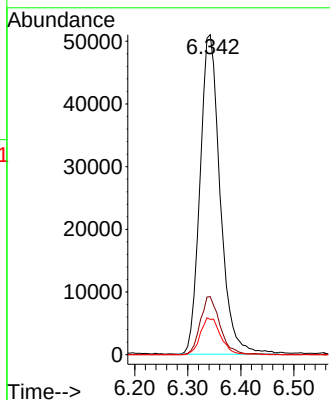
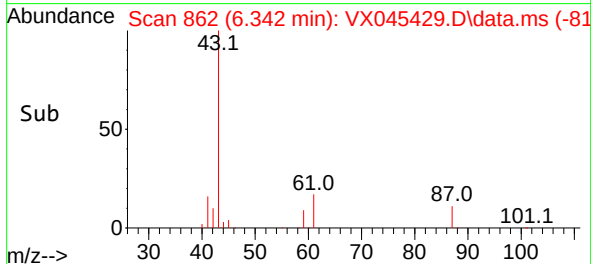
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 134740
Ion Ratio Lower Upper
43 100
61 17.7 14.9 22.3
87 11.6 9.4 14.2

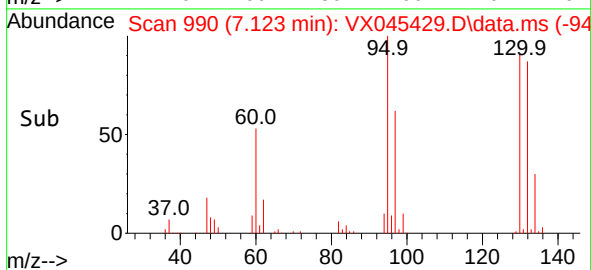
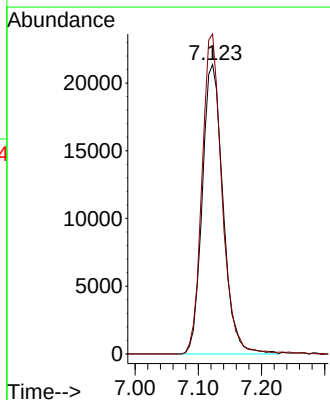
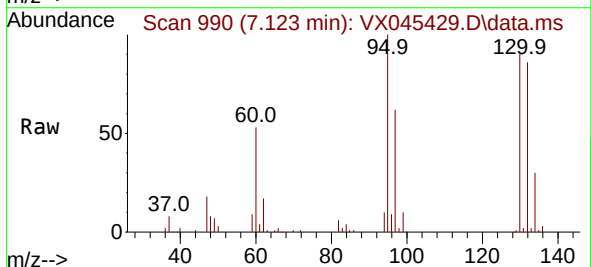
Manual Integrations
APPROVED

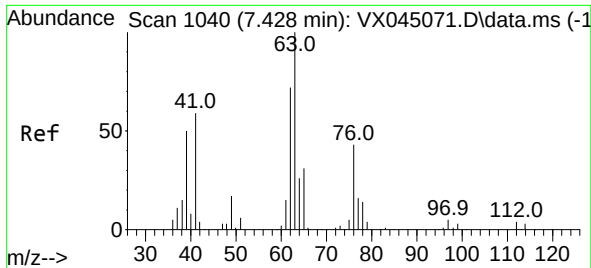
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#44
Trichloroethene
Concen: 50.948 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion:130 Resp: 48817
Ion Ratio Lower Upper
130 100
95 110.6 0.0 205.0





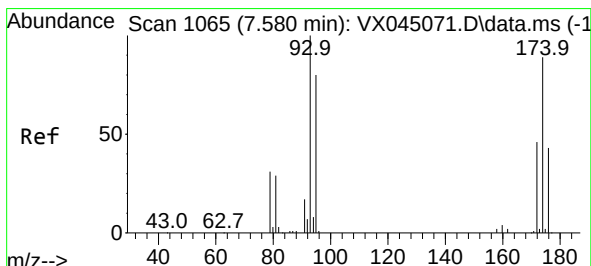
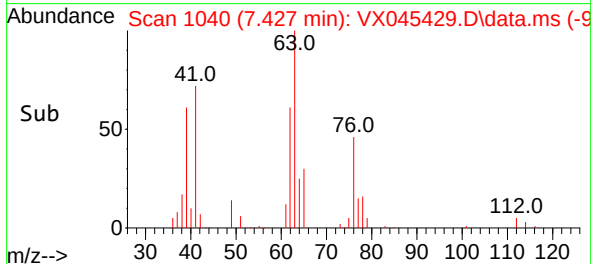
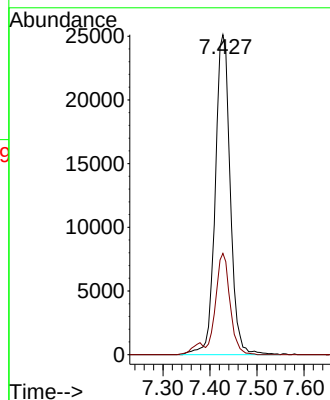
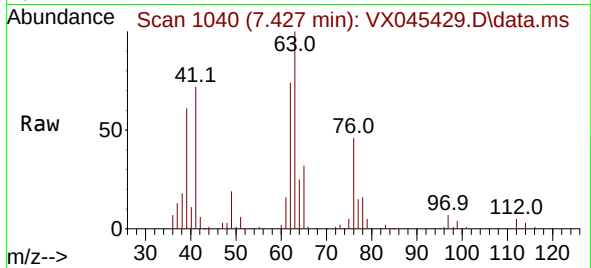
#45
1,2-Dichloropropane
Concen: 52.926 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 55529
Ion Ratio Lower Upper
63 100
65 31.7 24.7 37.1

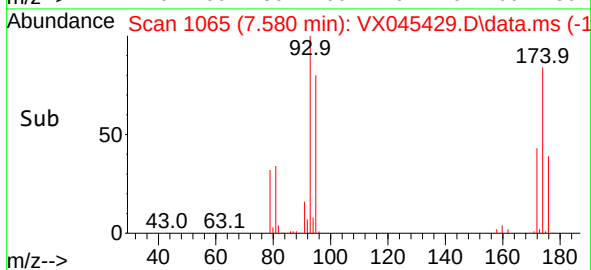
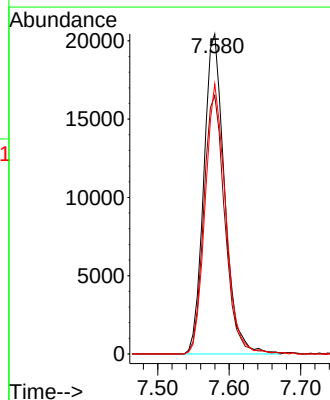
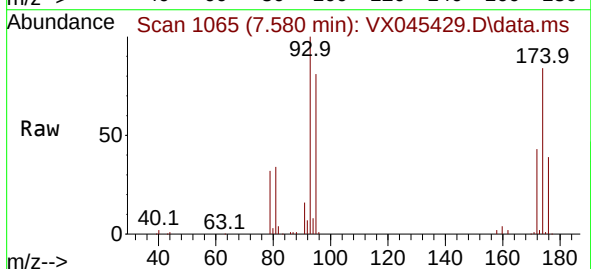
Manual Integrations
APPROVED

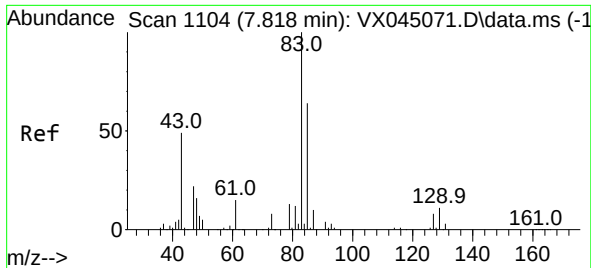
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#46
Dibromomethane
Concen: 55.622 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion: 93 Resp: 41248
Ion Ratio Lower Upper
93 100
95 82.4 65.8 98.8
174 83.8 72.2 108.2





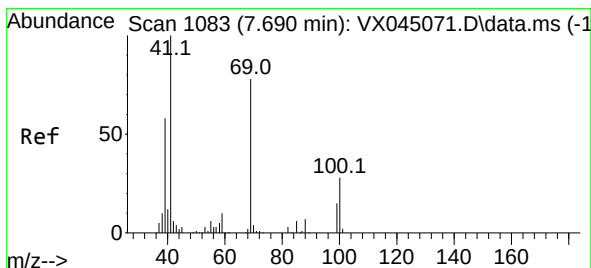
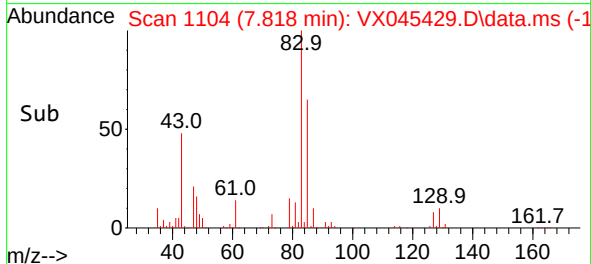
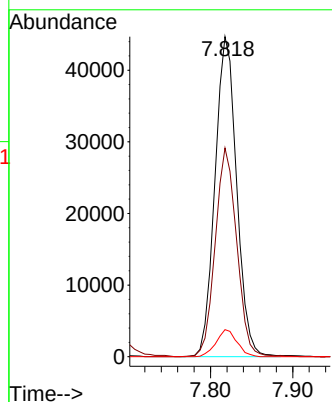
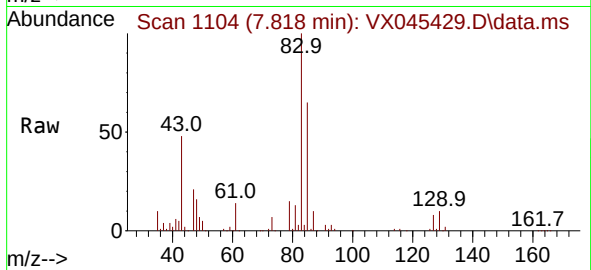
#47
Bromodichloromethane
Concen: 56.211 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 81764
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7
127 8.4 6.4 9.6

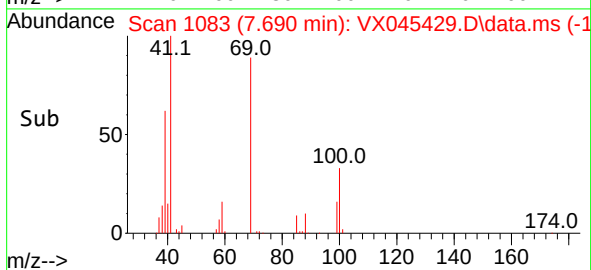
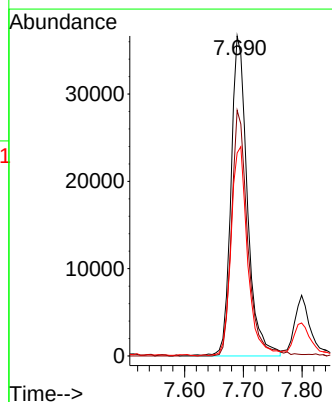
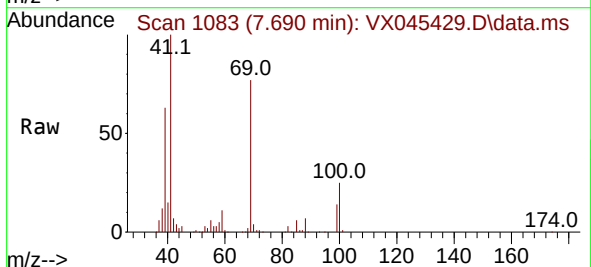
Manual Integrations
APPROVED

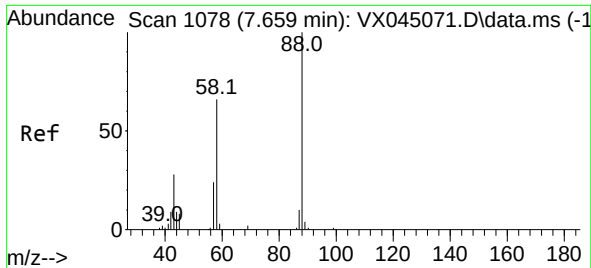
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#48
Methyl methacrylate
Concen: 57.551 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

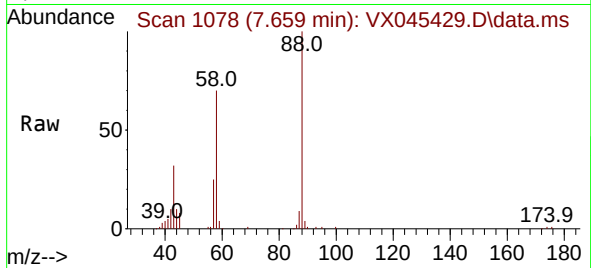
Tgt Ion: 41 Resp: 71093
Ion Ratio Lower Upper
41 100
69 75.8 63.0 94.6
39 66.6 47.5 71.3





#49
1,4-Dioxane
Concen: 1025.803 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

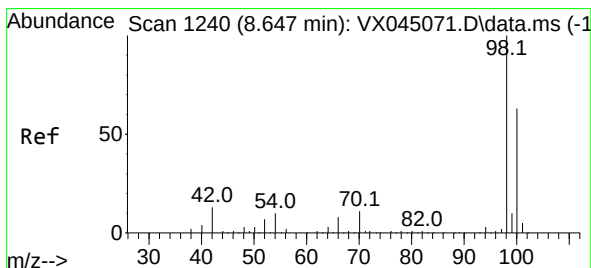
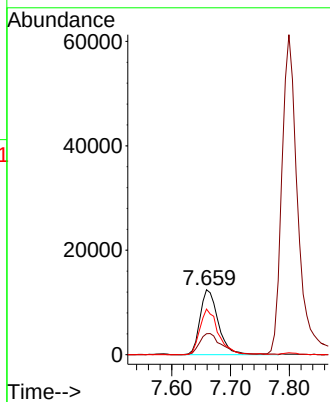
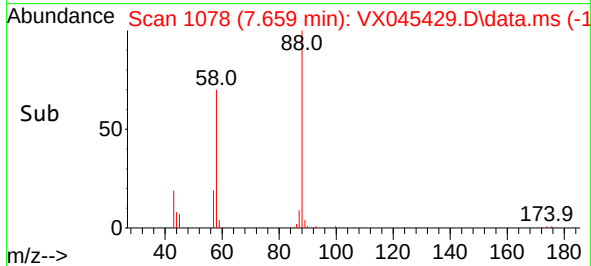
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 26730
Ion Ratio Lower Upper
88 100
43 39.4 28.7 43.1
58 71.0 55.8 83.8

