

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044875.D
 Acq On : 10 Feb 2025 13:15
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021025

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 06:02:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	135936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	245098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	213248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95635	48.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.120%		
35) Dibromofluoromethane	5.379	113	78360	49.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	299178	49.649	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.300%		
62) 4-Bromofluorobenzene	11.079	95	105201	51.786	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93752	49.173	ug/l	99
3) Chloromethane	1.300	50	110431	47.590	ug/l	98
4) Vinyl Chloride	1.374	62	105730	47.033	ug/l	100
5) Bromomethane	1.593	94	31428	46.719	ug/l	97
6) Chloroethane	1.660	64	37913	42.198	ug/l	99
7) Trichlorofluoromethane	1.867	101	138044	48.558	ug/l	97
8) Diethyl Ether	2.130	74	49018	47.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	86892	50.588	ug/l	98
10) Methyl Iodide	2.447	142	111488	50.082	ug/l	100
11) Tert butyl alcohol	2.983	59	92949	251.791	ug/l	100
12) 1,1-Dichloroethene	2.306	96	83987	47.935	ug/l	95
13) Acrolein	2.233	56	91744	240.879	ug/l	98
14) Allyl chloride	2.654	41	155084	48.976	ug/l	99
15) Acrylonitrile	3.062	53	247921	251.537	ug/l	99
16) Acetone	2.379	43	205743	257.198	ug/l	98
17) Carbon Disulfide	2.501	76	237694	49.472	ug/l	100
18) Methyl Acetate	2.703	43	126015	49.920	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	275685	49.453	ug/l	99
20) Methylene Chloride	2.782	84	94006	47.978	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	84720	49.129	ug/l	98
22) Diisopropyl ether	3.757	45	300357	50.138	ug/l	98
23) Vinyl Acetate	3.715	43	1257431	257.465	ug/l	100
24) 1,1-Dichloroethane	3.599	63	165351	49.329	ug/l	99
25) 2-Butanone	4.556	43	335358	258.175	ug/l	97
26) 2,2-Dichloropropane	4.464	77	133670	50.285	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	102518	49.493	ug/l	99
28) Bromochloromethane	4.891	49	72893	45.250	ug/l	99
29) Tetrahydrofuran	5.001	42	218496	253.318	ug/l	100
30) Chloroform	5.086	83	157312	48.393	ug/l	98
31) Cyclohexane	5.458	56	152073	49.211	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	134626	48.825	ug/l	100
36) 1,1-Dichloropropene	5.684	75	111968	48.702	ug/l	99
37) Ethyl Acetate	4.708	43	126071	49.300	ug/l	99
38) Carbon Tetrachloride	5.672	117	110581	49.083	ug/l	97
39) Methylcyclohexane	7.372	83	158289	53.254	ug/l	98
40) Benzene	6.031	78	358365	49.919	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	73559	53.741	ug/l	99
42) 1,2-Dichloroethane	6.080	62	115339	50.410	ug/l	100
43) Isopropyl Acetate	6.336	43	213901	51.798	ug/l	100
44) Trichloroethene	7.116	130	81911	49.917	ug/l	99
45) 1,2-Dichloropropane	7.427	63	89992	50.387	ug/l	98
46) Dibromomethane	7.580	93	61360	49.540	ug/l	99
47) Bromodichloromethane	7.818	83	122265	50.980	ug/l	99
48) Methyl methacrylate	7.690	41	102900	52.848	ug/l	99
49) 1,4-Dioxane	7.659	88	42658	1021.138	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	665564	265.112	ug/l	100
52) Toluene	8.714	92	216682	50.680	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	130405	53.731	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	143379	52.986	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	83510	50.811	ug/l	100
56) Ethyl methacrylate	9.116	69	143524	54.068	ug/l	99
57) 1,3-Dichloropropane	9.305	76	146236	50.852	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	370622	284.352	ug/l	99
59) 2-Hexanone	9.427	43	488298	269.951	ug/l	99
60) Dibromochloromethane	9.518	129	90826	51.673	ug/l	99
61) 1,2-Dibromoethane	9.604	107	85683	51.436	ug/l	100
64) Tetrachloroethene	9.268	164	66468	49.424	ug/l	98
65) Chlorobenzene	10.079	112	233373	50.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	75488	51.205	ug/l	98
67) Ethyl Benzene	10.189	91	415575	51.415	ug/l	99
68) m/p-Xylenes	10.299	106	310925	104.282	ug/l	100
69) o-Xylene	10.640	106	151995	50.804	ug/l	100
70) Styrene	10.652	104	257972	53.521	ug/l	100
71) Bromoform	10.799	173	59409	53.997	ug/l #	100
73) Isopropylbenzene	10.957	105	390246	49.921	ug/l	100
74) N-amyl acetate	10.841	43	186145	52.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	129829	48.331	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	106893m	49.659	ug/l	
77) Bromobenzene	11.195	156	88129	49.725	ug/l	100
78) n-propylbenzene	11.299	91	463655	51.386	ug/l	99
79) 2-Chlorotoluene	11.360	91	272091	49.065	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	323251	50.956	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	44070	52.665	ug/l	99
82) 4-Chlorotoluene	11.451	91	312112	50.872	ug/l	100
83) tert-Butylbenzene	11.713	119	321772	50.139	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	323035	51.593	ug/l	100
85) sec-Butylbenzene	11.890	105	410197	51.617	ug/l	100
86) p-Isopropyltoluene	12.006	119	336027	52.581	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	164508	50.475	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	163203	49.526	ug/l	100
89) n-Butylbenzene	12.329	91	311764	55.142	ug/l	100
90) Hexachloroethane	12.536	117	61016	50.990	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	161590	50.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25339	51.684	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	102197	52.726	ug/l	99
94) Hexachlorobutadiene	13.719	225	38998	50.683	ug/l	98
95) Naphthalene	13.774	128	371576	53.033	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	100730	51.575	ug/l	99

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Instrument :
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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

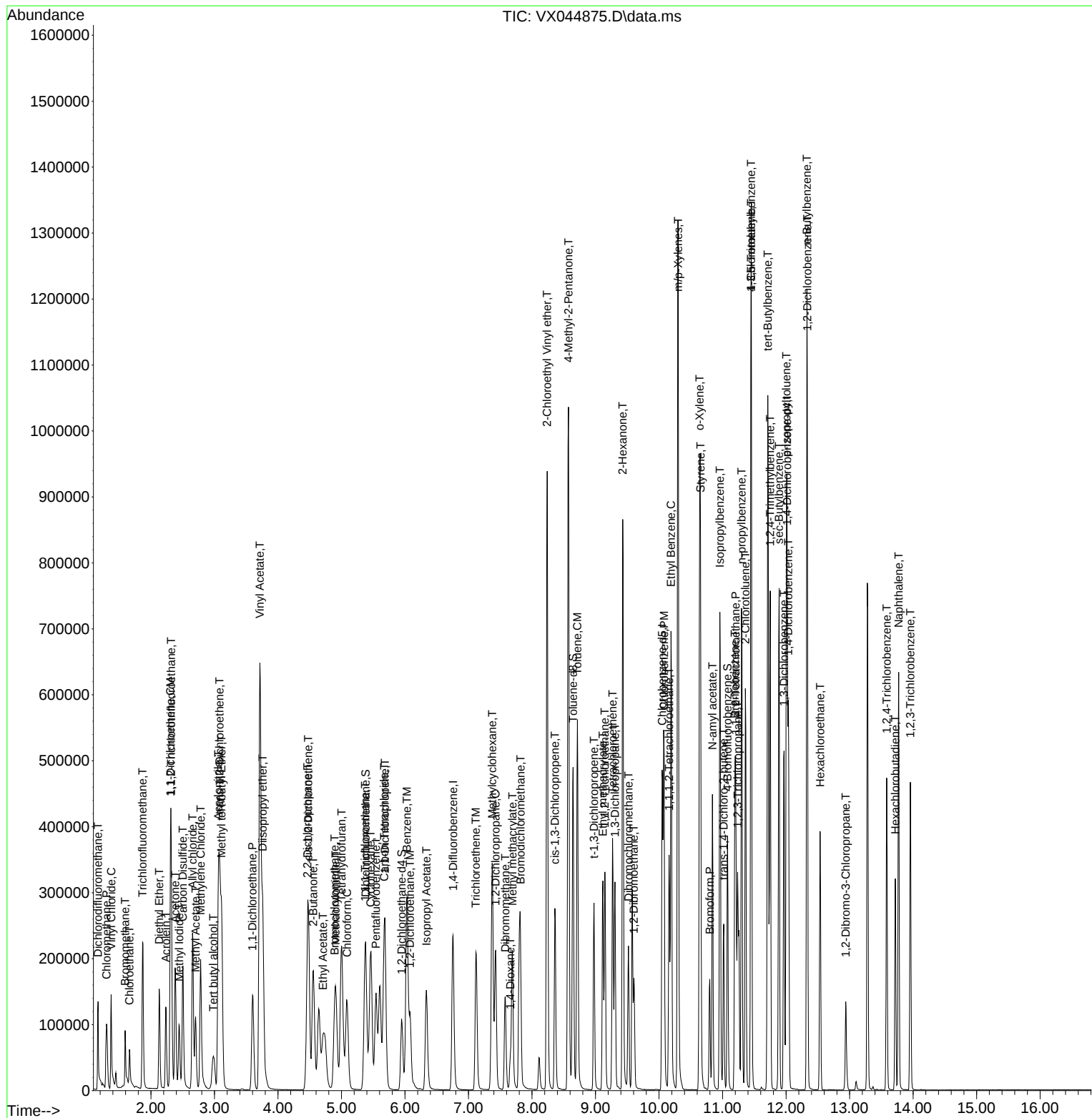
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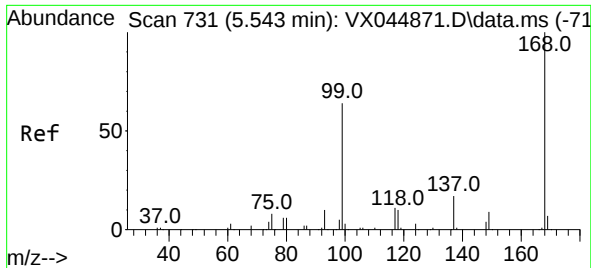
Instrument :
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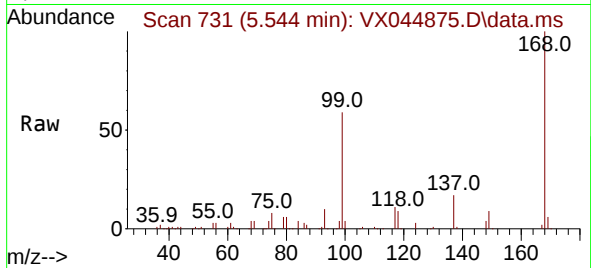
Reviewed By :John Carlone 02/11/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044875.D
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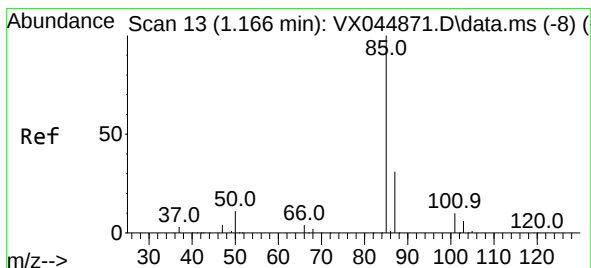
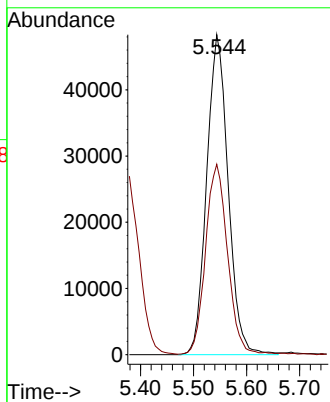
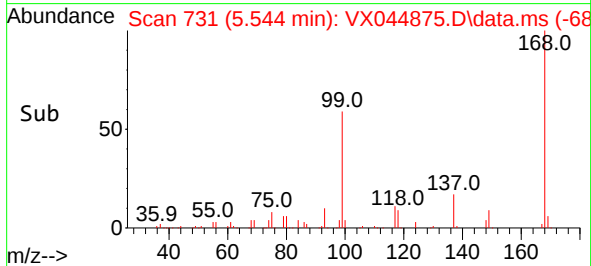
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion:168 Resp: 135930
Ion Ratio Lower Upper
168 100
99 59.3 51.2 76.8

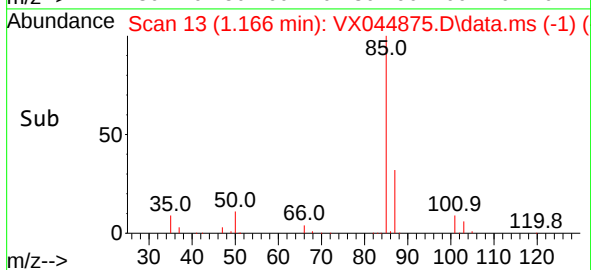
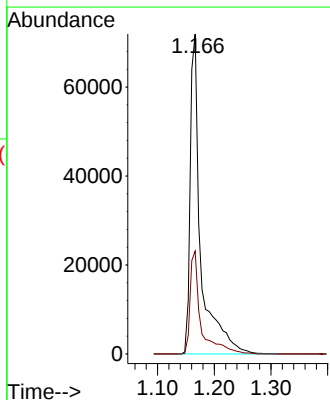
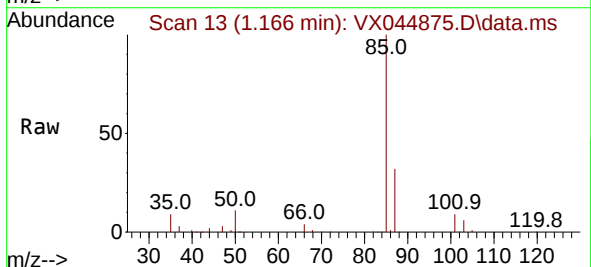
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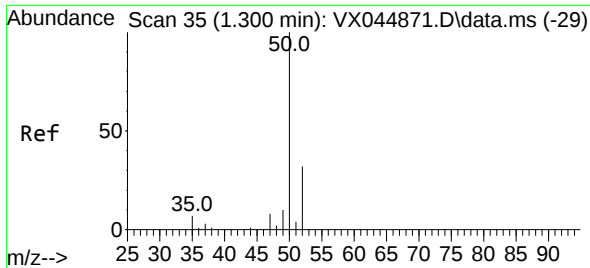
Reviewed By :John Carlone 02/11/2025
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#2
Dichlorodifluoromethane
Concen: 49.173 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

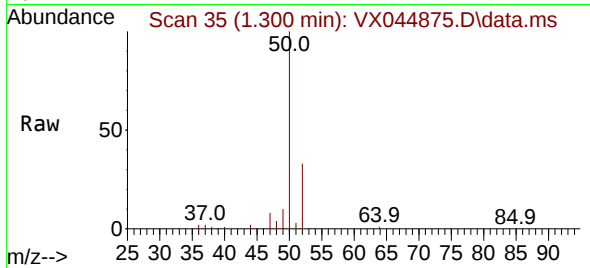
Tgt Ion: 85 Resp: 93752
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.3





#3
Chloromethane
Concen: 47.590 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

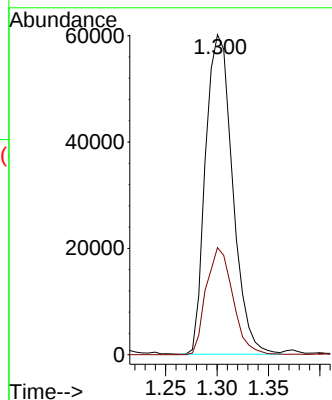
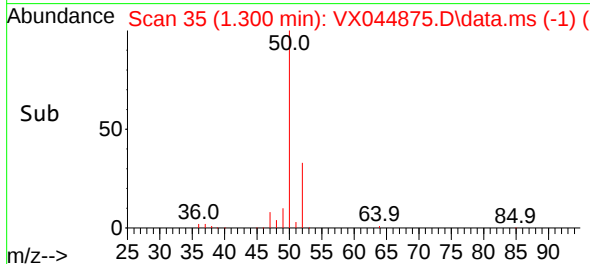
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 50 Resp: 11043
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9

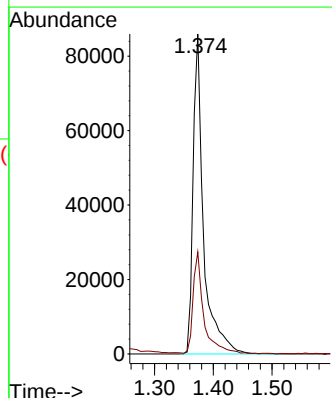
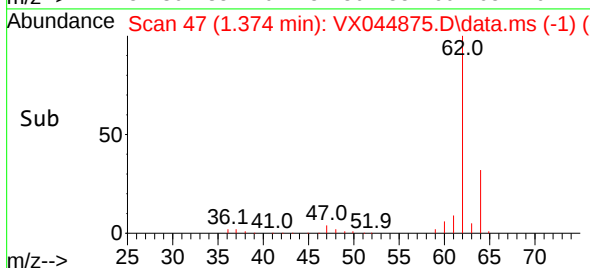
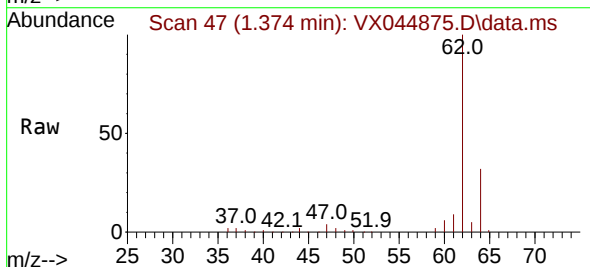
Manual Integrations
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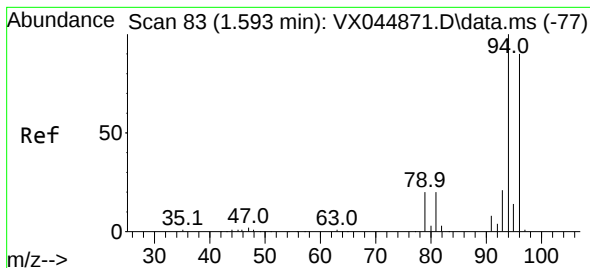
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#4
Vinyl Chloride
Concen: 47.033 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 62 Resp: 105730
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 46.719 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021025

Tgt Ion: 94 Resp: 31428

Ion Ratio Lower Upper

94 100

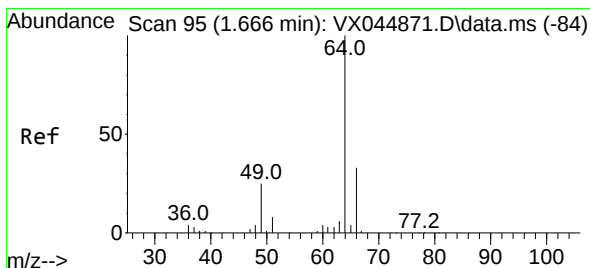
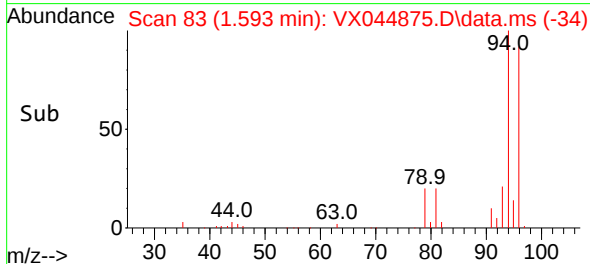
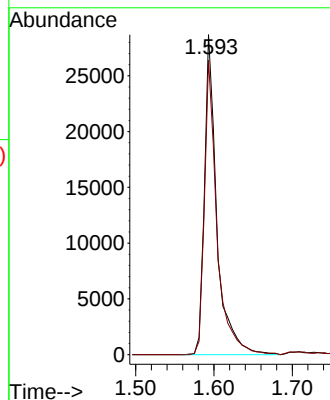
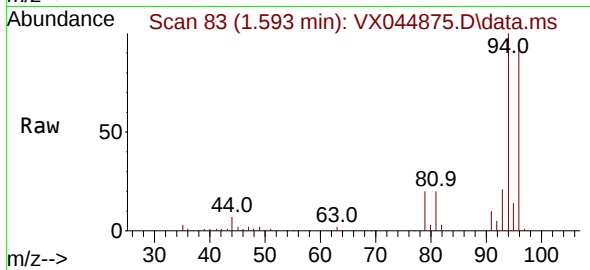
96 92.0 71.6 107.4

Manual Integrations

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#6

Chloroethane

Concen: 42.198 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX044875.D

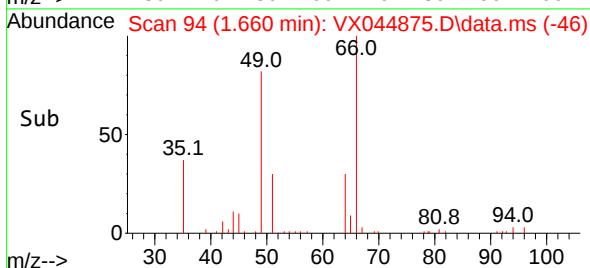
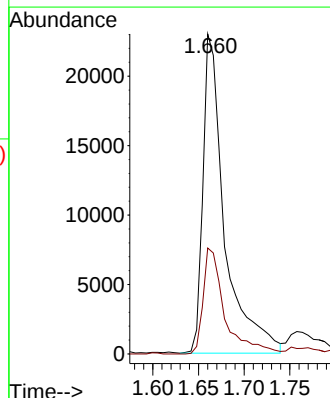
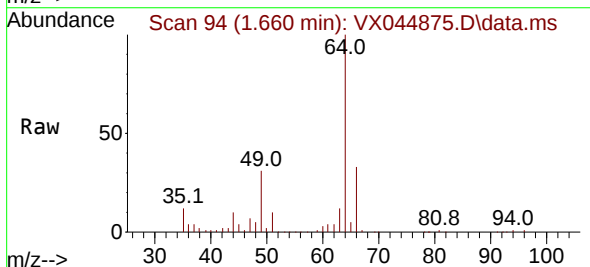
Acq: 10 Feb 2025 13:15

Tgt Ion: 64 Resp: 37913

Ion Ratio Lower Upper

64 100

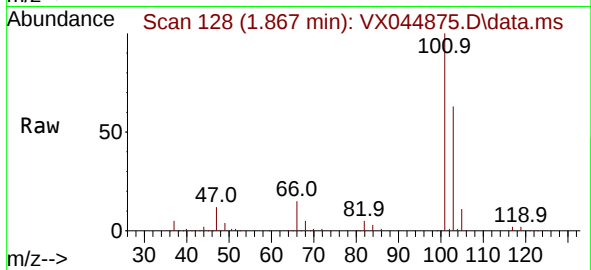
66 33.2 25.9 38.9





#7
Trichlorofluoromethane
Concen: 48.558 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044875.D
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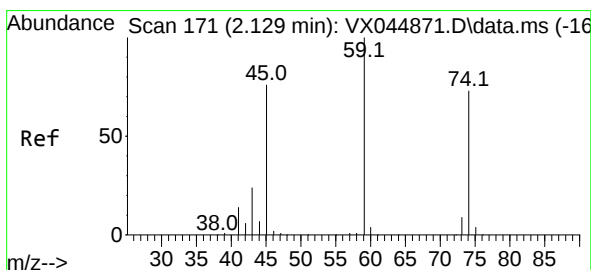
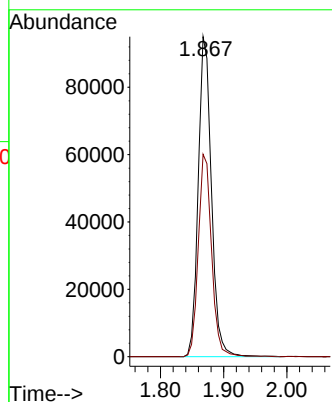
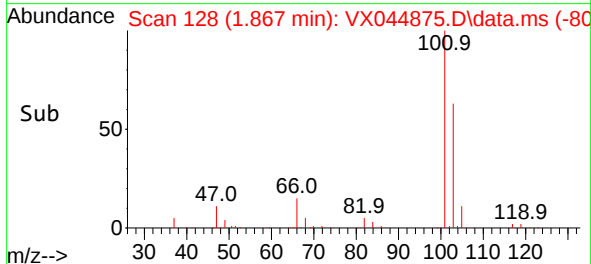
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 13804
Ion Ratio Lower Upper
101 100
103 63.3 52.4 78.6