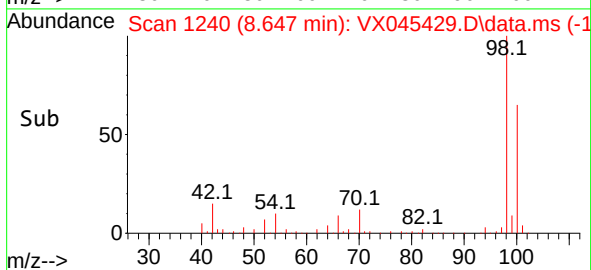
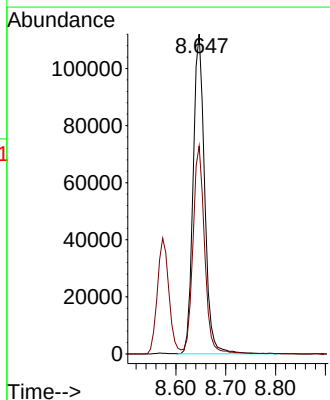
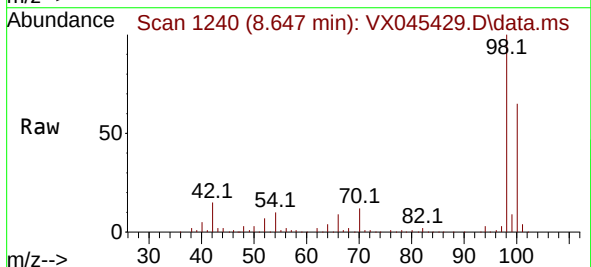
Manual Integrations
APPROVED

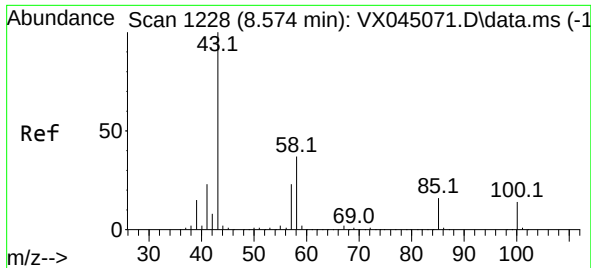
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#50
Toluene-d8
Concen: 52.665 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

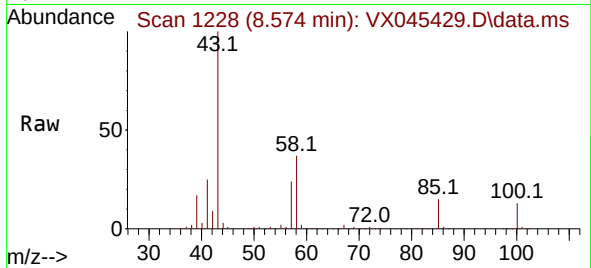
Tgt Ion: 98 Resp: 179910
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 293.128 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

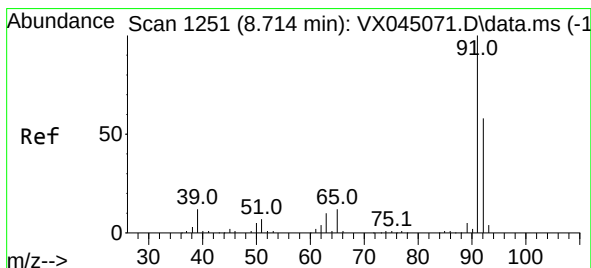
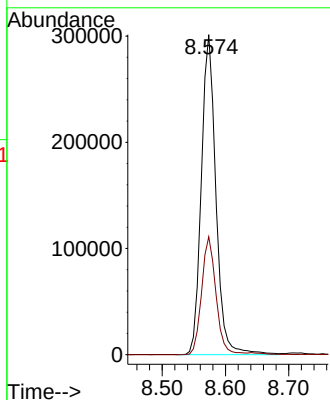
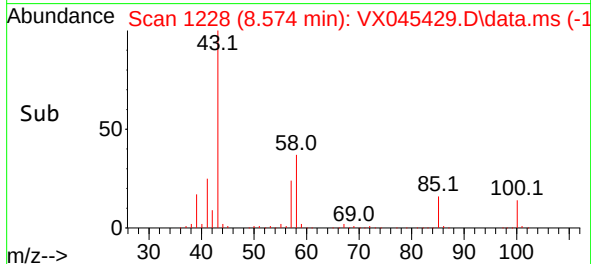
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



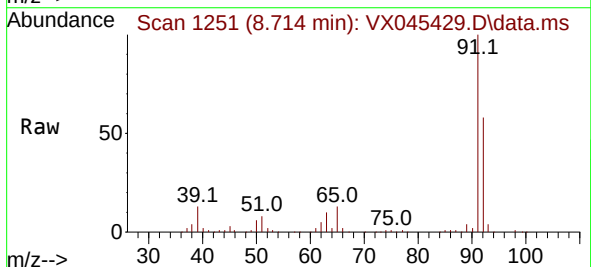
Tgt Ion: 43 Resp: 484628
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8

Manual Integrations
APPROVED

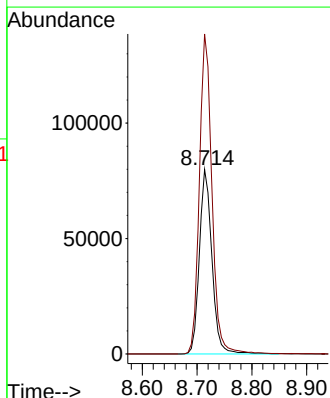
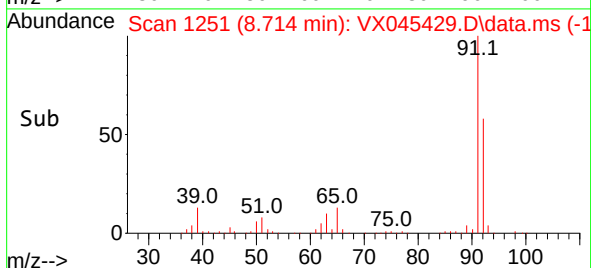
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

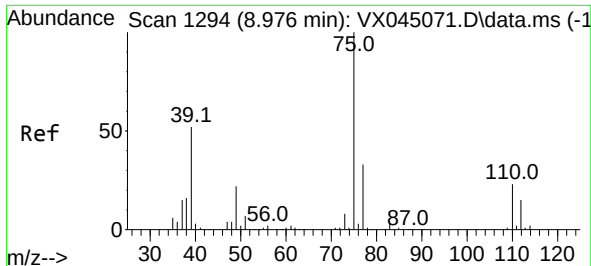


#52
Toluene
Concen: 53.247 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



Tgt Ion: 92 Resp: 127484
Ion Ratio Lower Upper
92 100
91 173.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 56.767 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 6903

Ion Ratio Lower Upper

75 100

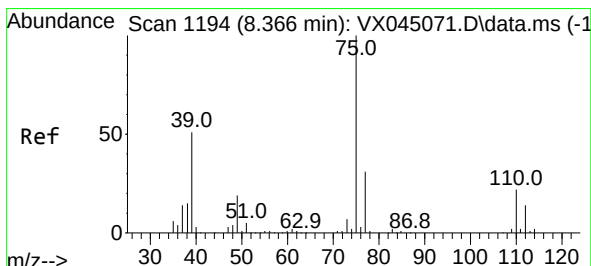
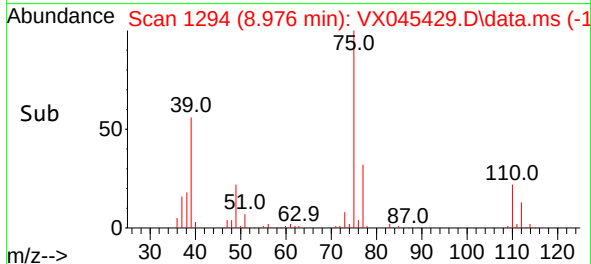
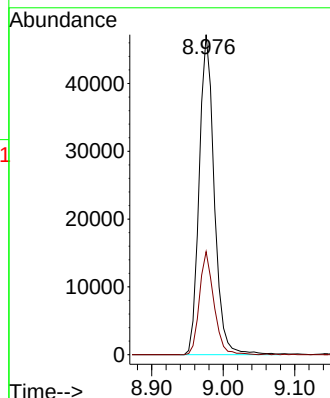
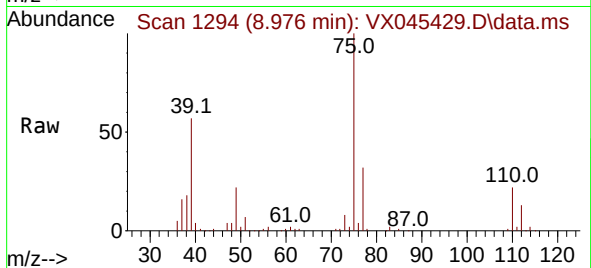
77 32.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#54

cis-1,3-Dichloropropene

Concen: 55.193 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

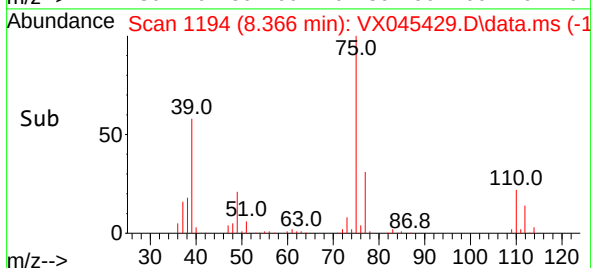
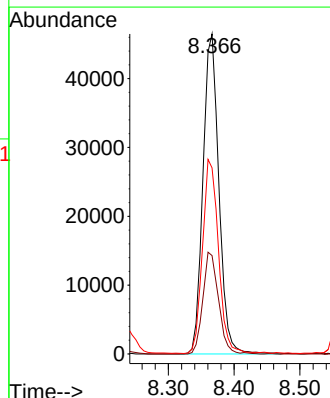
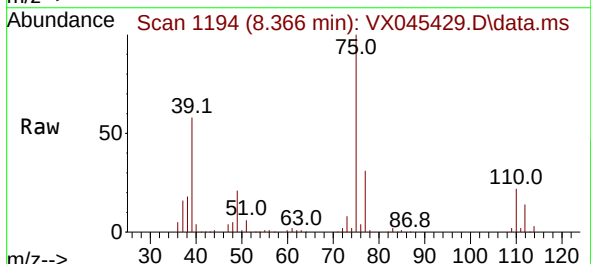
Tgt Ion: 75 Resp: 78264

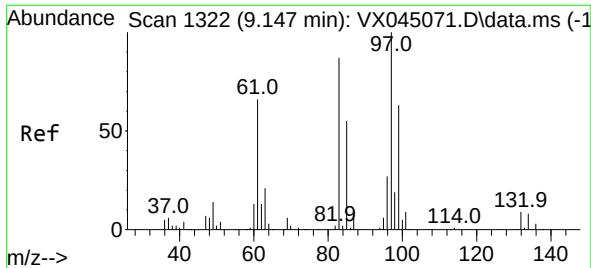
Ion Ratio Lower Upper

75 100

77 30.7 24.7 37.1

39 58.0 40.7 61.1





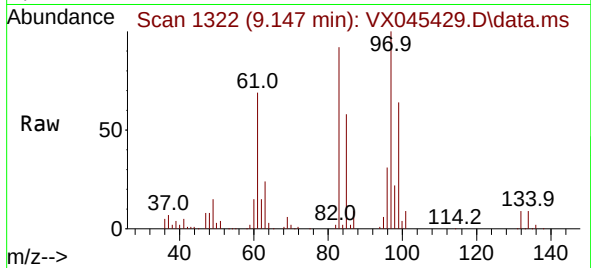
#55
1,1,2-Trichloroethane
Concen: 55.047 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



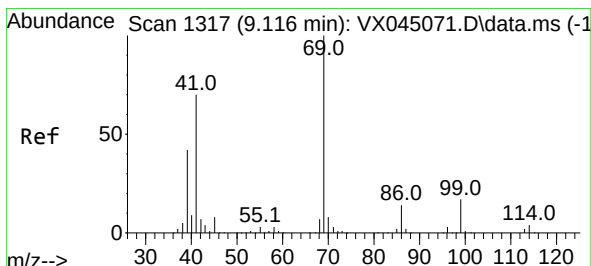
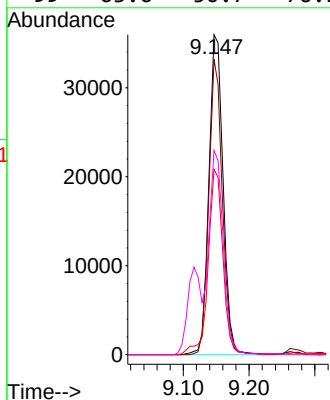
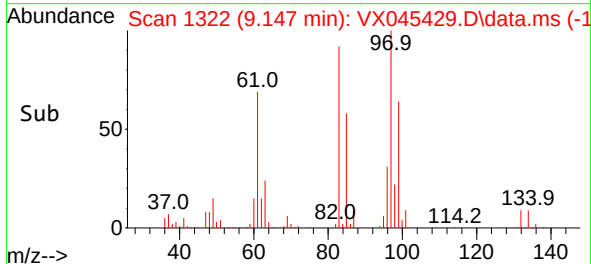
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.3	69.4	104.2
85	57.9	44.1	66.1
99	63.6	50.7	76.1

Manual Integrations

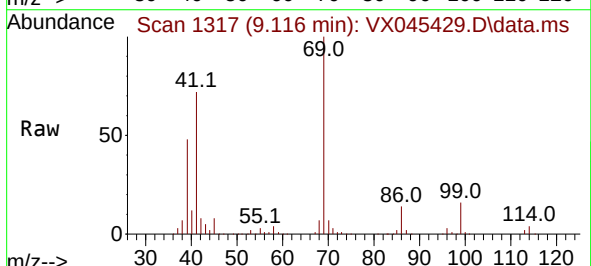
APPROVED

Reviewed By :John Carlone 03/25/2025

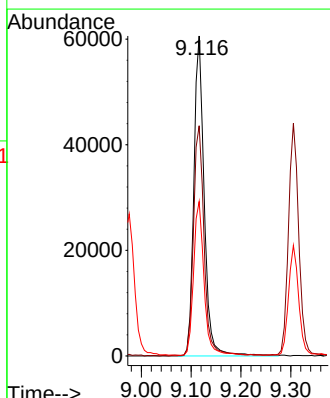
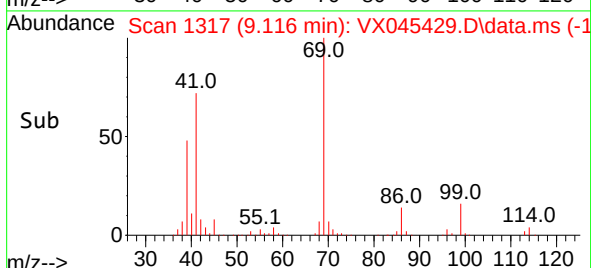
Supervised By :Mahesh Dadoda 03/25/2025