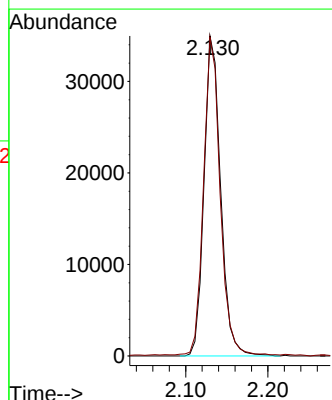
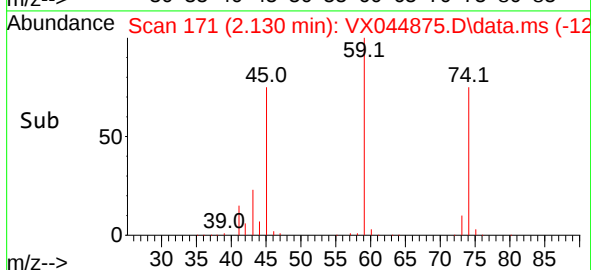
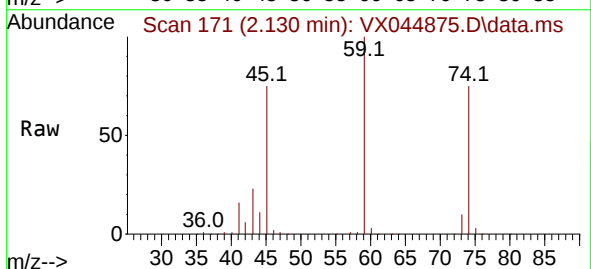
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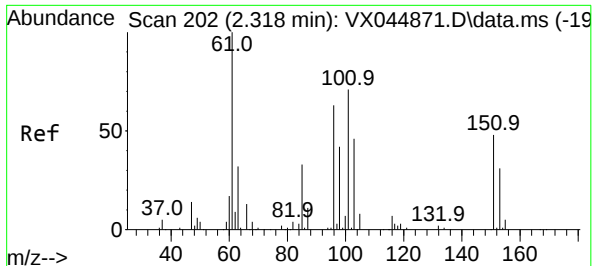
Reviewed By :John Carlone 02/11/2025
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#8
Diethyl Ether
Concen: 47.544 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 74 Resp: 49018
Ion Ratio Lower Upper
74 100
45 98.9 51.1 153.4





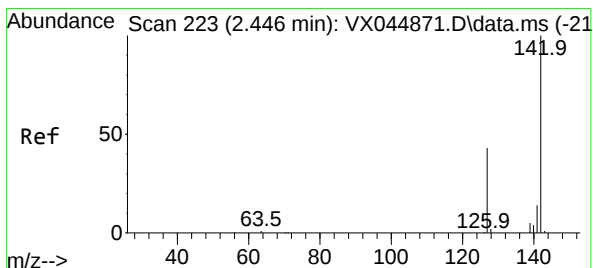
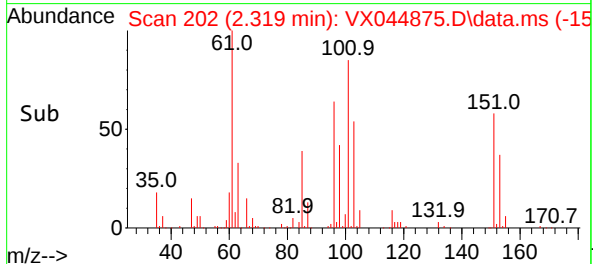
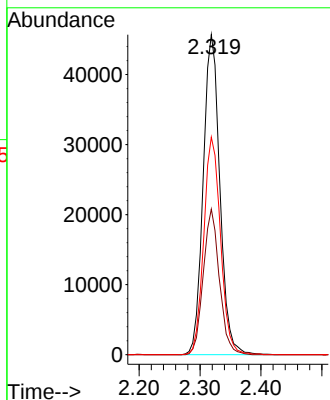
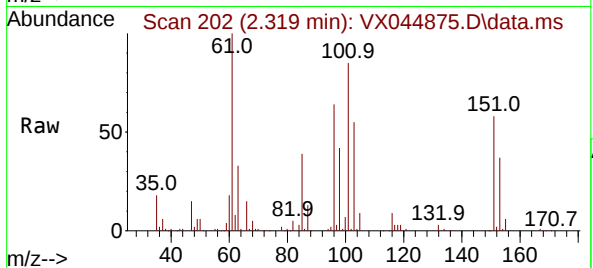
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.588 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion:101 Resp: 86892
Ion Ratio Lower Upper
101 100
85 43.9 35.7 53.5
151 68.4 56.0 84.0

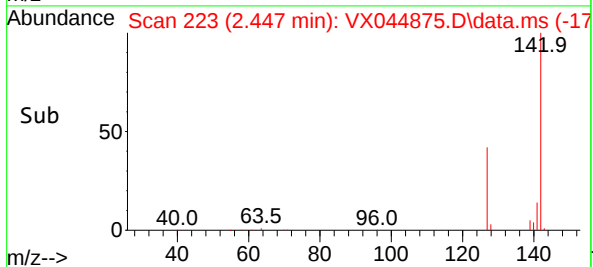
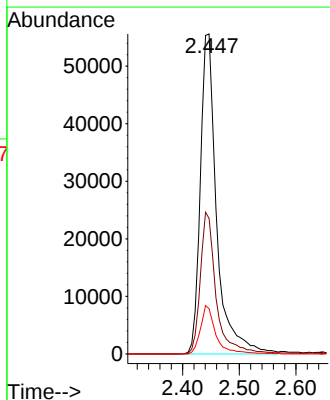
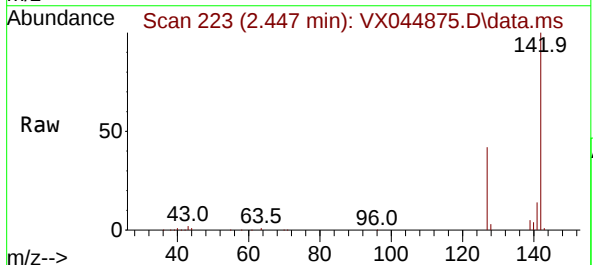
Manual Integrations
APPROVED

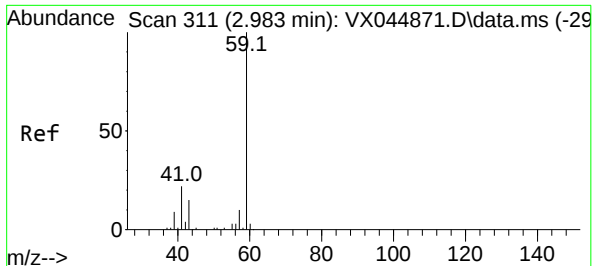
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 50.082 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

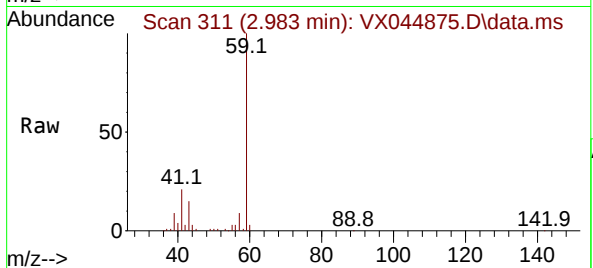
Tgt Ion:142 Resp: 111488
Ion Ratio Lower Upper
142 100
127 43.1 34.3 51.5
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 251.791 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

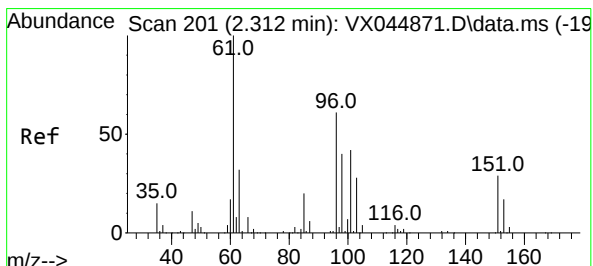
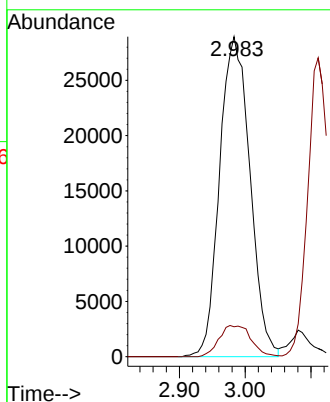
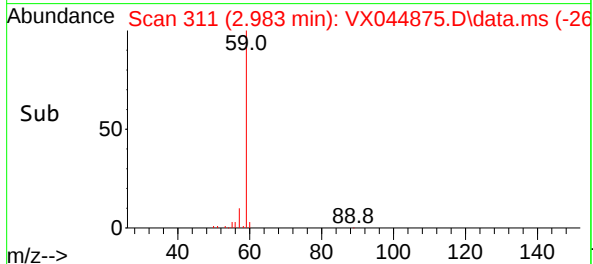
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



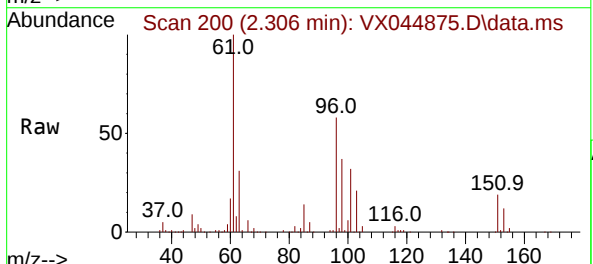
Tgt Ion: 59 Resp: 92949
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

Manual Integrations
APPROVED

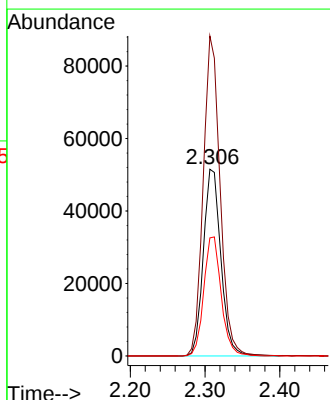
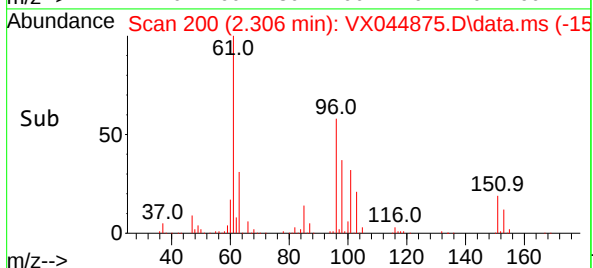
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

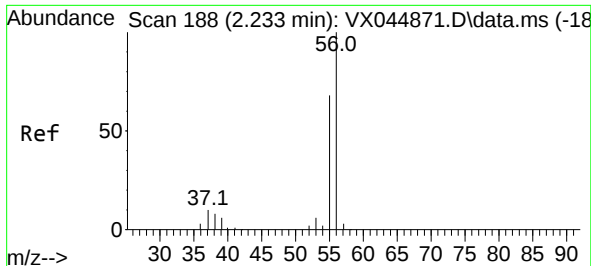


#12
1,1-Dichloroethene
Concen: 47.935 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15



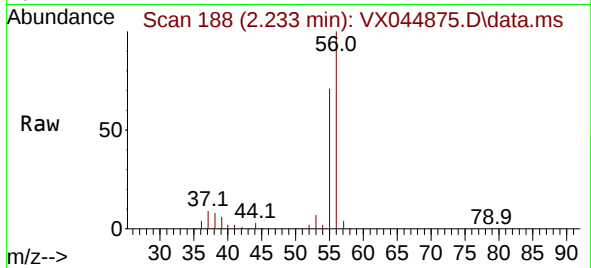
Tgt Ion: 96 Resp: 83987
Ion Ratio Lower Upper
96 100
61 171.4 130.2 195.4
98 63.3 52.2 78.4





#13
Acrolein
Concen: 240.879 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

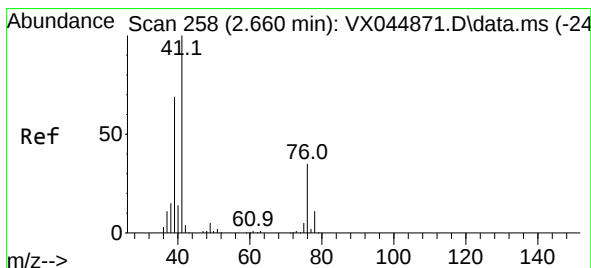
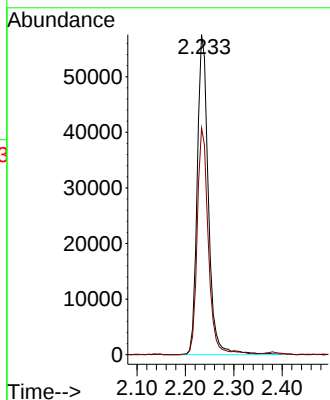
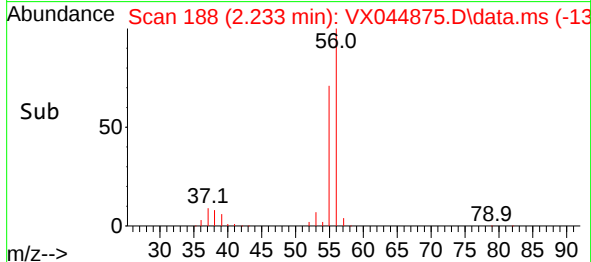
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 56 Resp: 91744
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5

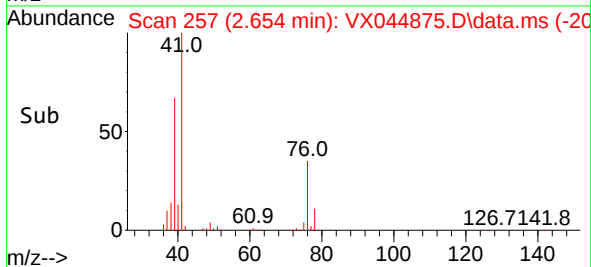
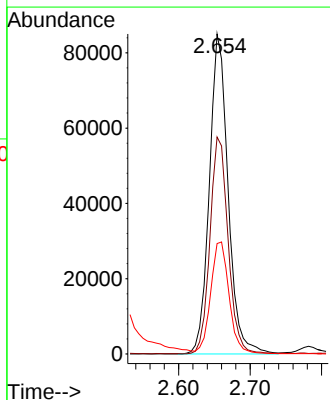
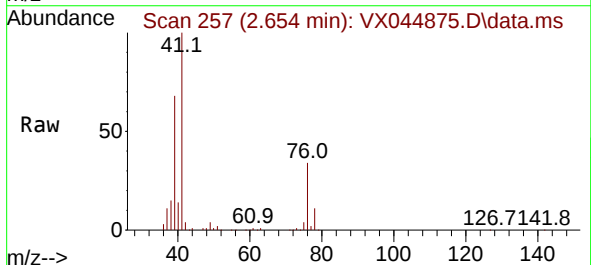
Manual Integrations
APPROVED

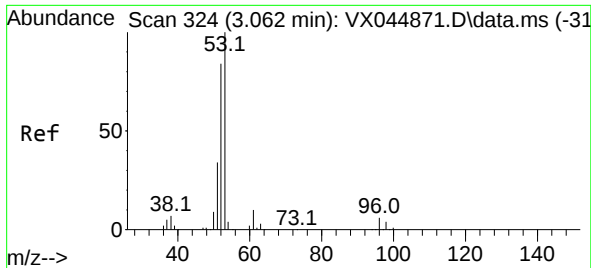
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Allyl chloride
Concen: 48.976 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

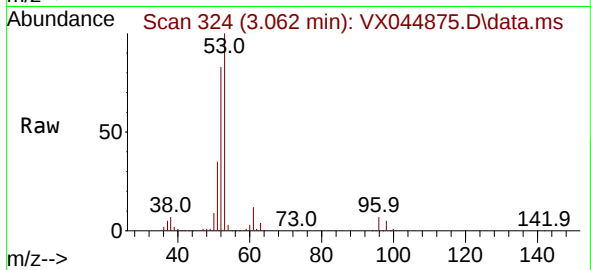
Tgt Ion: 41 Resp: 155084
Ion Ratio Lower Upper
41 100
39 65.4 51.4 77.2
76 34.2 27.0 40.4





#15
Acrylonitrile
Concen: 251.537 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

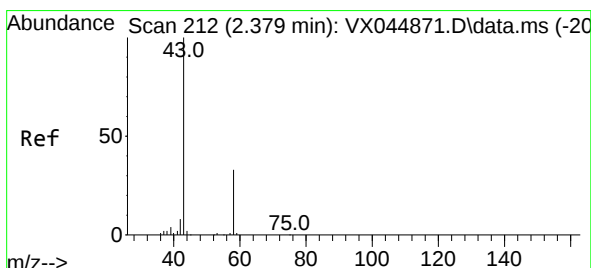
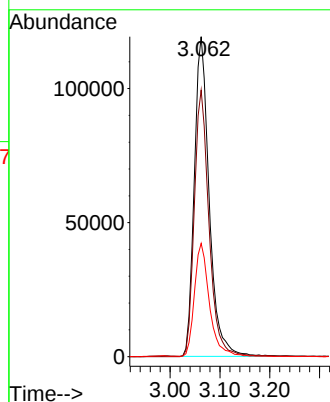
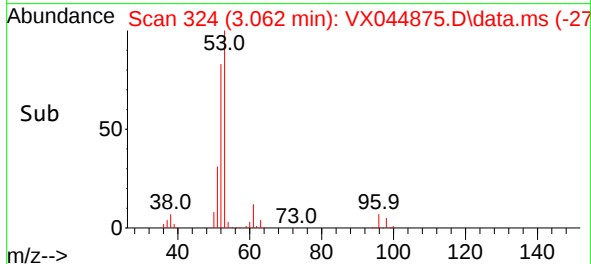
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 53 Resp: 24792
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.6
51 35.7 28.0 42.0

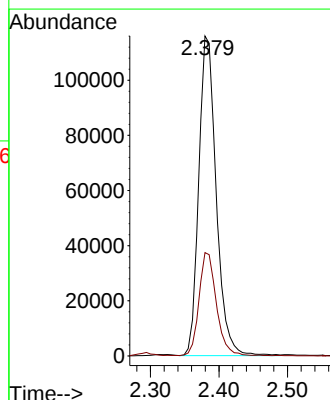
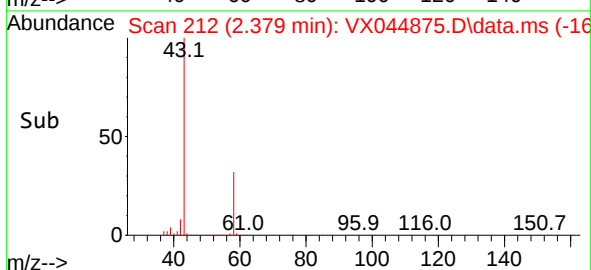
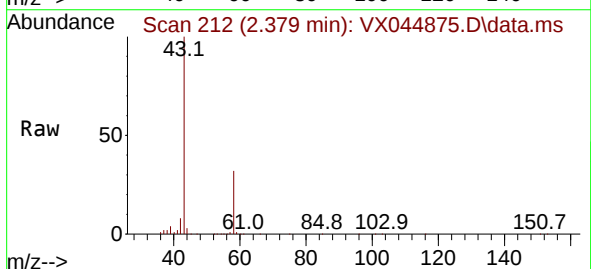
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#16
Acetone
Concen: 257.198 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 43 Resp: 205743
Ion Ratio Lower Upper
43 100
58 32.2 26.5 39.7





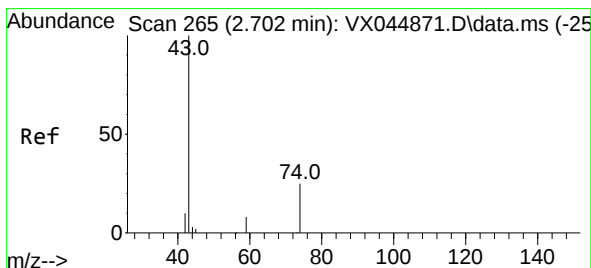
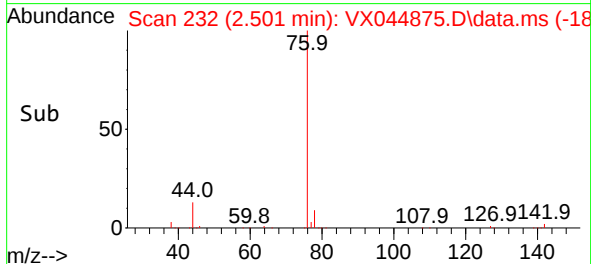
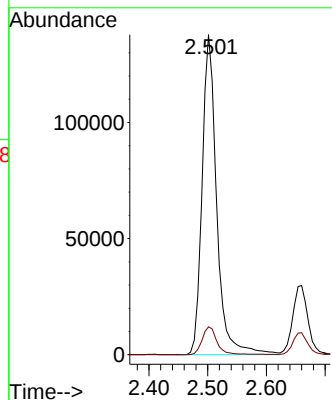
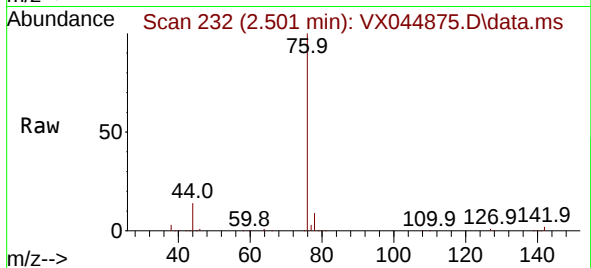
#17
Carbon Disulfide
Concen: 49.472 ug/l
RT: 2.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion: 76 Resp: 237694
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

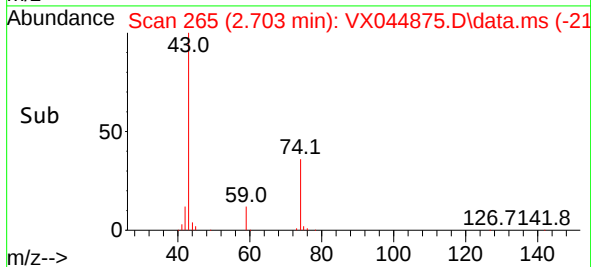
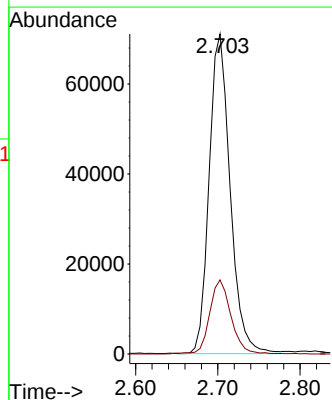
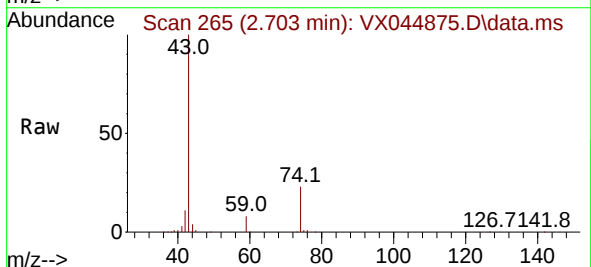
Manual Integrations
APPROVED