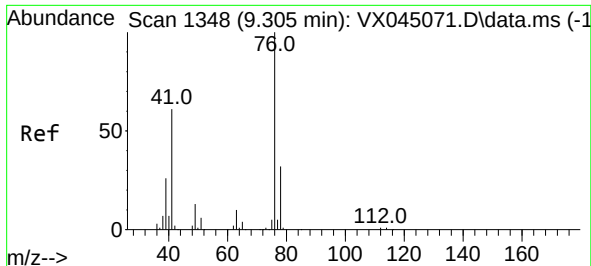


#56
Ethyl methacrylate
Concen: 58.353 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.0	57.0	85.4
39	48.3	34.2	51.4





#57

1,3-Dichloropropane

Concen: 54.877 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9360

Ion Ratio Lower Upper

76 100

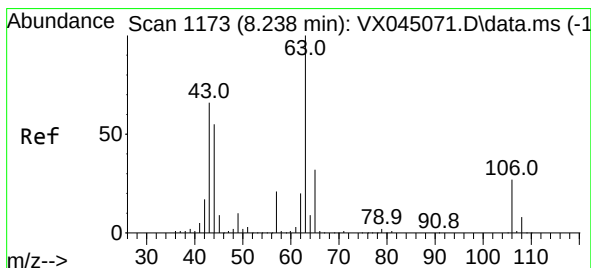
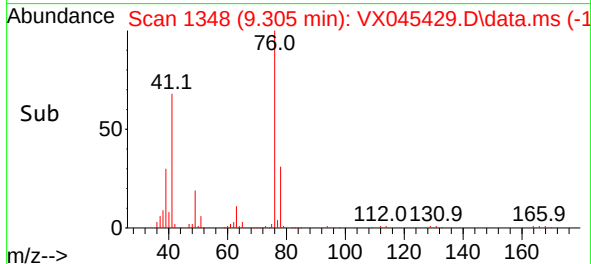
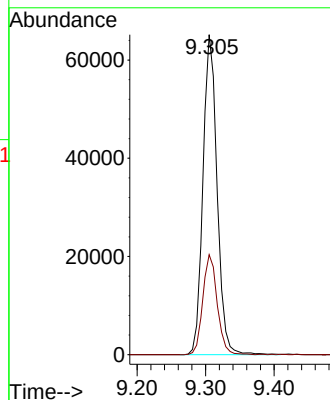
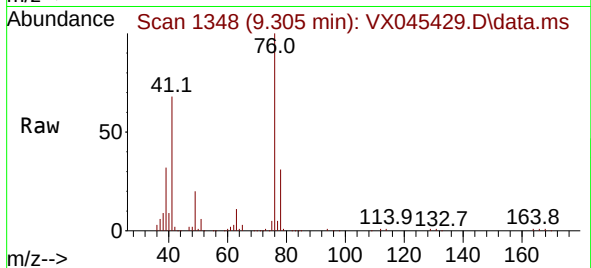
78 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 287.528 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045429.D

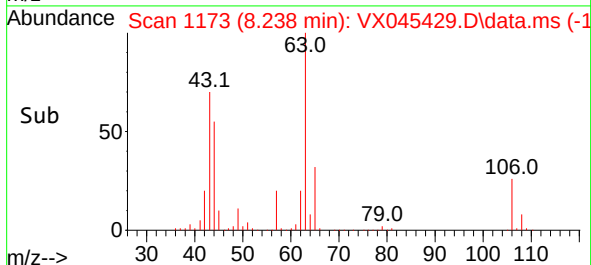
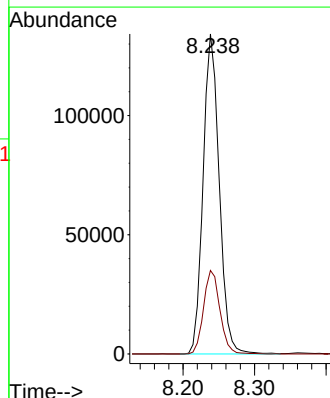
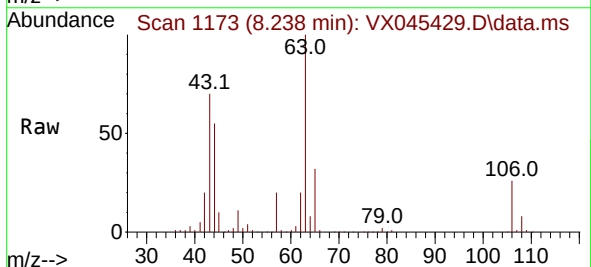
Acq: 24 Mar 2025 20:42

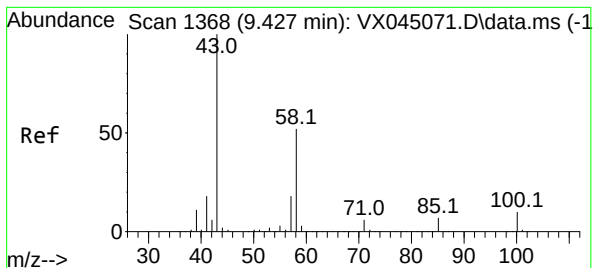
Tgt Ion: 63 Resp: 210140

Ion Ratio Lower Upper

63 100

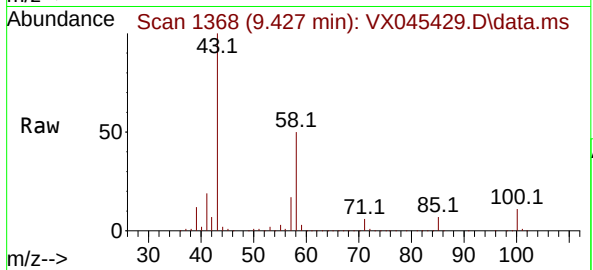
106 26.5 21.5 32.3





#59
2-Hexanone
Concen: 294.391 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

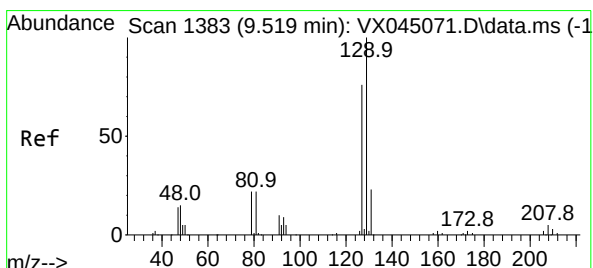
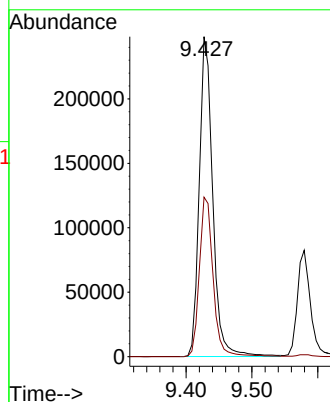
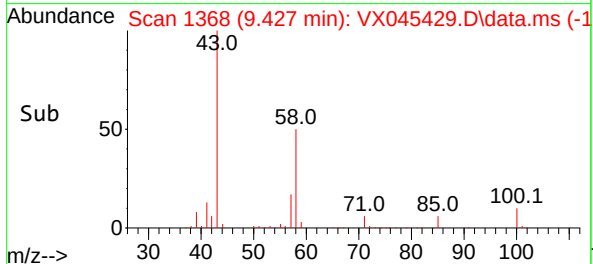
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 35264
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.6

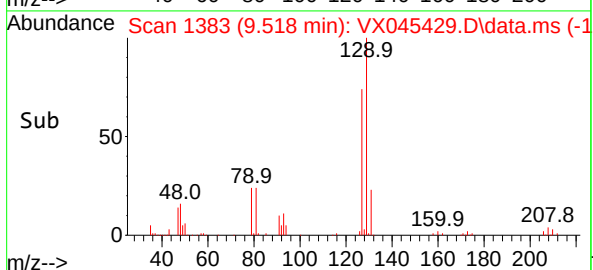
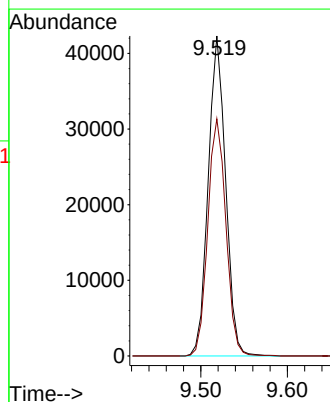
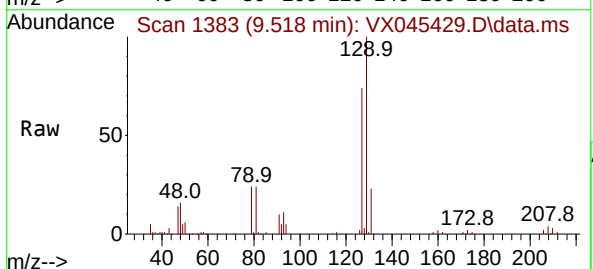
Manual Integrations
APPROVED

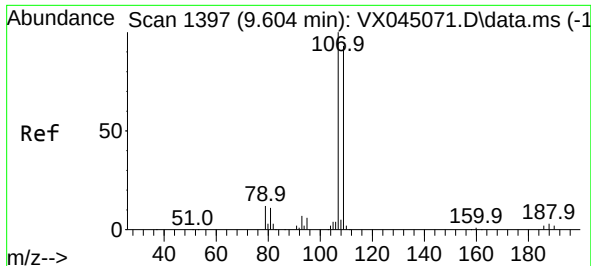
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#60
Dibromochloromethane
Concen: 57.318 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

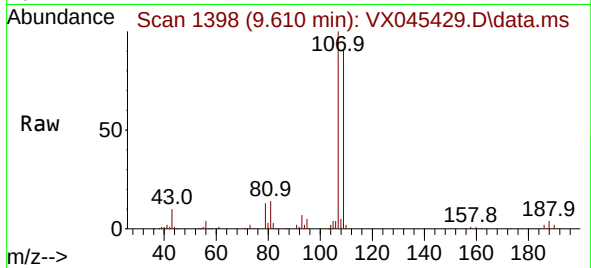
Tgt Ion:129 Resp: 59070
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 55.105 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

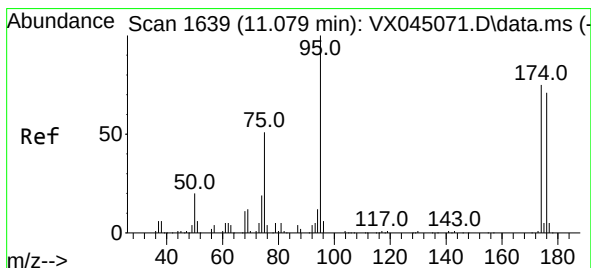
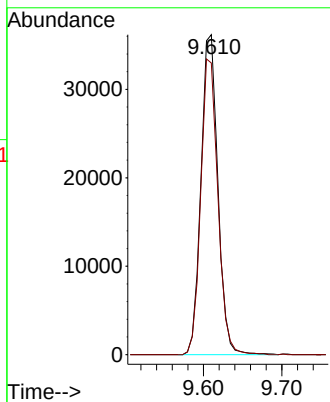
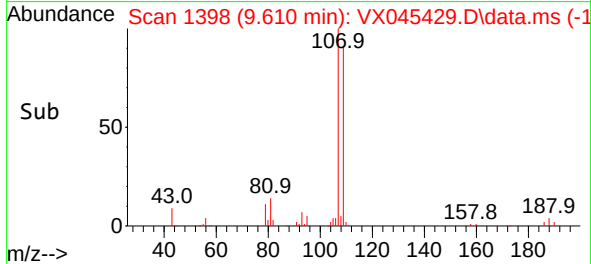
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5422
Ion Ratio Lower Upper
107 100
109 93.6 76.1 114.1

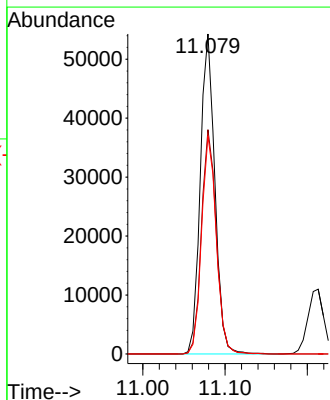
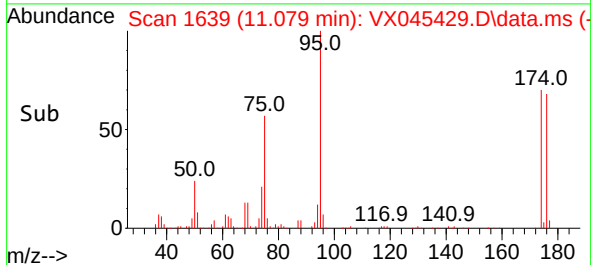
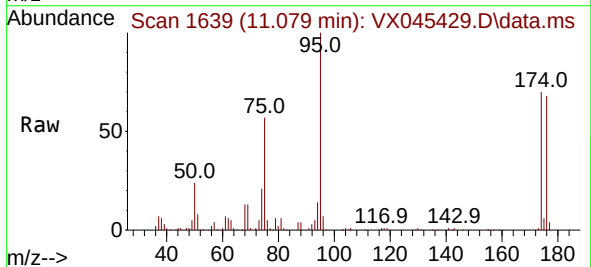
Manual Integrations
APPROVED

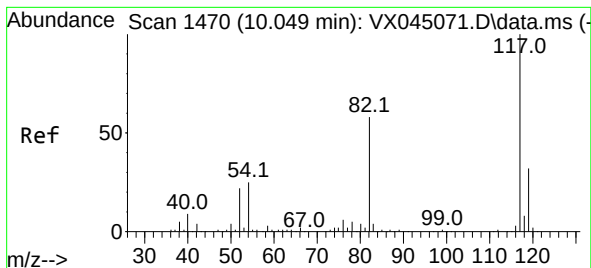
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#62
4-Bromofluorobenzene
Concen: 59.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

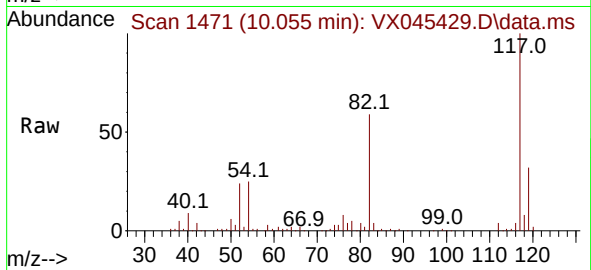
Tgt Ion: 95 Resp: 66953
Ion Ratio Lower Upper
95 100
174 71.4 0.0 148.2
176 68.8 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