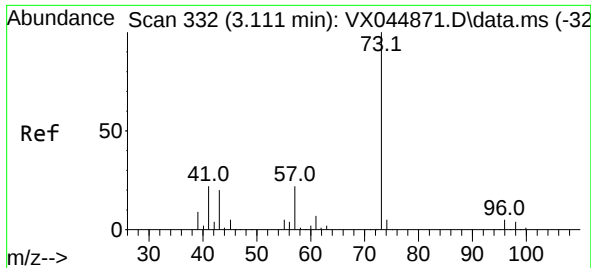
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#18
Methyl Acetate
Concen: 49.920 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 43 Resp: 126015
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3





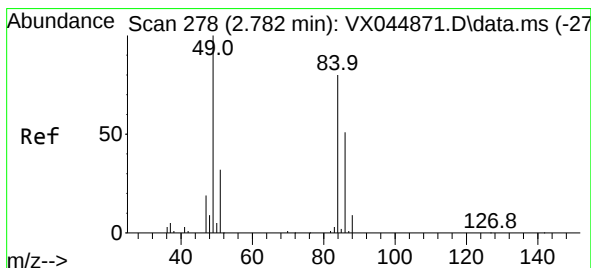
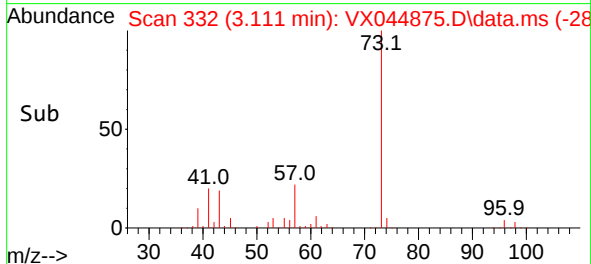
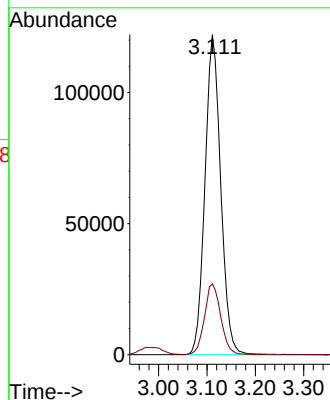
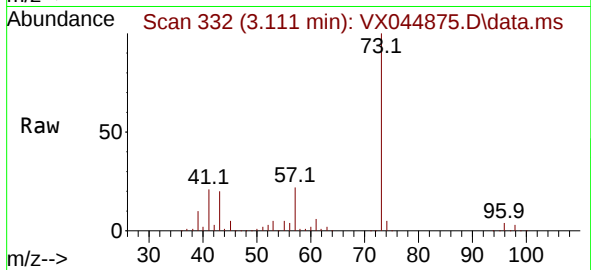
#19
Methyl tert-butyl Ether
Concen: 49.453 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion: 73 Resp: 27568
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9

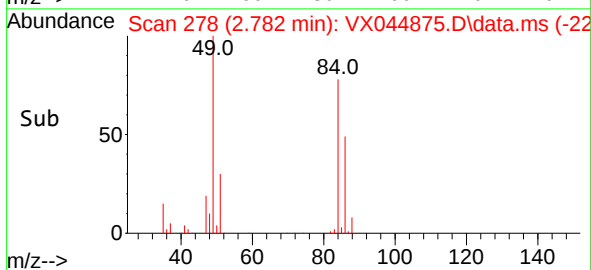
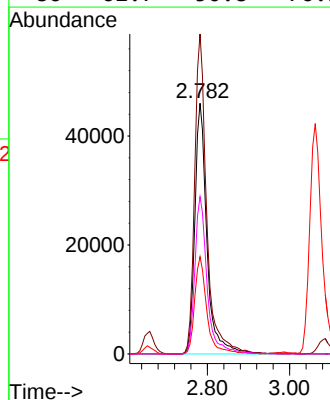
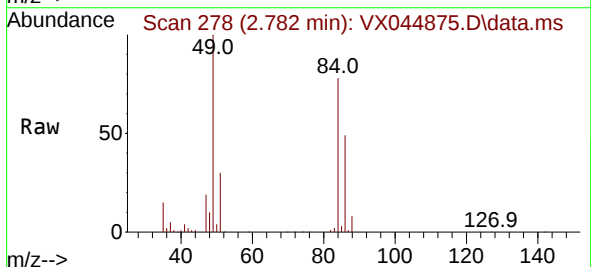
Manual Integrations
APPROVED

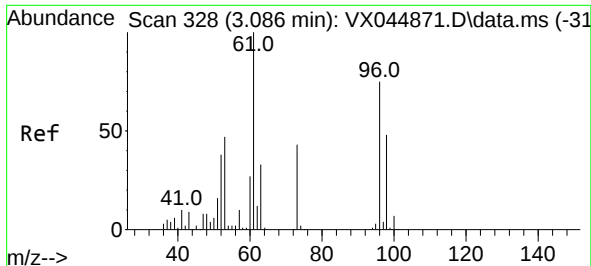
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 47.978 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

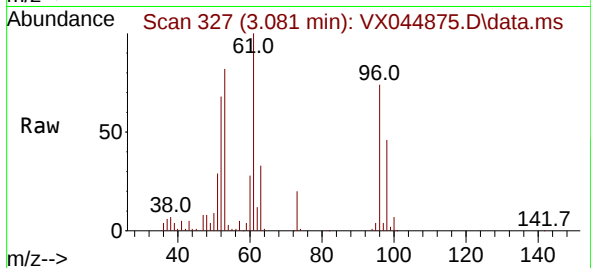
Tgt Ion: 84 Resp: 94006
Ion Ratio Lower Upper
84 100
49 127.6 100.1 150.1
51 38.8 31.7 47.5
86 62.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 49.129 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

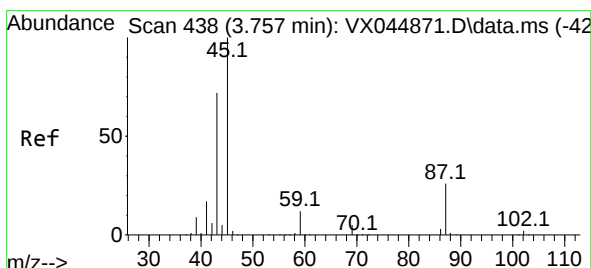
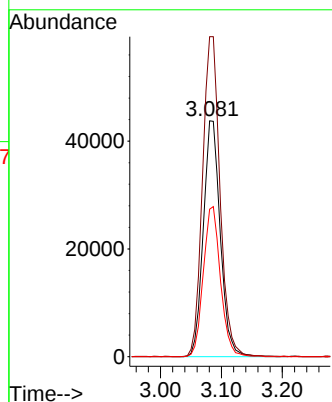
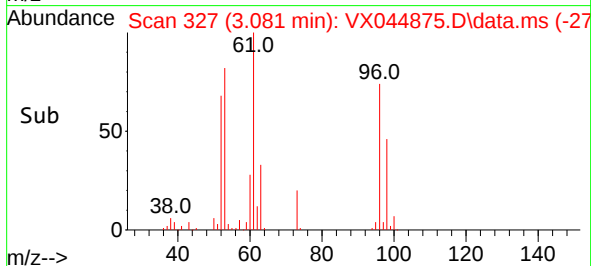
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 96 Resp: 84720
Ion Ratio Lower Upper
96 100
61 135.7 106.0 159.0
98 62.5 50.6 76.0

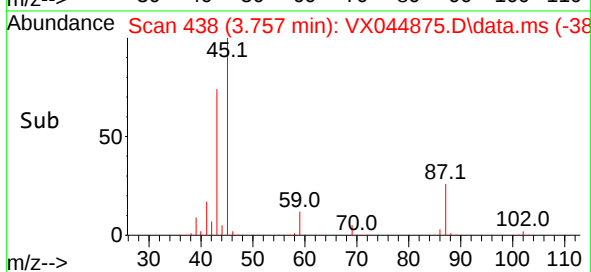
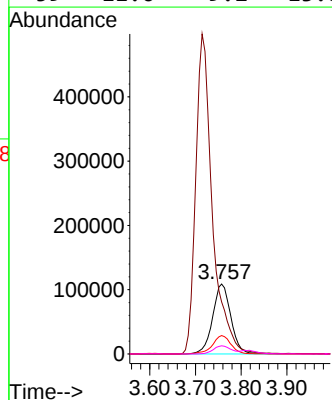
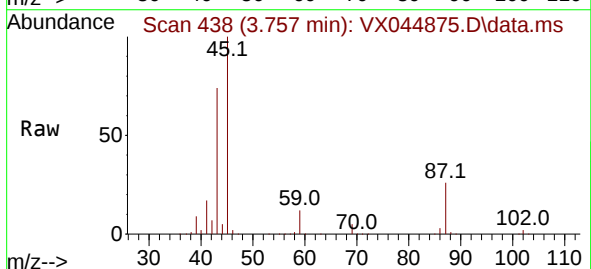
Manual Integrations
APPROVED

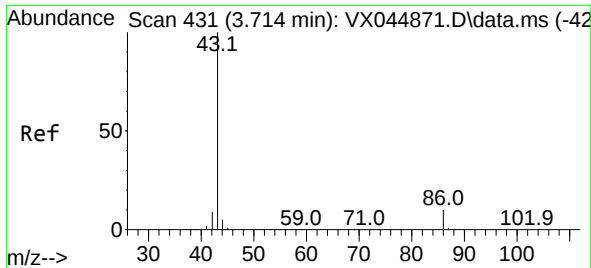
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#22
Diisopropyl ether
Concen: 50.138 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

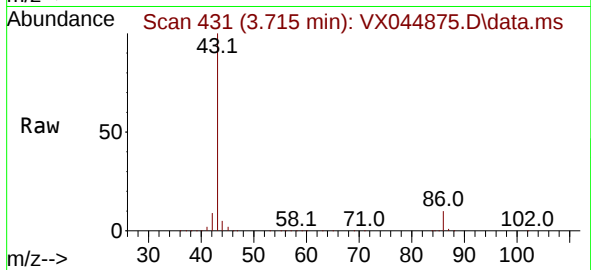
Tgt Ion: 45 Resp: 300357
Ion Ratio Lower Upper
45 100
43 74.3 58.0 87.0
87 26.4 20.7 31.1
59 11.6 9.2 13.8





#23
 Vinyl Acetate
 Concen: 257.465 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044875.D
 Acq: 10 Feb 2025 13:15

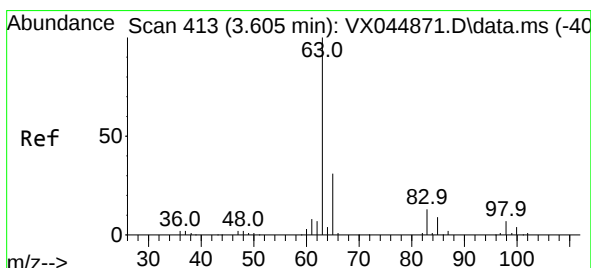
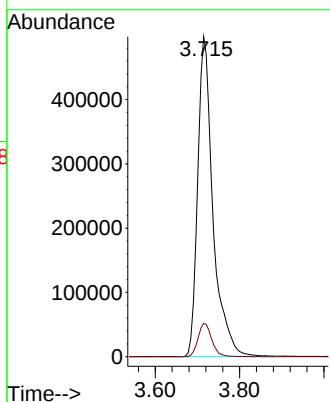
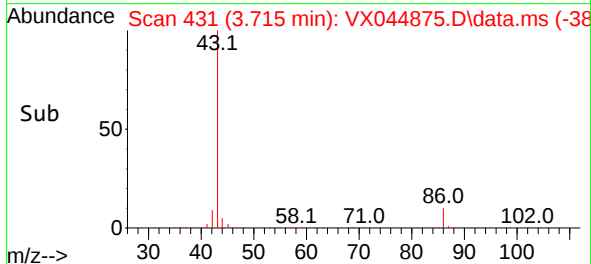
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021025