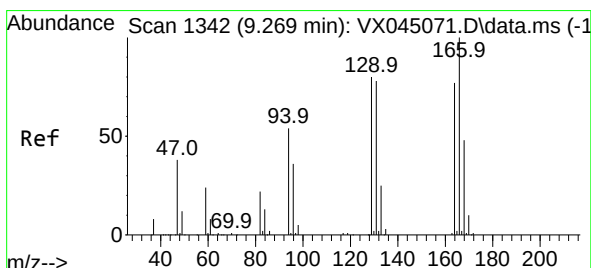
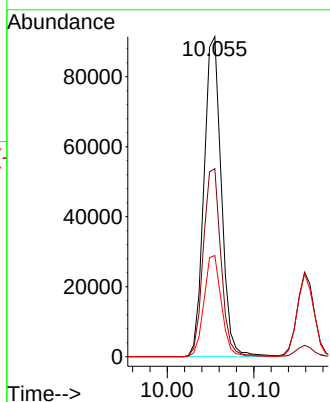
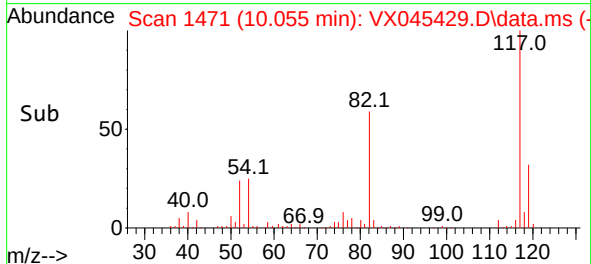
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 127528
Ion Ratio Lower Upper
117 100
82 58.7 46.3 69.5
119 31.6 25.7 38.5

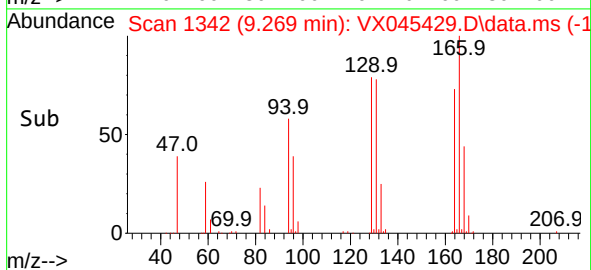
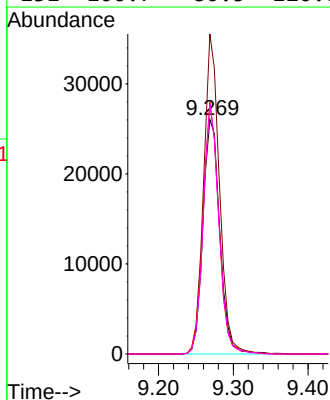
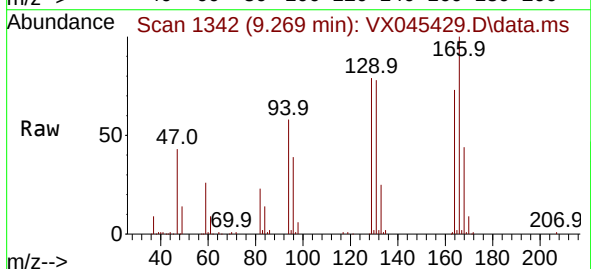
Manual Integrations
APPROVED

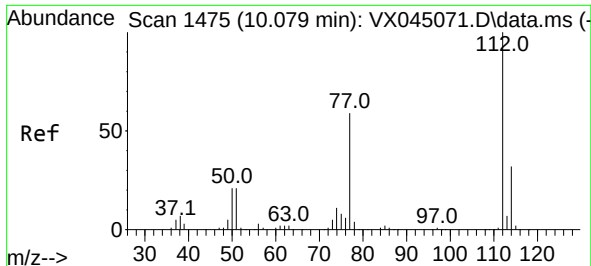
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#64
Tetrachloroethene
Concen: 49.746 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion:164 Resp: 40631
Ion Ratio Lower Upper
164 100
166 136.5 103.6 155.4
129 107.5 82.7 124.1
131 106.7 80.5 120.7





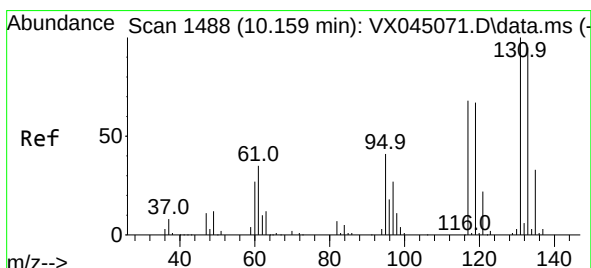
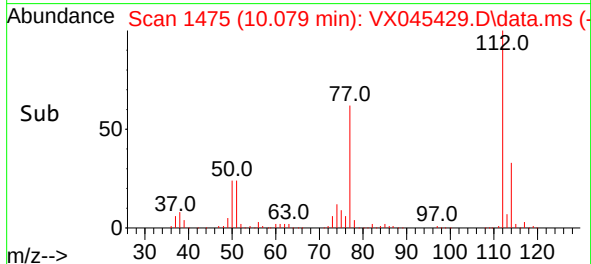
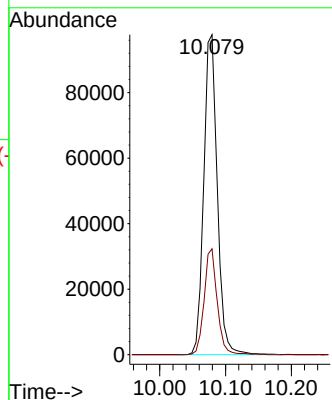
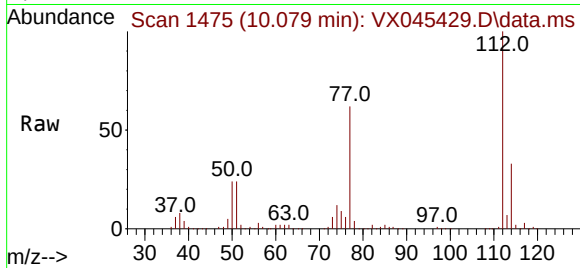
#65
Chlorobenzene
Concen: 51.873 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 13997
Ion Ratio Lower Upper
112 100
114 33.1 26.0 39.0

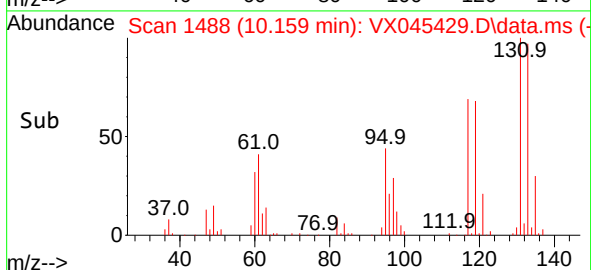
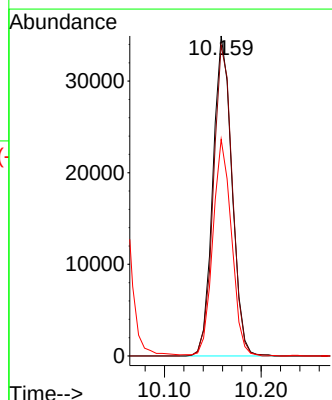
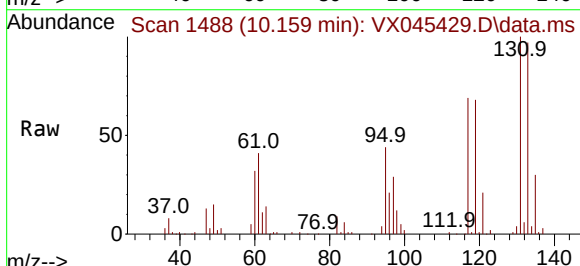
Manual Integrations
APPROVED

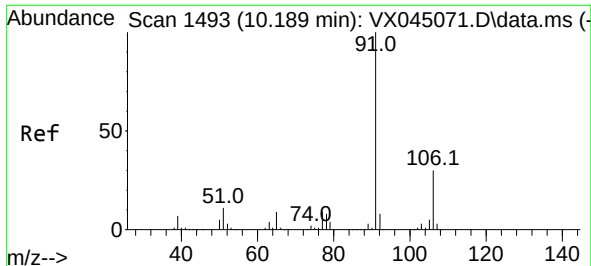
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.151 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

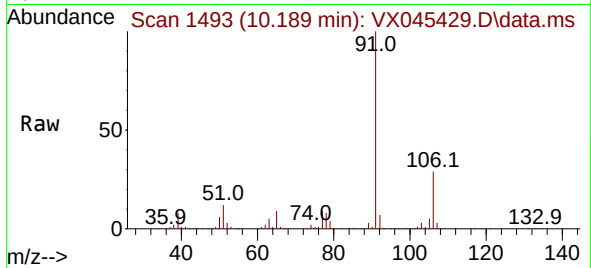
Tgt Ion:131 Resp: 47764
Ion Ratio Lower Upper
131 100
133 96.5 48.6 145.9
119 66.3 33.9 101.7





#67
Ethyl Benzene
Concen: 53.238 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

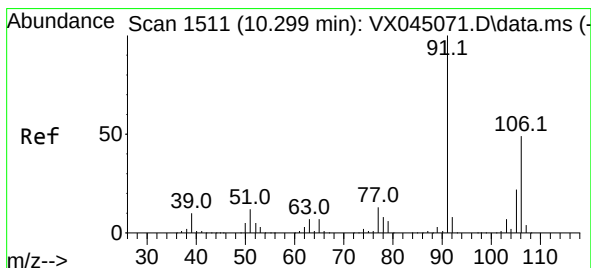
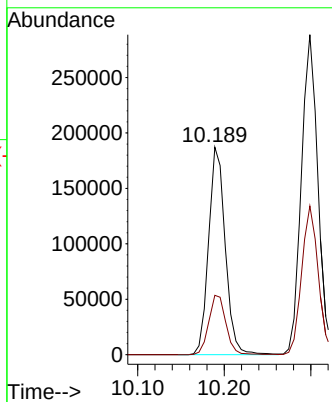
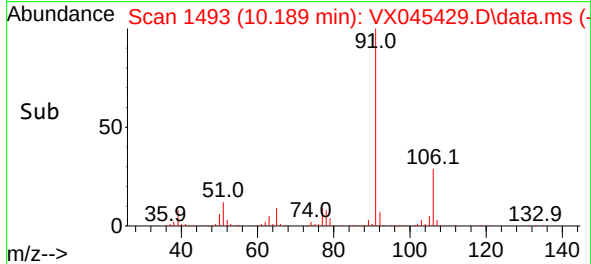
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 250322
Ion Ratio Lower Upper
91 100
106 28.6 23.9 35.9

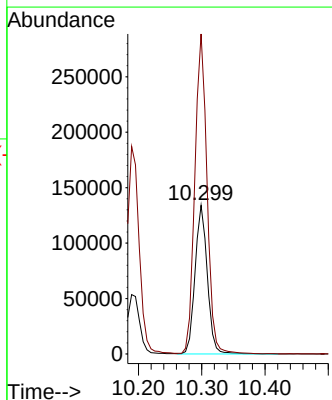
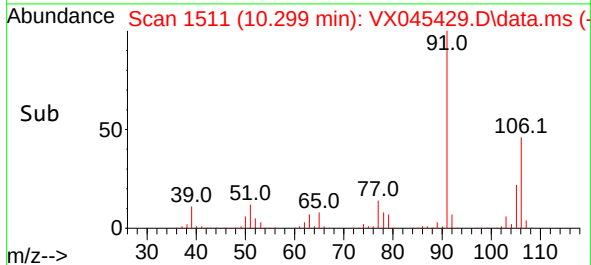
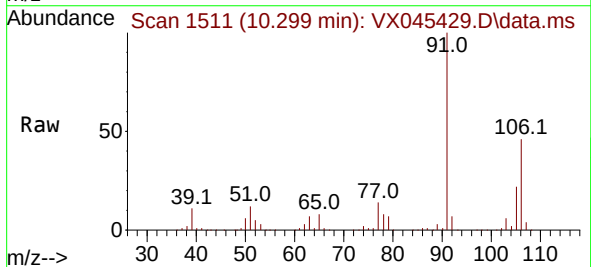
Manual Integrations
APPROVED

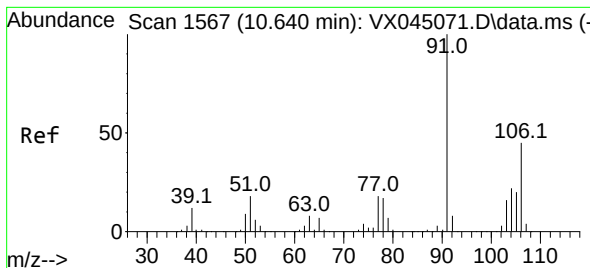
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#68
m/p-Xylenes
Concen: 105.294 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion:106 Resp: 181238
Ion Ratio Lower Upper
106 100
91 213.8 165.4 248.0





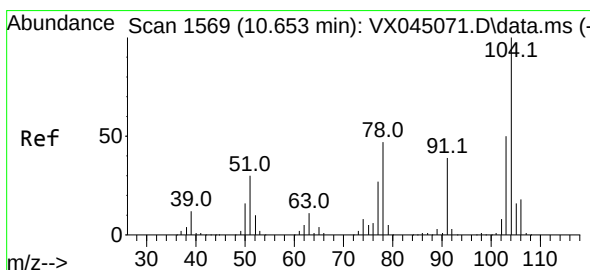
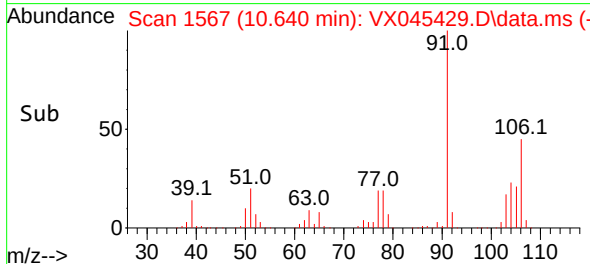
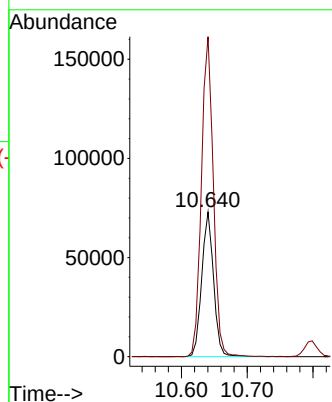
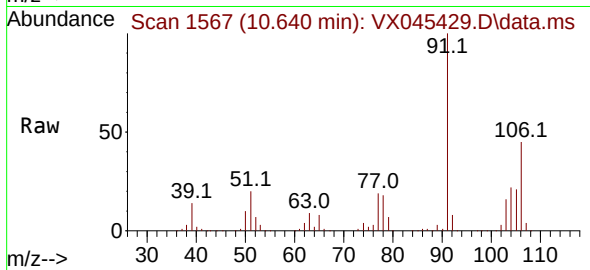
#69
o-Xylene
Concen: 52.437 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 91030
Ion Ratio Lower Upper
106 100
91 223.6 109.9 329.6

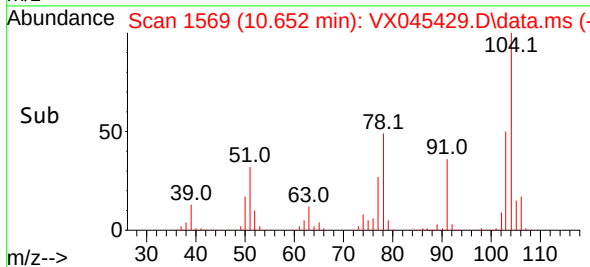
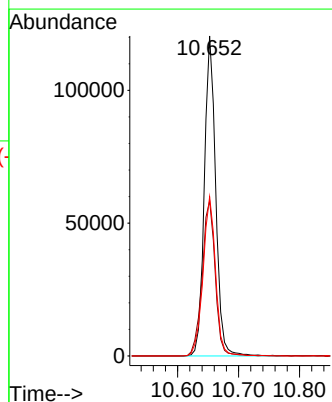
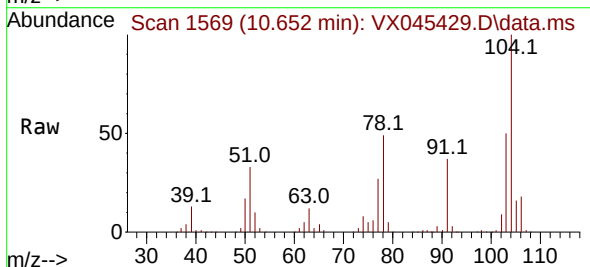
Manual Integrations
APPROVED

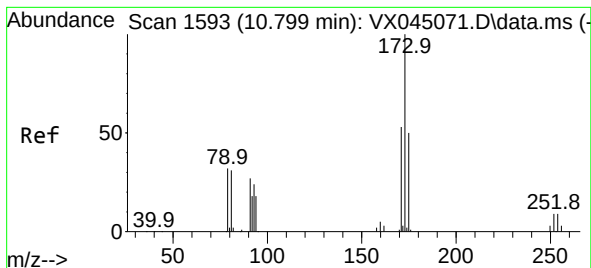
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#70
Styrene
Concen: 56.029 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion:104 Resp: 157381
Ion Ratio Lower Upper
104 100
78 55.6 42.2 63.4
103 54.8 43.8 65.8





#71

Bromoform

Concen: 55.909 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

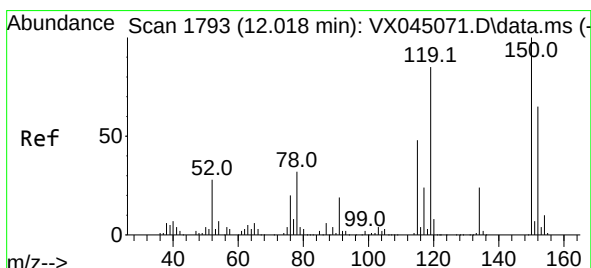
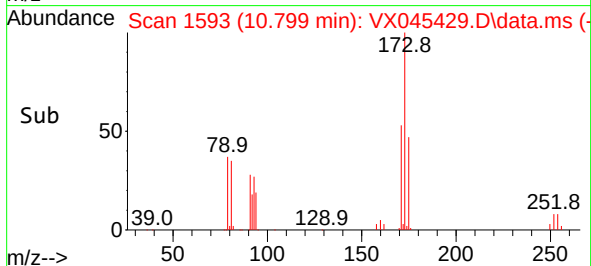
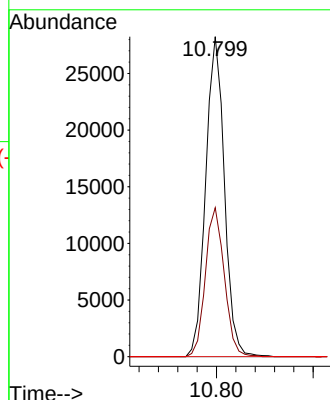
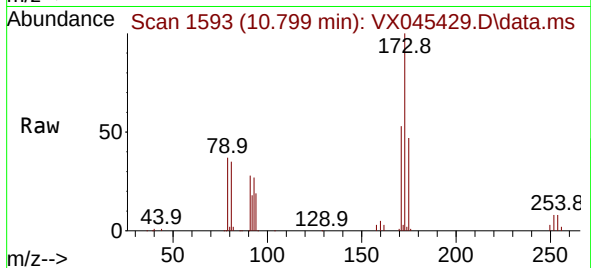
Tgt Ion:173 Resp: 3788
 Ion Ratio Lower Upper
 173 100
 175 47.2 24.6 73.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

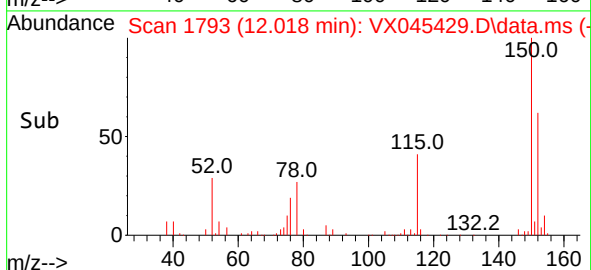
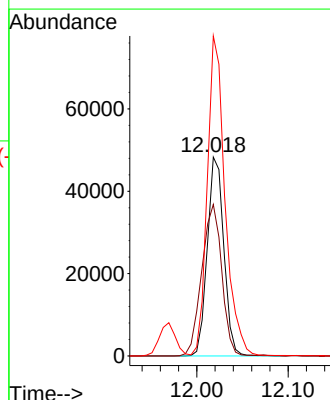
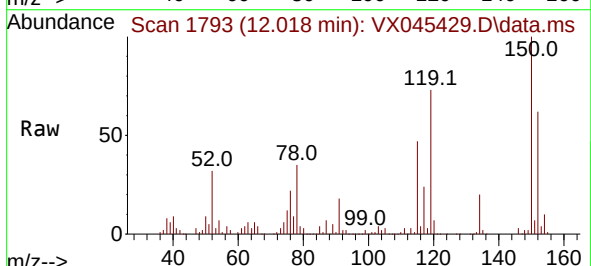
RT: 12.018 min Scan# 1793

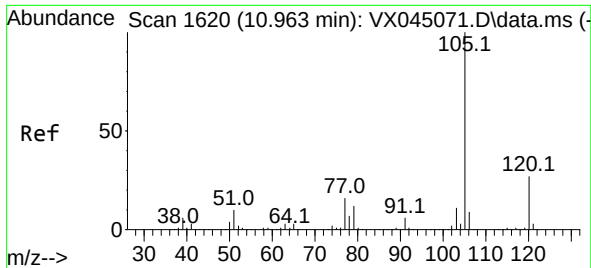
Delta R.T. -0.000 min

Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

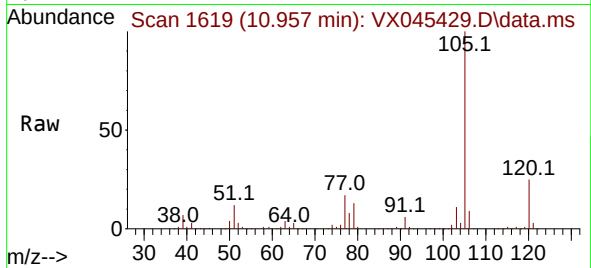
Tgt Ion:152 Resp: 60400
 Ion Ratio Lower Upper
 152 100
 115 92.4 44.2 132.6
 150 172.6 0.0 349.0





#73
Isopropylbenzene
Concen: 51.530 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

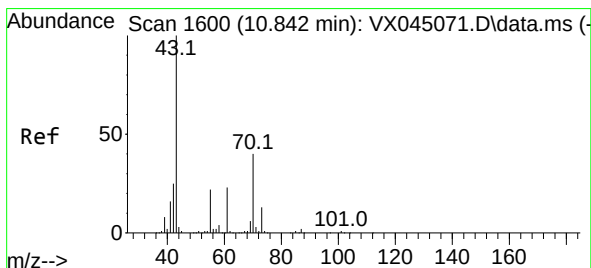
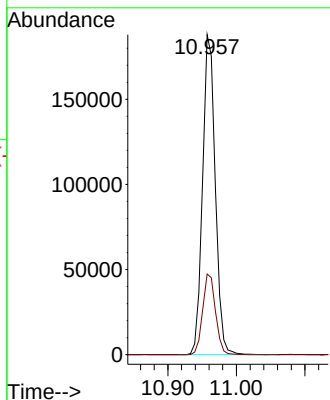
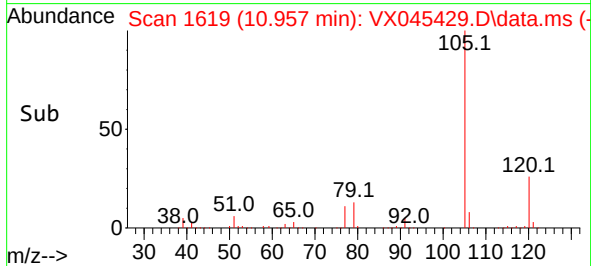
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 242935
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

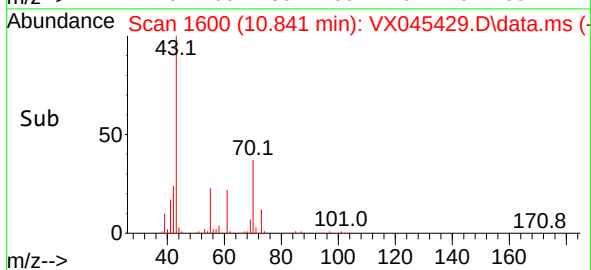
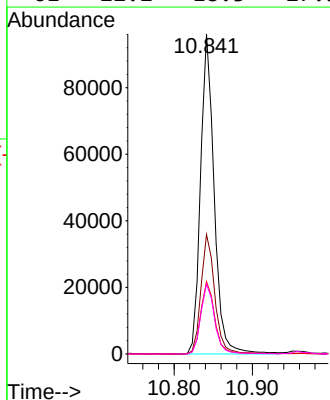
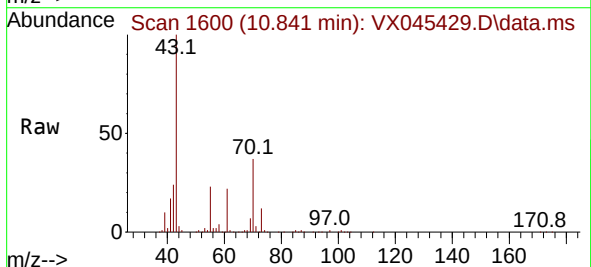
Manual Integrations
APPROVED

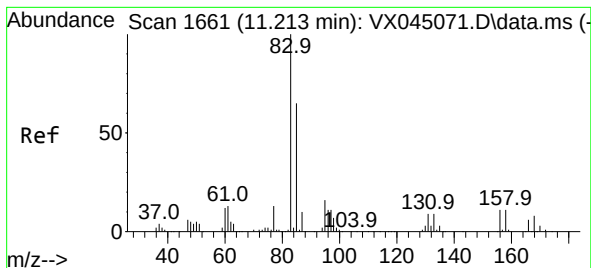
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#74
N-ethyl acetate
Concen: 52.577 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Tgt Ion: 43 Resp: 116309
Ion Ratio Lower Upper
43 100
70 38.0 31.8 47.6
55 23.6 18.3 27.5
61 22.2 18.3 27.5





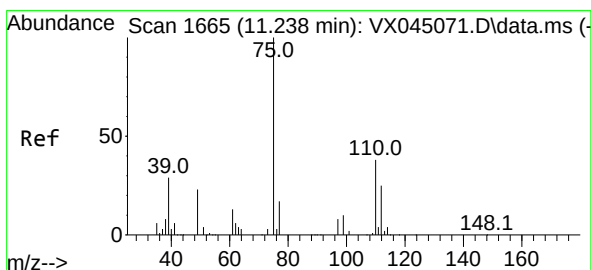
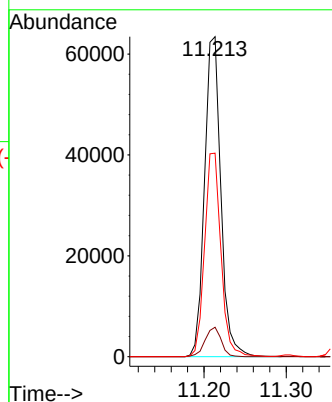
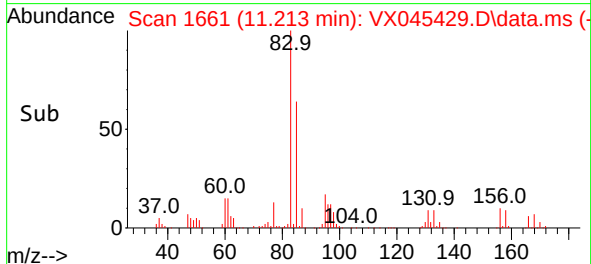
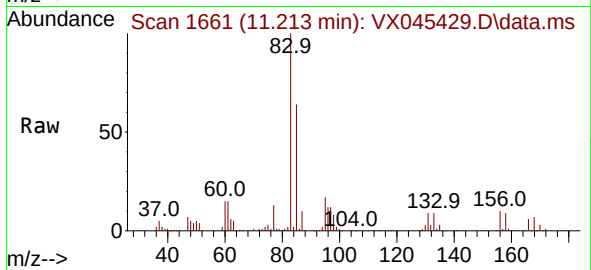
#75
1,1,2,2-Tetrachloroethane
Concen: 50.588 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8751
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.4
85 63.7 31.7 95.1

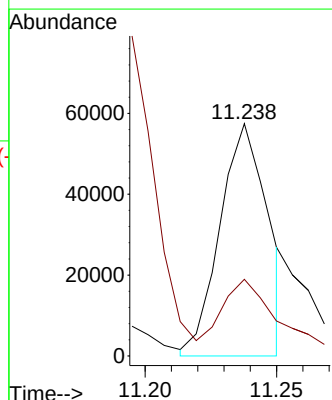
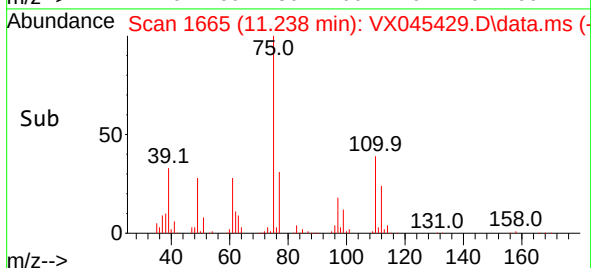
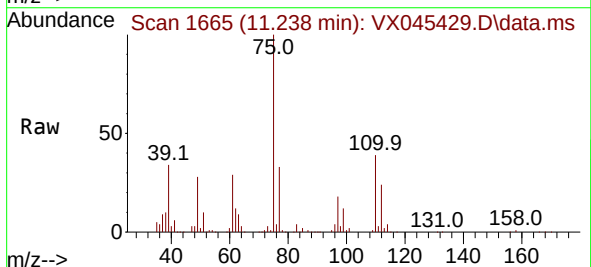
Manual Integrations
APPROVED