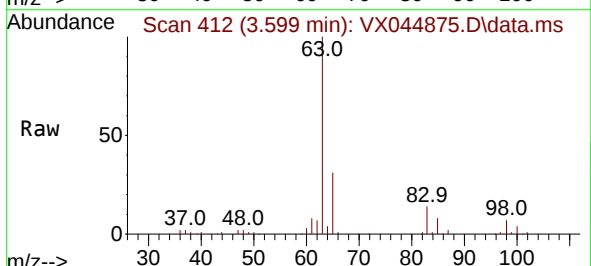
Tgt Ion: 43 Resp: 125743
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5

Manual Integrations
 APPROVED

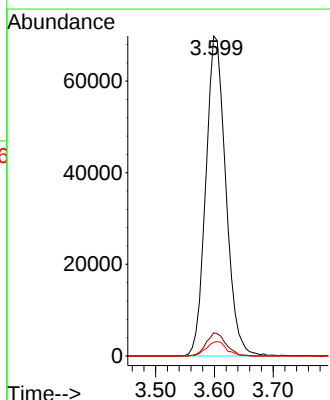
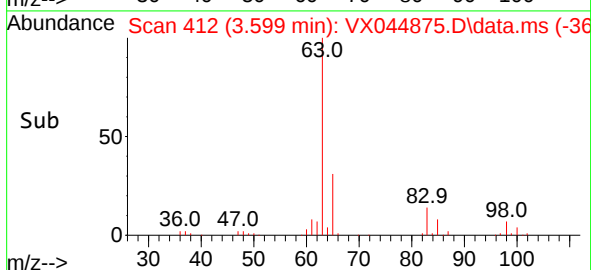
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

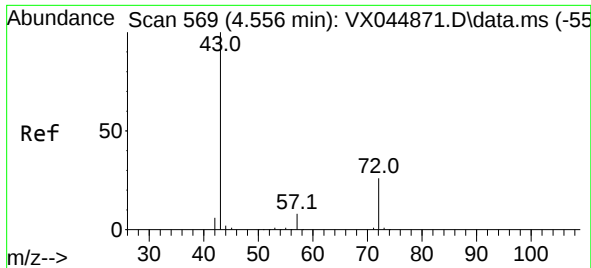


#24
 1,1-Dichloroethane
 Concen: 49.329 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044875.D
 Acq: 10 Feb 2025 13:15



Tgt Ion: 63 Resp: 165351
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.2 2.1 6.5





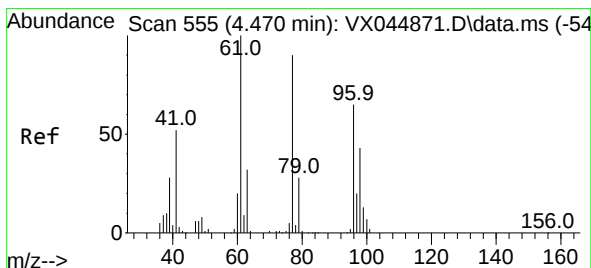
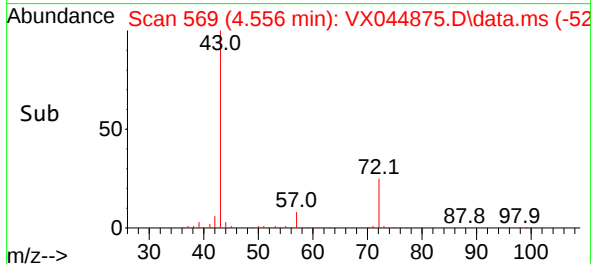
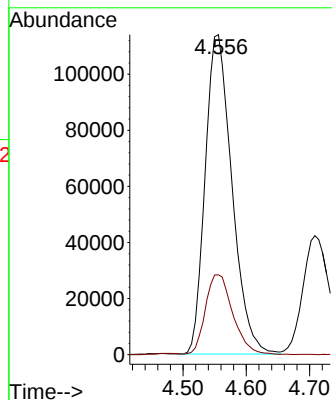
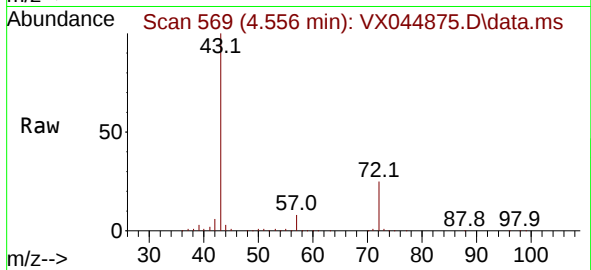
#25
2-Butanone
Concen: 258.175 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion: 43 Resp: 335358
Ion Ratio Lower Upper
43 100
72 24.9 21.2 31.8

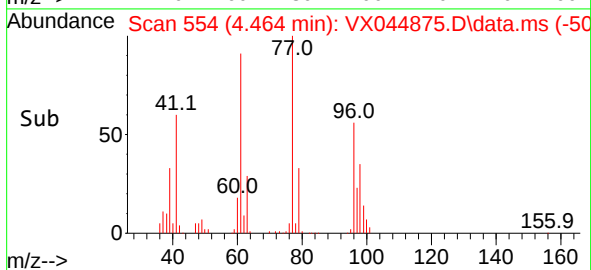
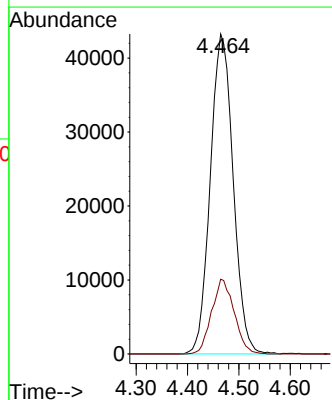
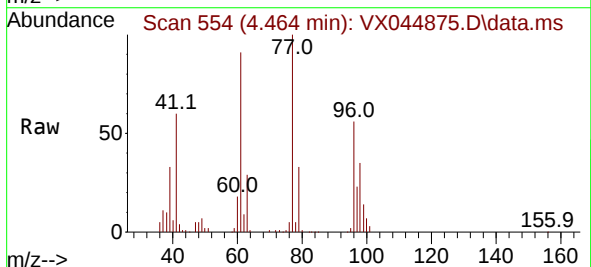
Manual Integrations
APPROVED

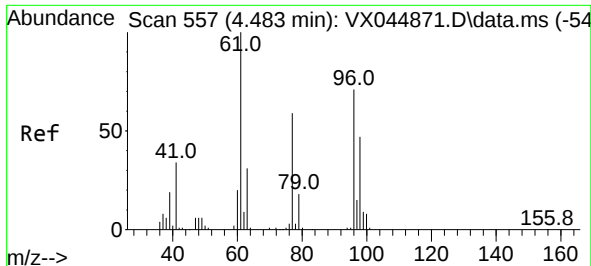
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#26
2,2-Dichloropropane
Concen: 50.285 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 77 Resp: 133670
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 49.493 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021025

Tgt Ion: 96 Resp: 102518

Ion Ratio Lower Upper

96 100

61 146.5 0.0 294.0

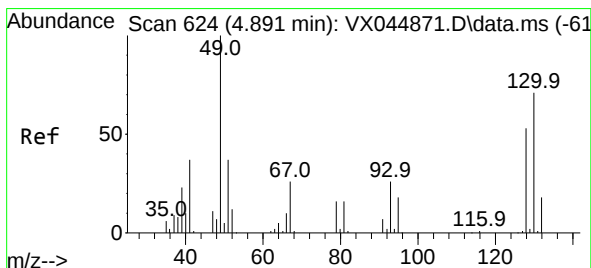
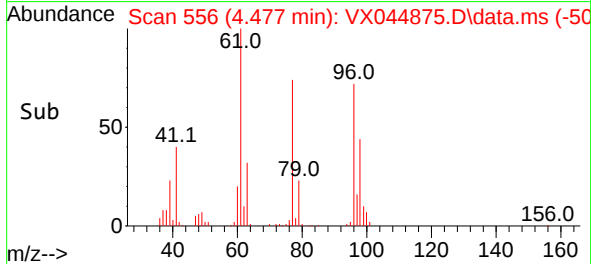
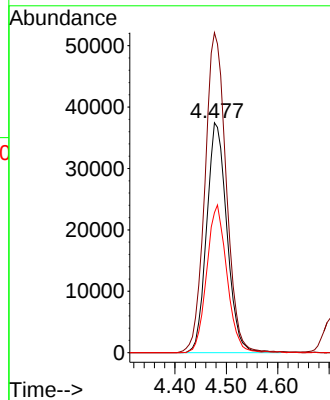
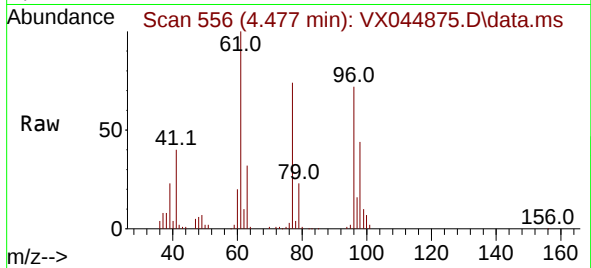
98 63.9 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#28

Bromochloromethane

Concen: 45.250 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

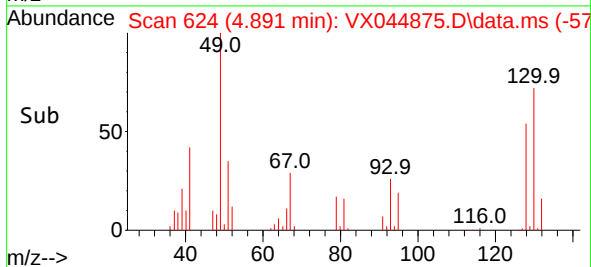
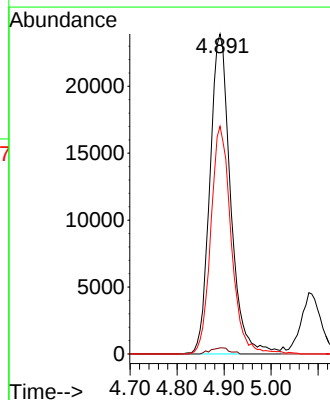
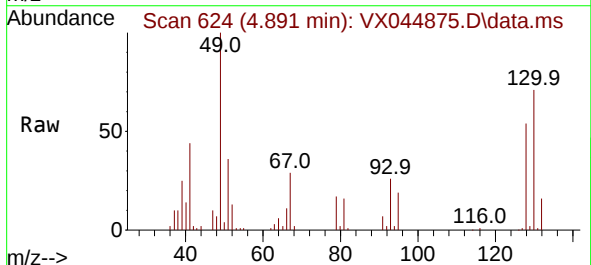
Tgt Ion: 49 Resp: 72893