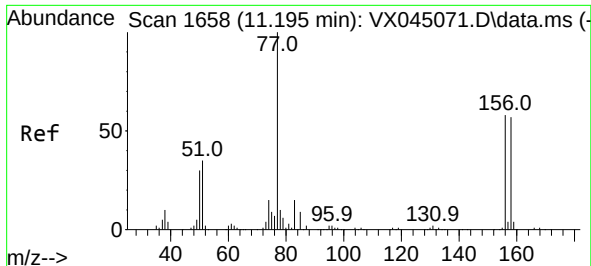
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#76
1,2,3-Trichloropropane
Concen: 51.660 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

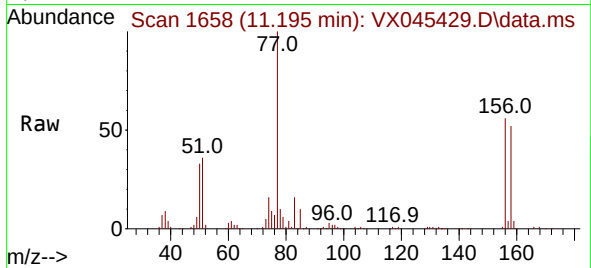
Tgt Ion: 75 Resp: 72625
Ion Ratio Lower Upper
75 100
77 40.3 20.7 62.1





#77
Bromobenzene
Concen: 51.103 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

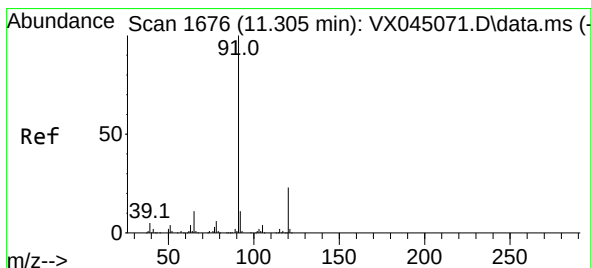
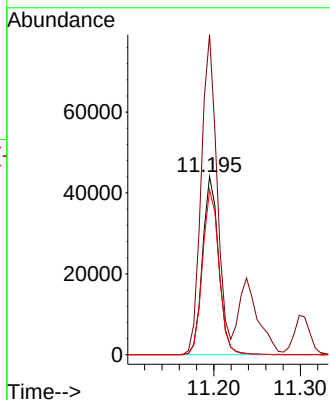
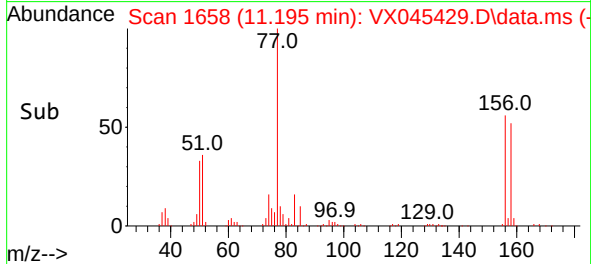
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



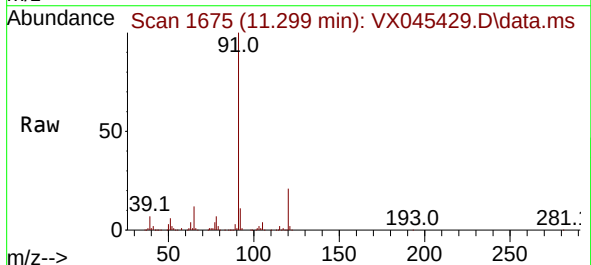
Tgt Ion:156 Resp: 5684
Ion Ratio Lower Upper
156 100
77 176.9 85.8 257.4
158 94.6 48.4 145.2

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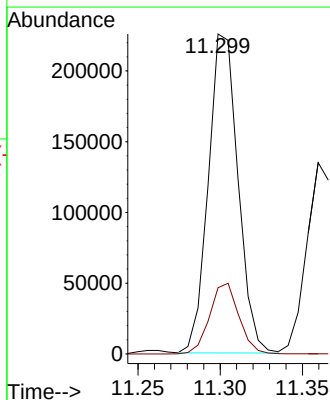
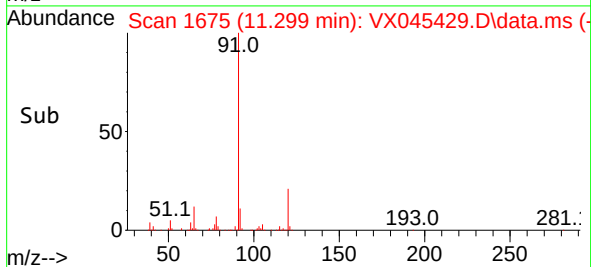
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

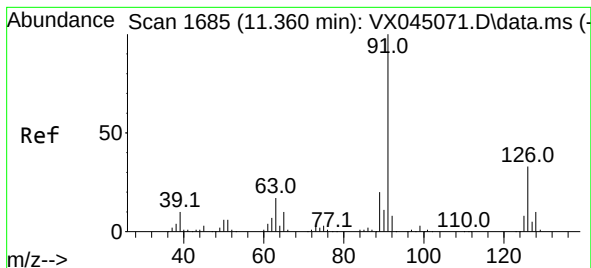


#78
n-propylbenzene
Concen: 53.271 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



Tgt Ion: 91 Resp: 283698
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6





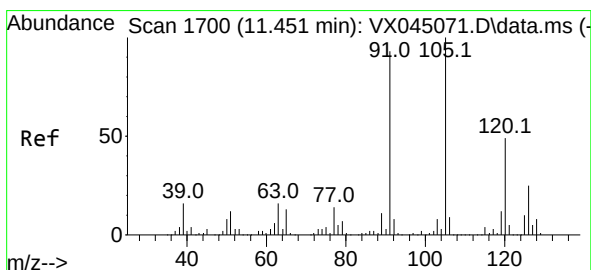
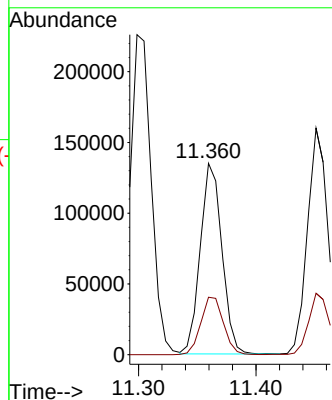
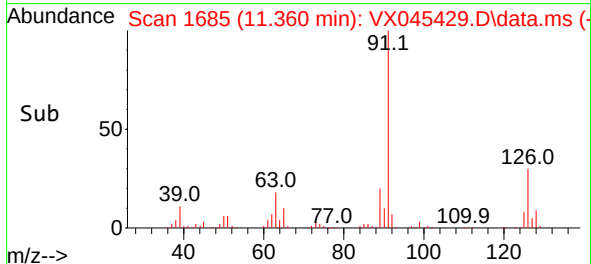
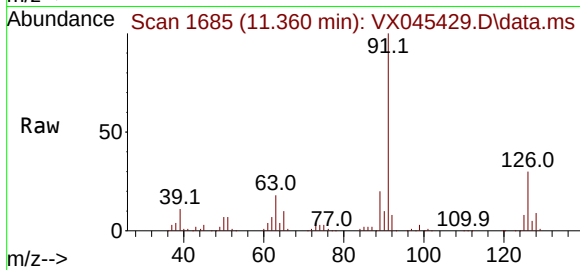
#79
2-Chlorotoluene
Concen: 50.957 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 172828
Ion Ratio Lower Upper
91 100
126 31.5 16.4 49.4

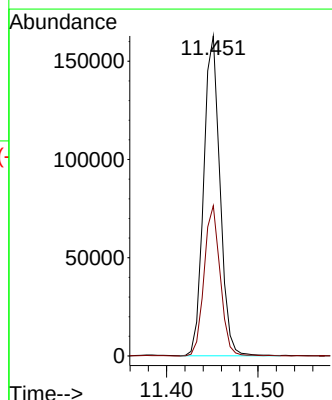
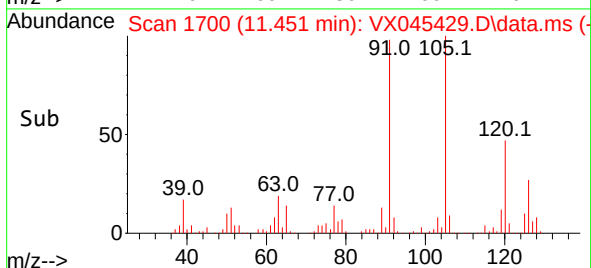
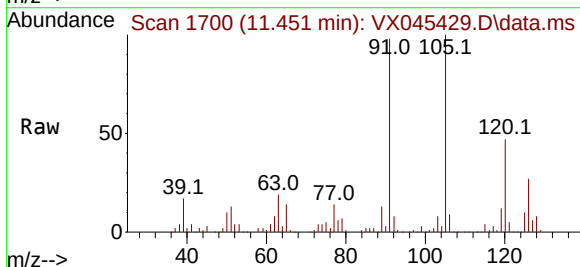
Manual Integrations
APPROVED

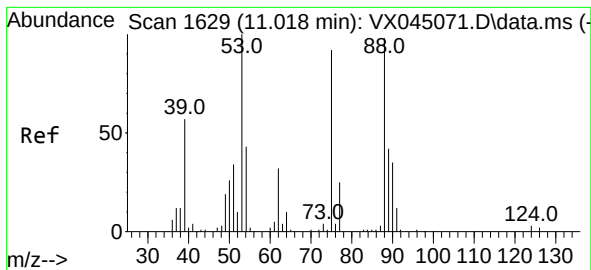
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.906 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

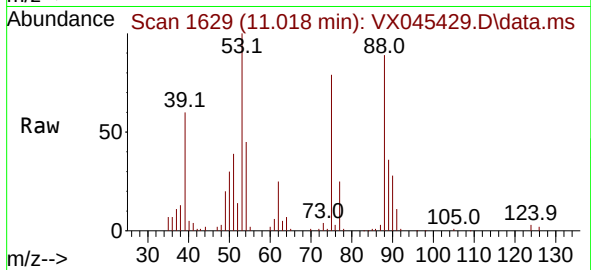
Tgt Ion:105 Resp: 201673
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 49.385 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

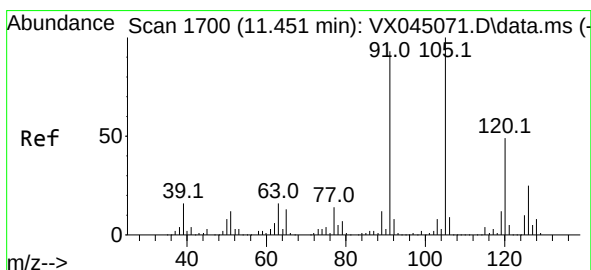
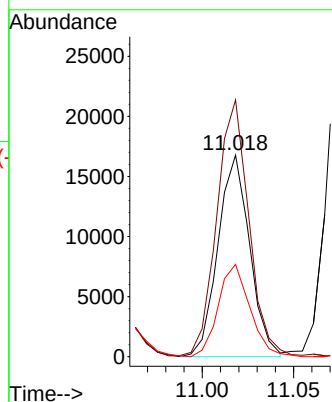
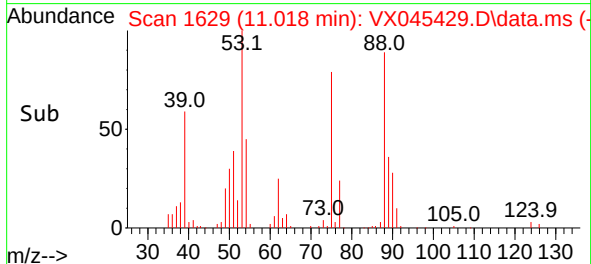
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



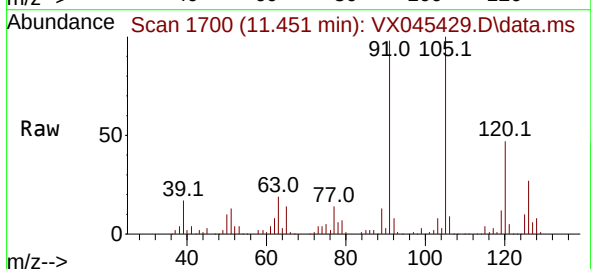
Tgt Ion: 75 Resp: 2028
Ion Ratio Lower Upper
75 100
53 127.6 88.5 132.7
89 45.6 36.2 54.4

Manual Integrations
APPROVED

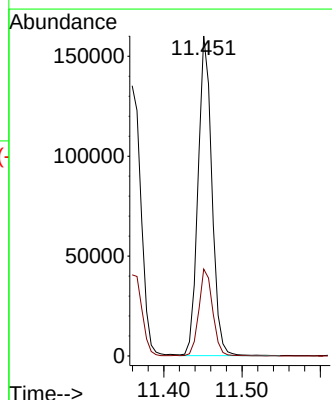
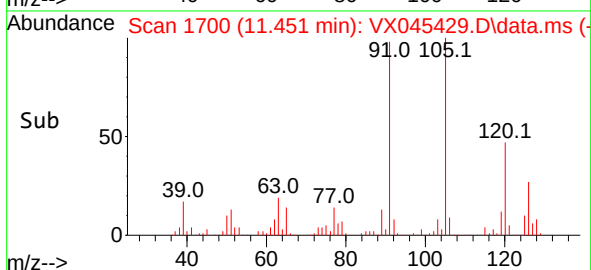
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

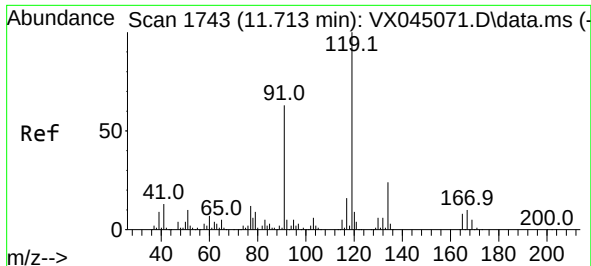


#82
4-Chlorotoluene
Concen: 53.166 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



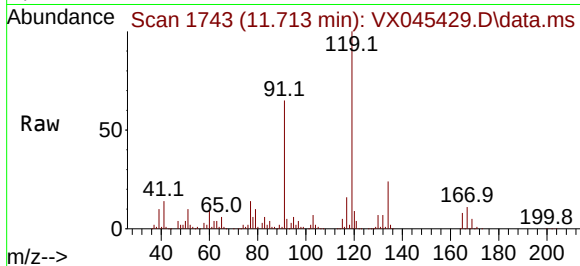
Tgt Ion: 91 Resp: 196524
Ion Ratio Lower Upper
91 100
126 27.3 14.1 42.4





#83
 tert-Butylbenzene
 Concen: 51.356 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42

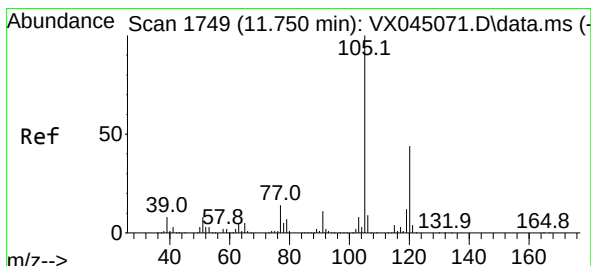
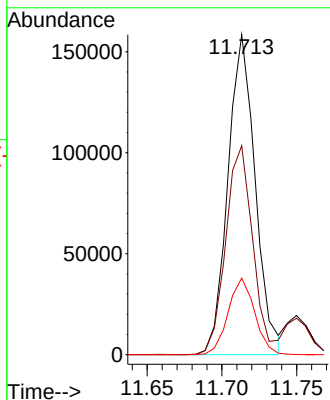
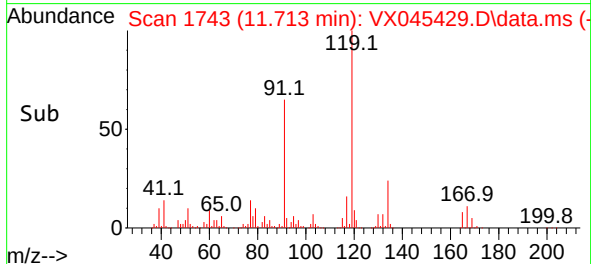
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:119 Resp: 201144
 Ion Ratio Lower Upper
 119 100
 91 65.1 30.7 92.1
 134 23.3 11.7 35.0

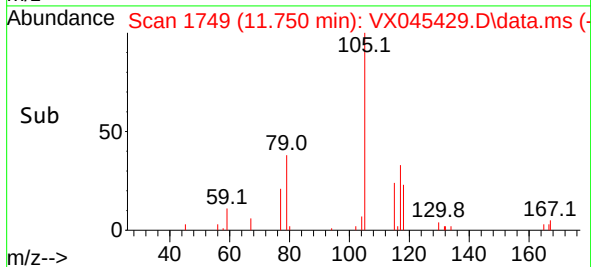
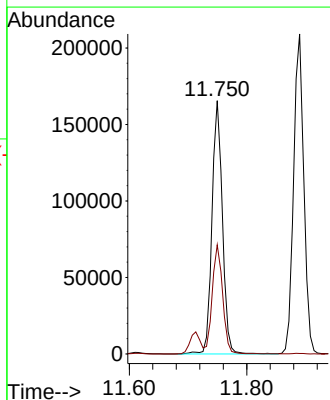
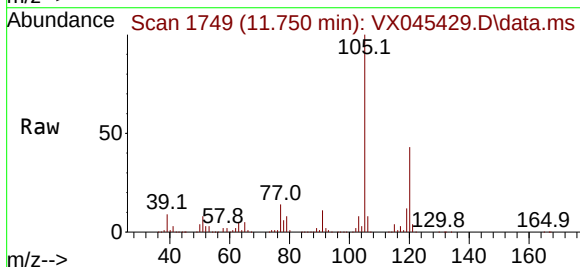
Manual Integrations
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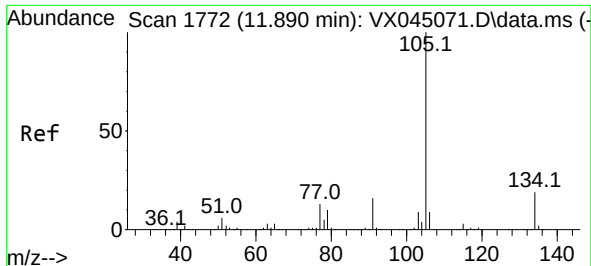
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 53.251 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42

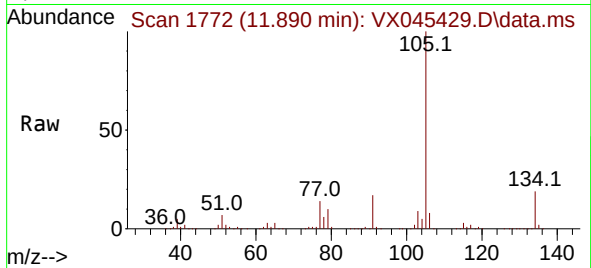
Tgt Ion:105 Resp: 204246
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 54.043 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42

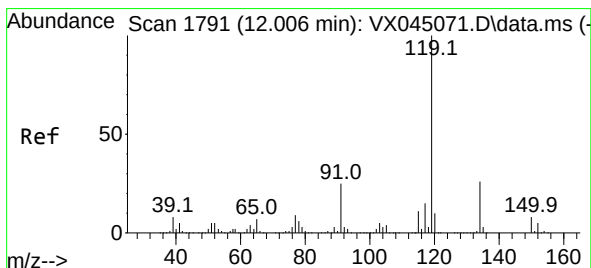
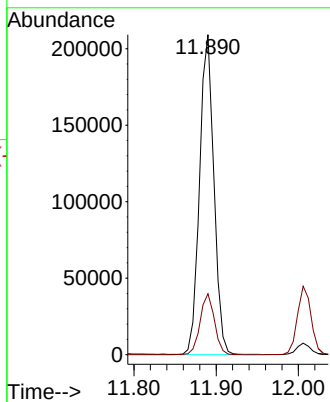
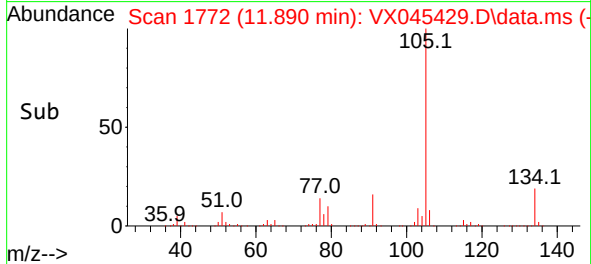
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



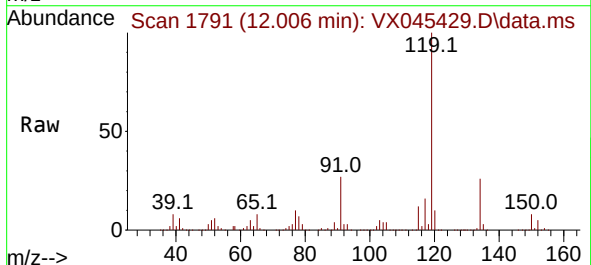
Tgt Ion:105 Resp: 253554
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
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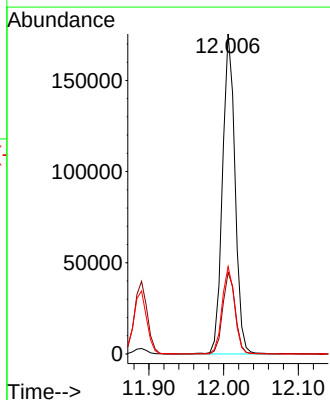
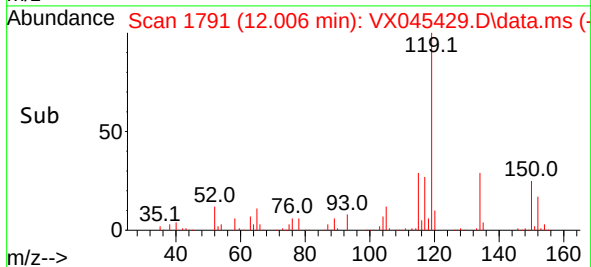
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

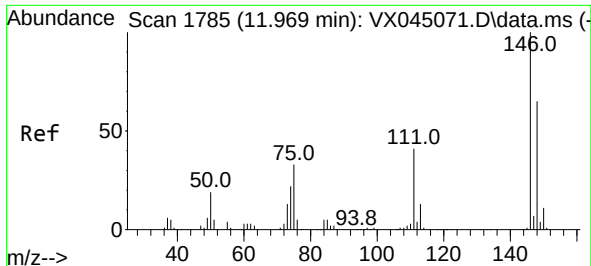


#86
 p-Isopropyltoluene
 Concen: 53.996 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42



Tgt Ion:119 Resp: 204726
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 27.2 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 50.976 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

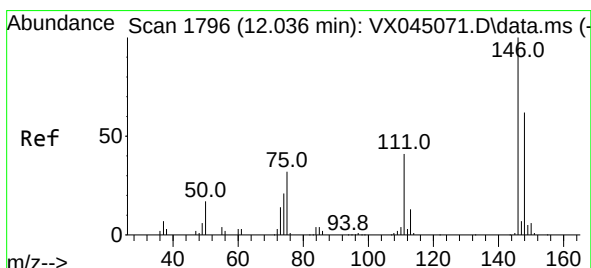
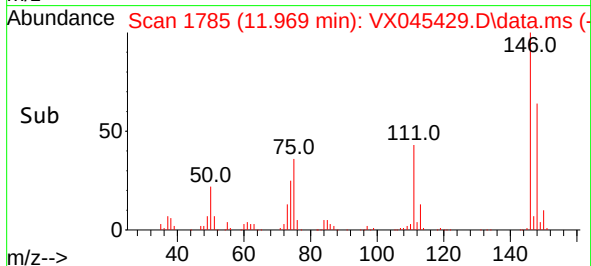
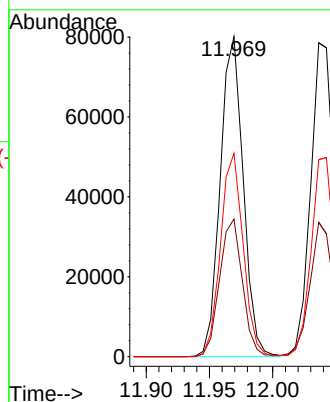
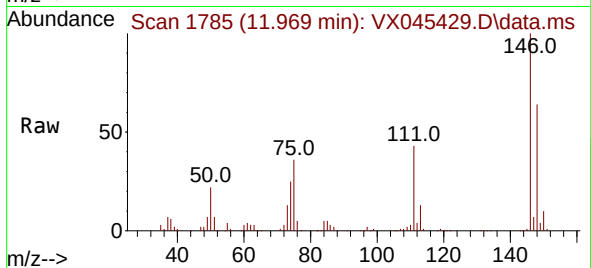
Tgt Ion:146 Resp: 101152
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.4
 148 62.5 31.9 95.7

Manual Integrations

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Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#88

1,4-Dichlorobenzene

Concen: 50.634 ug/l

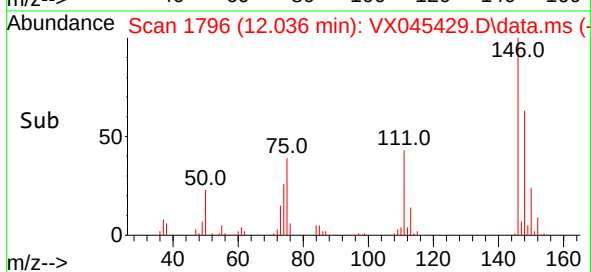
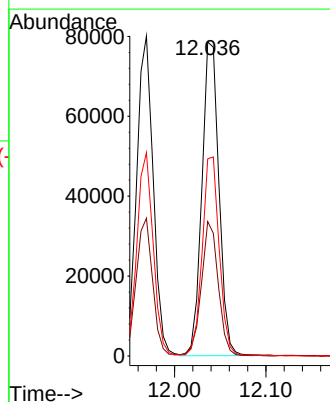
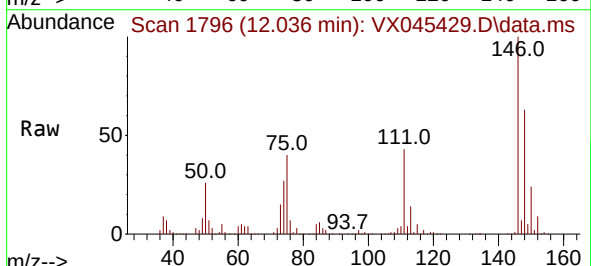
RT: 12.036 min Scan# 1796

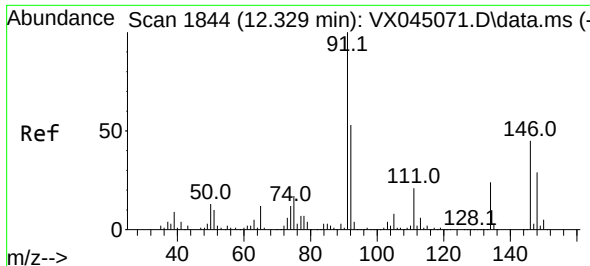
Delta R.T. -0.000 min

Lab File: VX045429.D

Acq: 24 Mar 2025 20:42

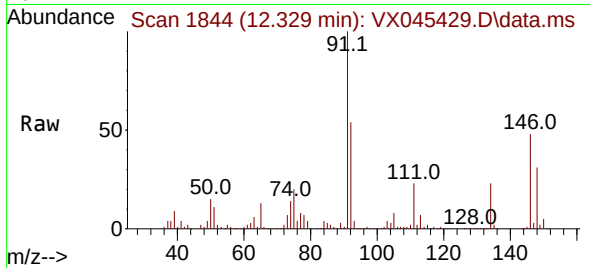
Tgt Ion:146 Resp: 101650
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.2 60.5
 148 63.5 31.9 95.9





#89
n-Butylbenzene
Concen: 56.004 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

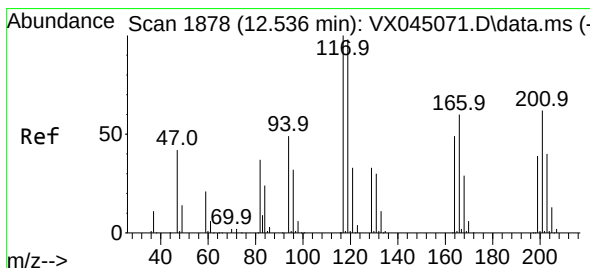
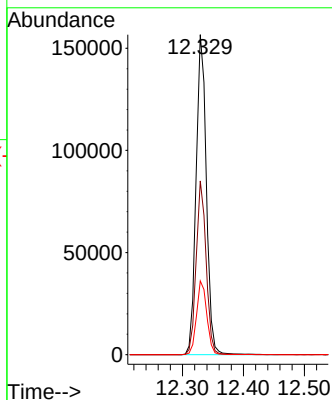
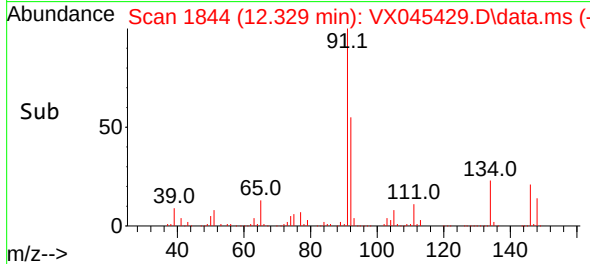
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 18288
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 23.2 12.2 36.6