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 70.3 56.7 85.1





#29

Tetrahydrofuran

Concen: 253.318 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVX021025

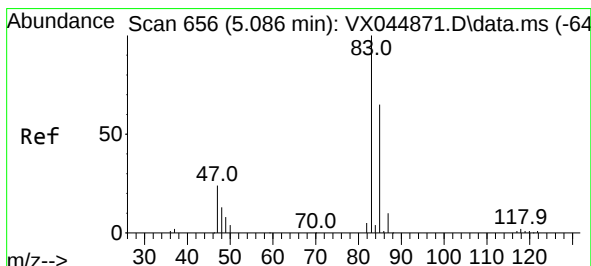
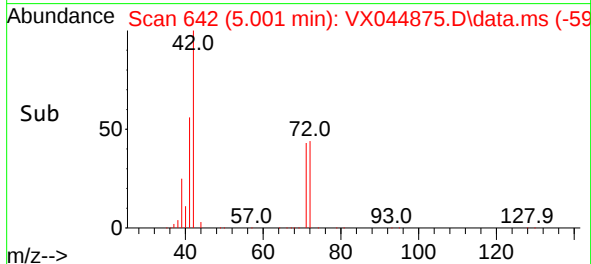
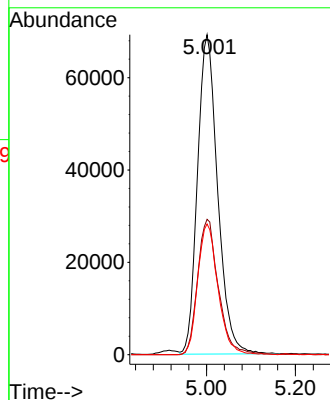
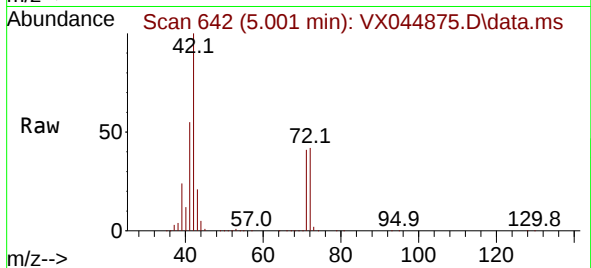
Tgt Ion: 42 Resp: 218490
 Ion Ratio Lower Upper
 42 100
 72 43.6 35.0 52.4
 71 41.1 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#30

Chloroform

Concen: 48.393 ug/l

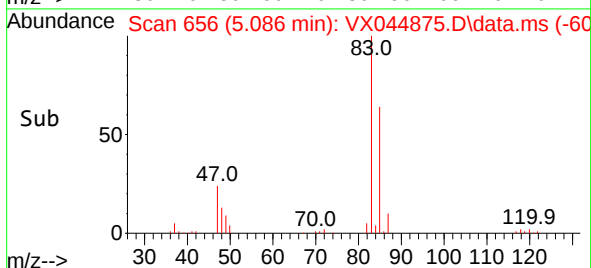
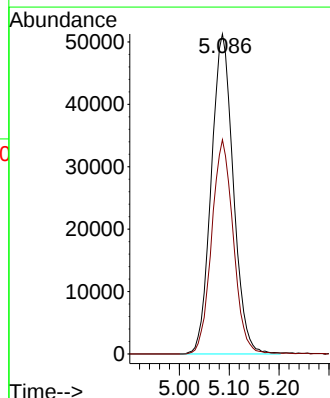
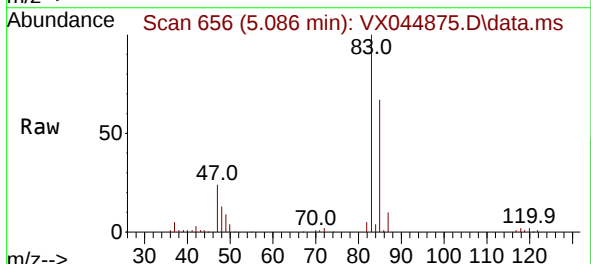
RT: 5.086 min Scan# 656

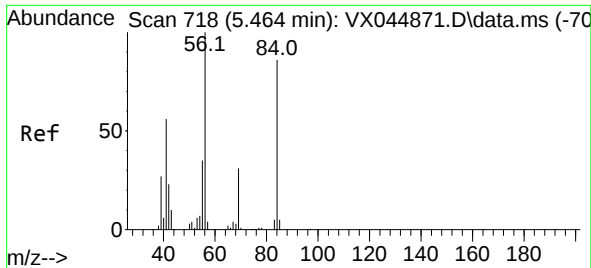
Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

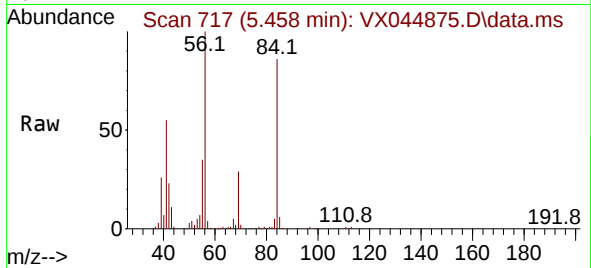
Tgt Ion: 83 Resp: 157312
 Ion Ratio Lower Upper
 83 100
 85 66.9 52.1 78.1





#31
Cyclohexane
Concen: 49.211 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

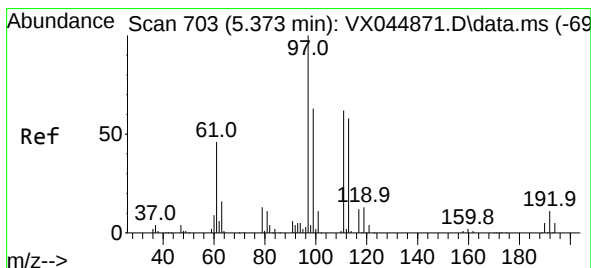
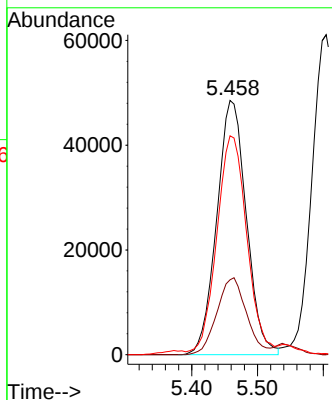
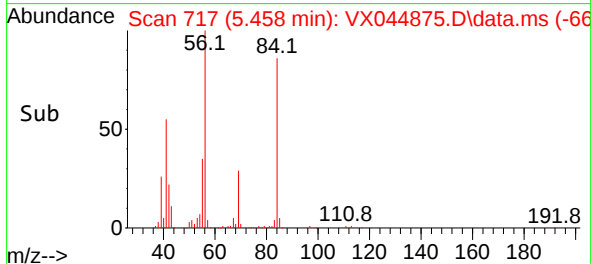
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 56 Resp: 15207
Ion Ratio Lower Upper
56 100
69 29.4 24.4 36.6
84 84.6 69.0 103.6

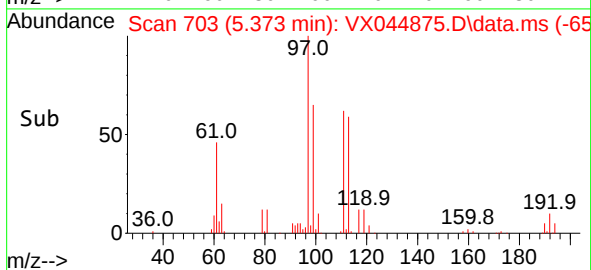
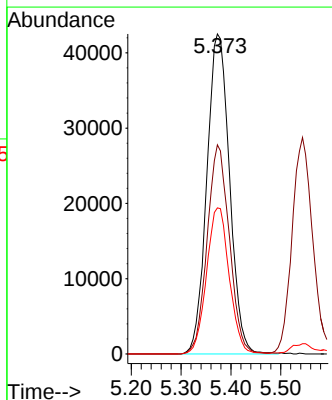
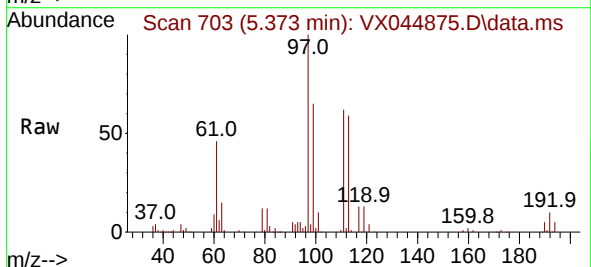
Manual Integrations
APPROVED

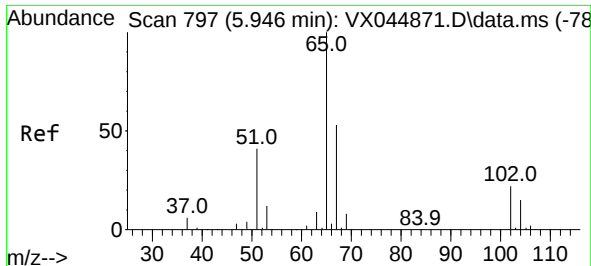
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#32
1,1,1-Trichloroethane
Concen: 48.825 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 97 Resp: 134626
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 45.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.061 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021025

Tgt Ion: 65 Resp: 9563

Ion Ratio Lower Upper

65 100

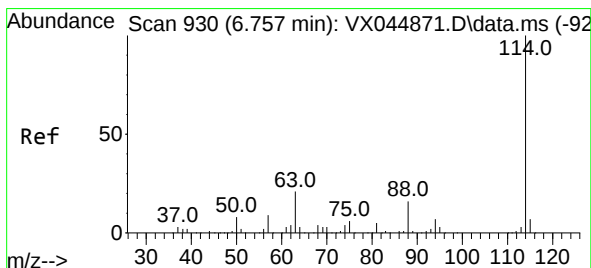
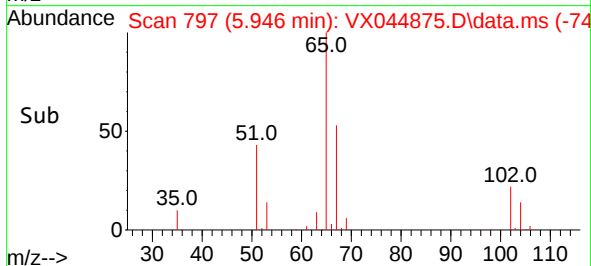
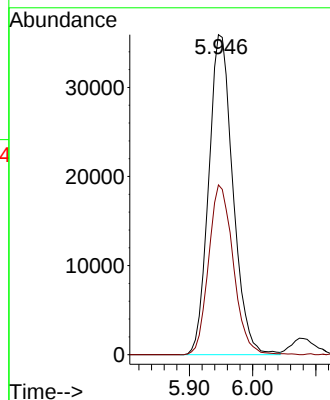
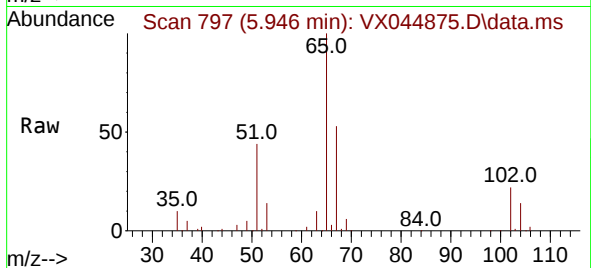
67 54.0 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

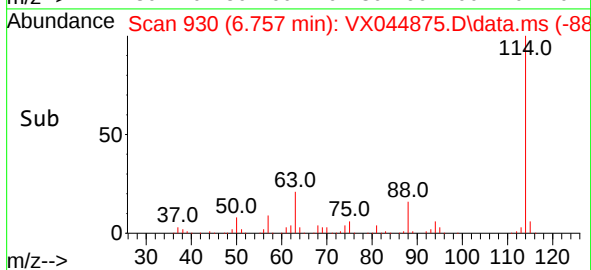
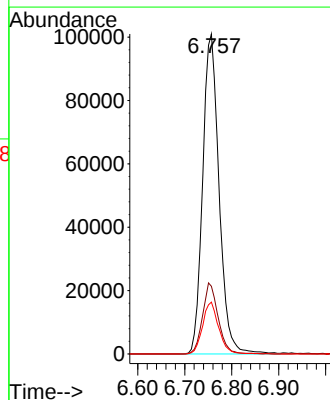
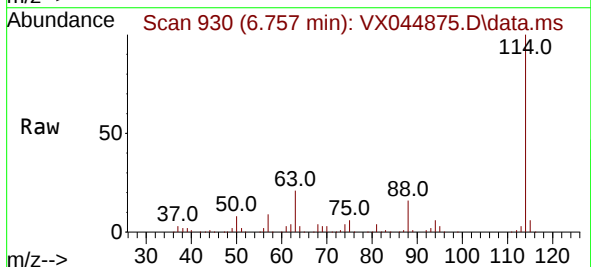
Tgt Ion:114 Resp: 245098