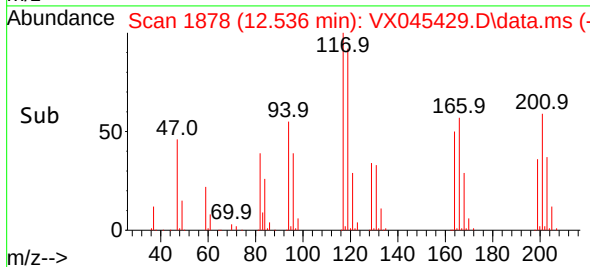
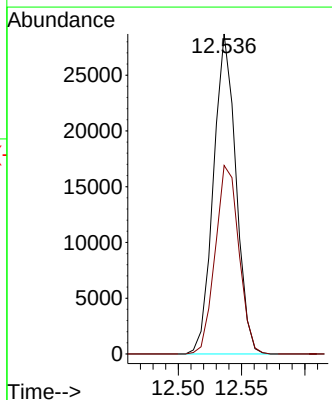
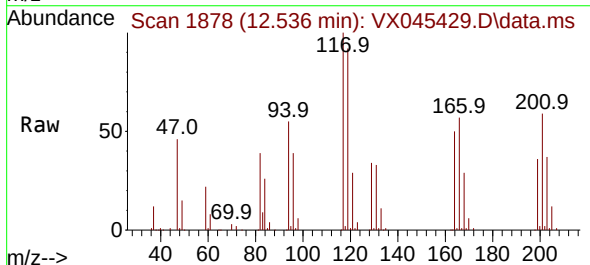
Manual Integrations
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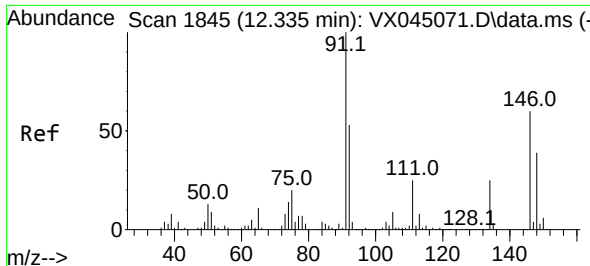
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#90
Hexachloroethane
Concen: 51.608 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

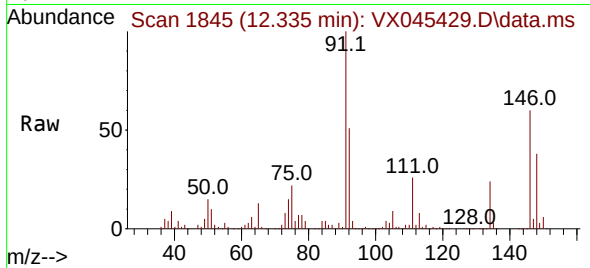
Tgt Ion:117 Resp: 35393
Ion Ratio Lower Upper
117 100
201 62.2 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 51.543 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

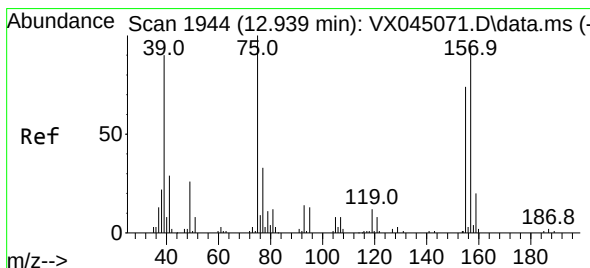
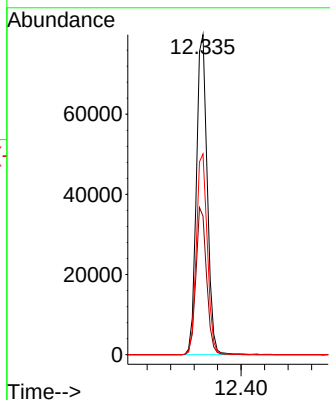
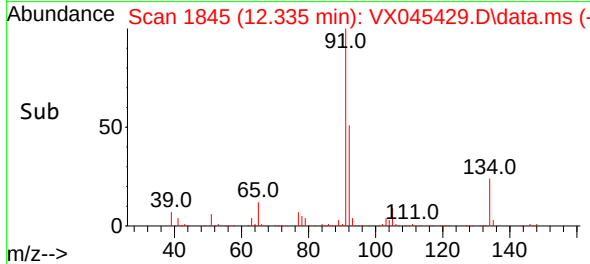
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



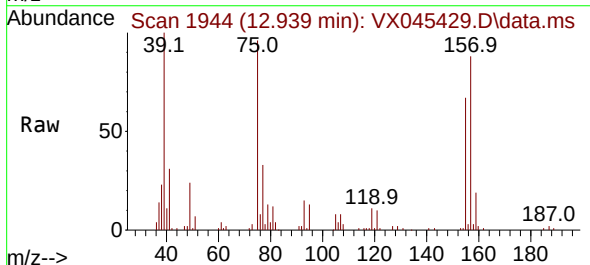
Tgt Ion:146 Resp: 102600
Ion Ratio Lower Upper
146 100
111 45.2 21.6 65.0
148 63.5 31.9 95.9

Manual Integrations
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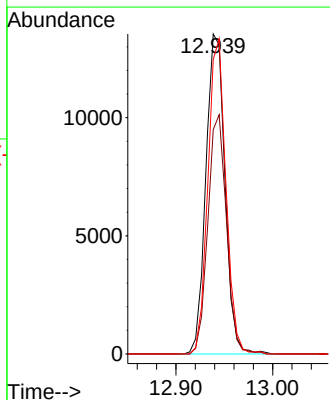
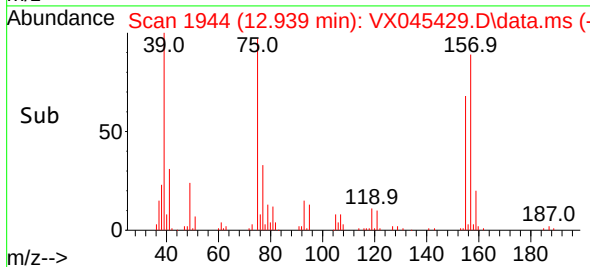
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

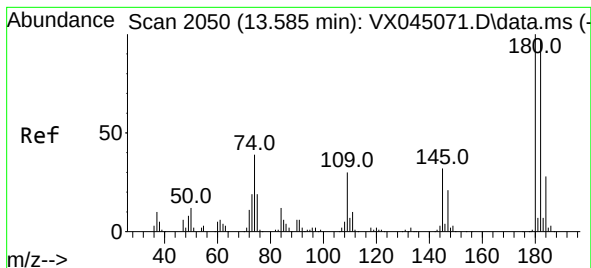


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.190 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



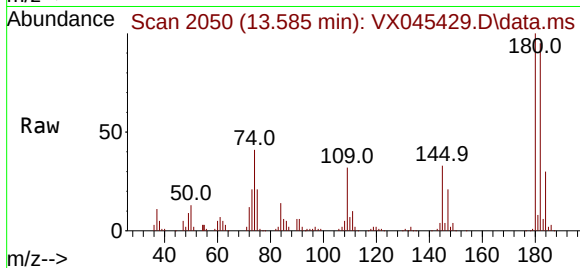
Tgt Ion: 75 Resp: 18601
Ion Ratio Lower Upper
75 100
155 72.7 39.6 118.7
157 92.9 51.1 153.4





#93
 1,2,4-Trichlorobenzene
 Concen: 52.069 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42

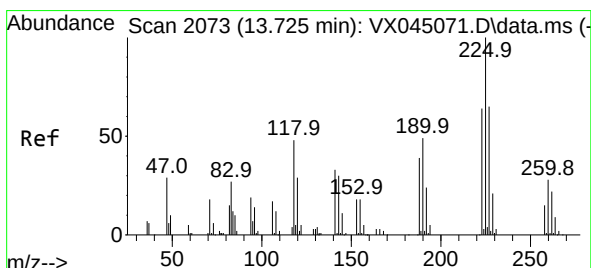
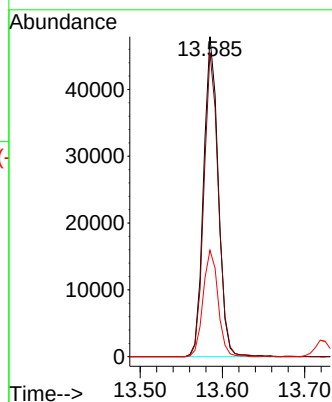
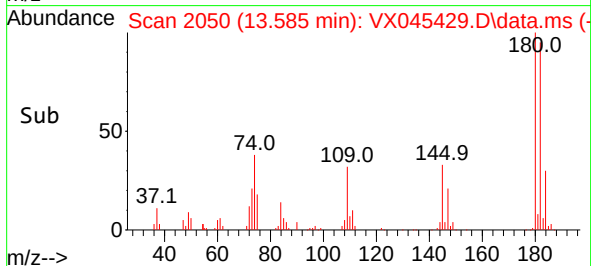
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



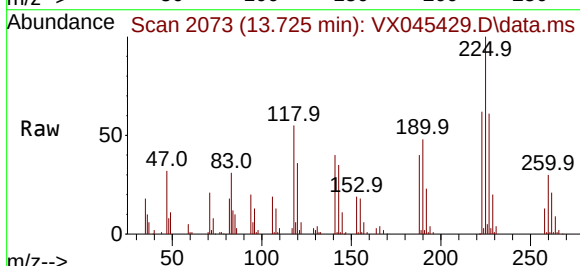
Tgt Ion:180 Resp: 5901
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 141.9
 145 33.9 16.3 48.9

Manual Integrations
 APPROVED

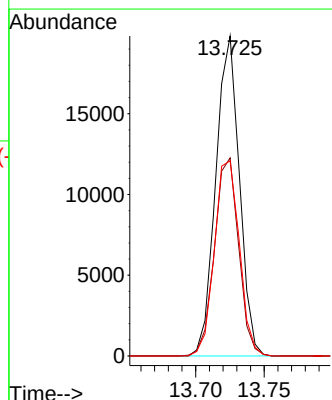
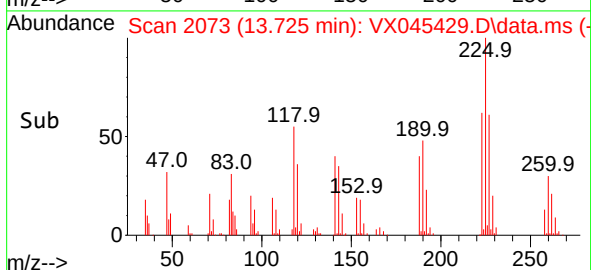
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

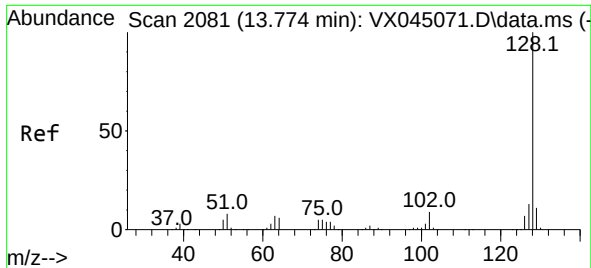


#94
 Hexachlorobutadiene
 Concen: 51.066 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX045429.D
 Acq: 24 Mar 2025 20:42



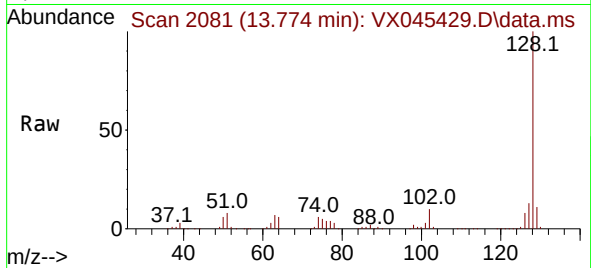
Tgt Ion:225 Resp: 23730
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.7
 227 64.4 31.4 94.0





#95
Naphthalene
Concen: 51.277 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42

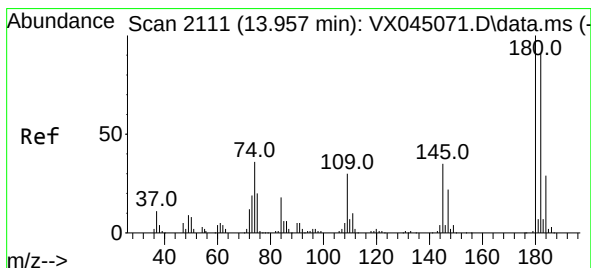
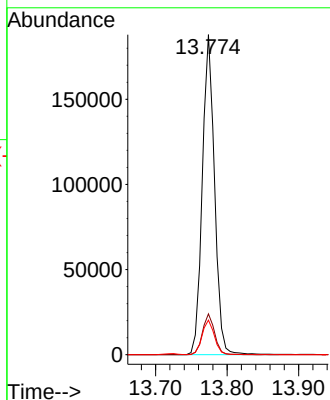
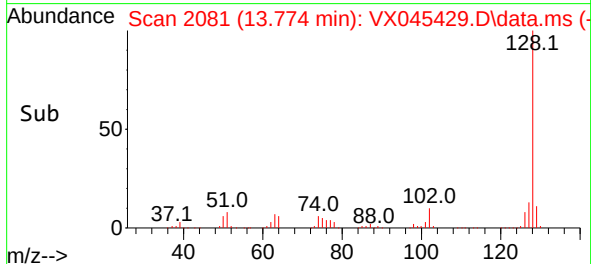
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



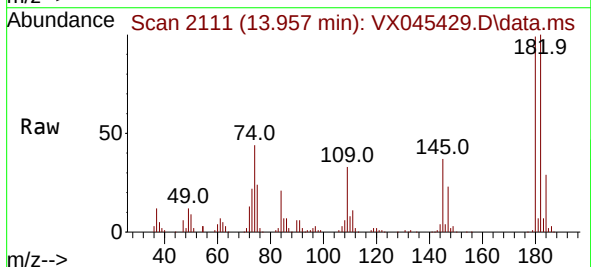
Tgt Ion:128 Resp: 223298
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.264 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045429.D
Acq: 24 Mar 2025 20:42



Tgt Ion:180 Resp: 61297
Ion Ratio Lower Upper
180 100
182 97.8 47.5 142.6
145 35.9 17.0 50.9