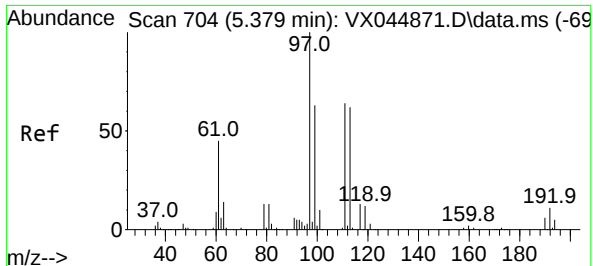
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

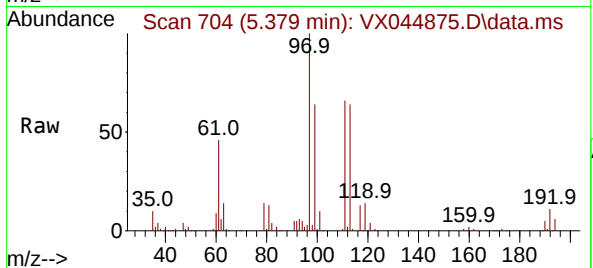
88 16.2 0.0 31.4





#35
Dibromofluoromethane
Concen: 49.173 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

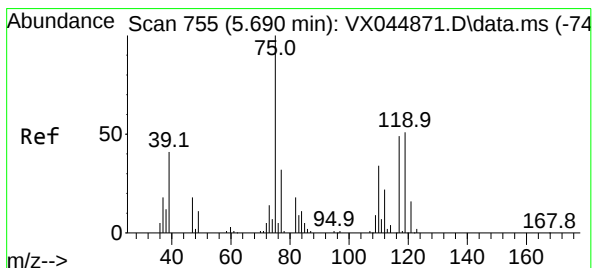
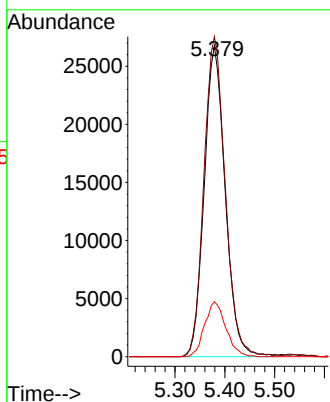
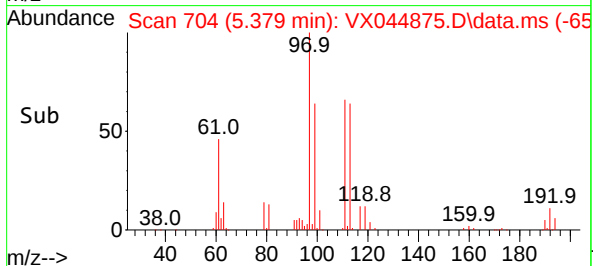
Instrument :
MSVOA_X
ClientSampleId :
ICVX021025



Tgt Ion: 113 Resp: 78360
Ion Ratio Lower Upper
113 100
111 104.4 83.5 125.3
192 17.9 14.4 21.6

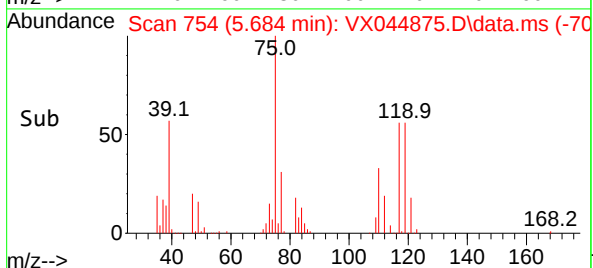
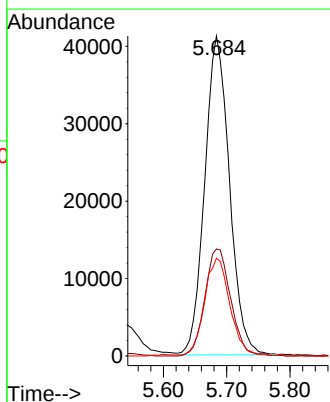
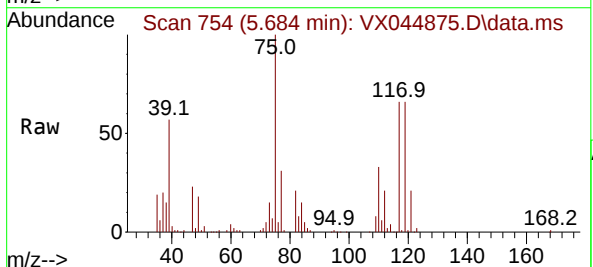
Manual Integrations
APPROVED

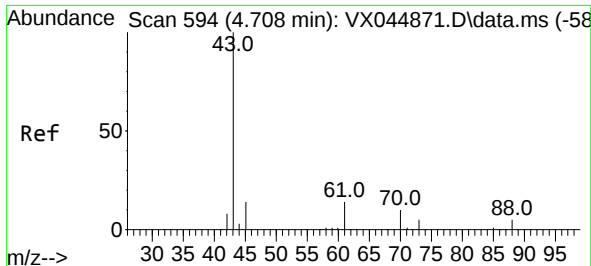
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#36
1,1-Dichloropropene
Concen: 48.702 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

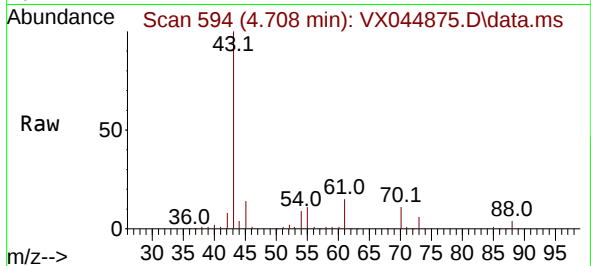
Tgt Ion: 75 Resp: 111968
Ion Ratio Lower Upper
75 100
110 35.0 17.2 51.6
77 31.6 24.6 37.0





#37
Ethyl Acetate
Concen: 49.300 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

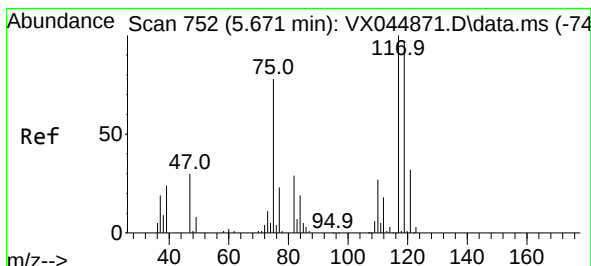
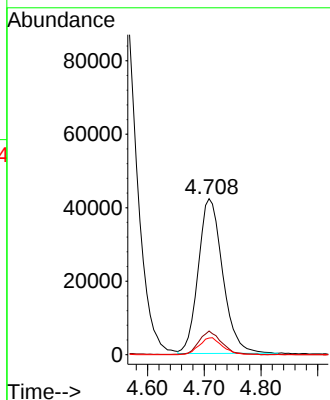
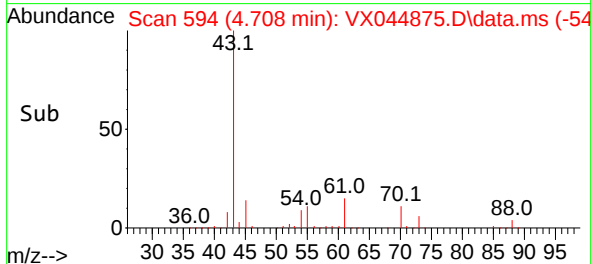
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 43 Resp: 12607
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 10.4 8.2 12.2

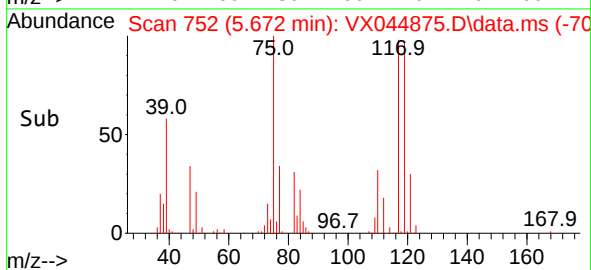
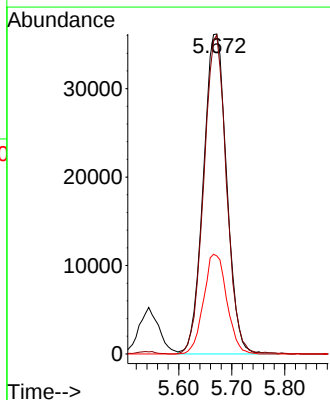
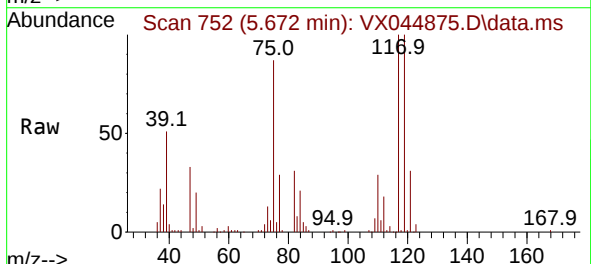
Manual Integrations
APPROVED

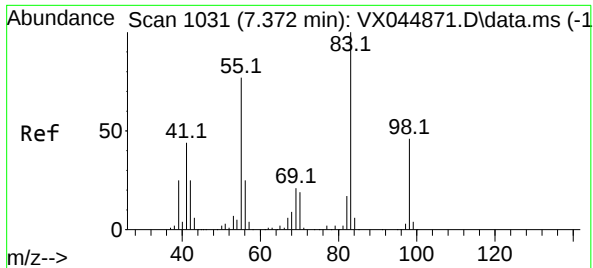
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38
Carbon Tetrachloride
Concen: 49.083 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion:117 Resp: 110581
Ion Ratio Lower Upper
117 100
119 99.5 77.5 116.3
121 30.6 25.6 38.4





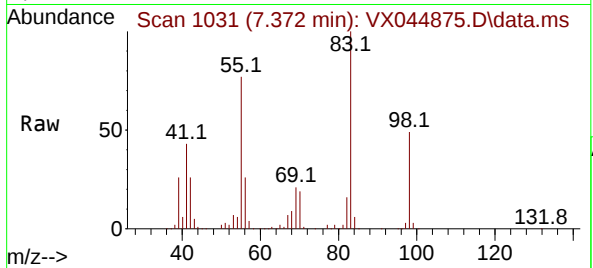
#39
Methylcyclohexane
Concen: 53.254 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021025



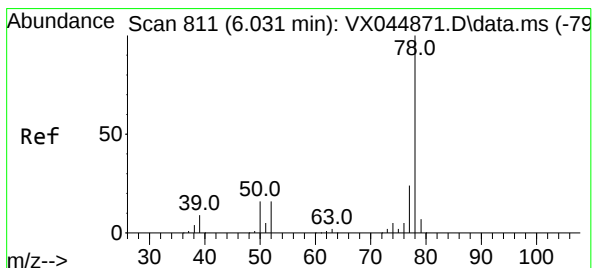
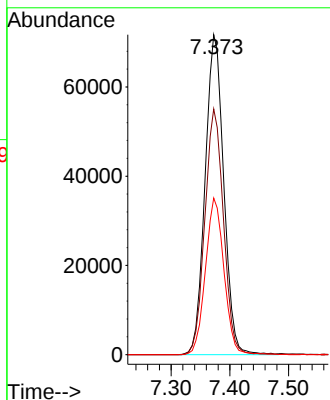
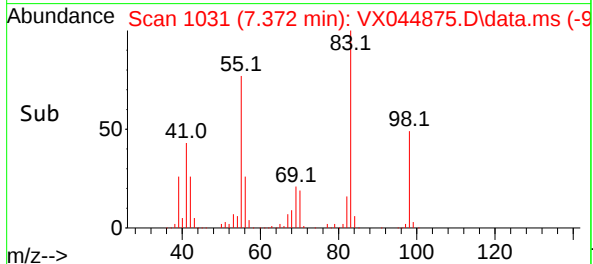
Tgt Ion: 83 Resp: 158289
Ion Ratio Lower Upper
83 100
55 76.8 61.3 91.9
98 49.0 37.0 55.6

Manual Integrations

APPROVED

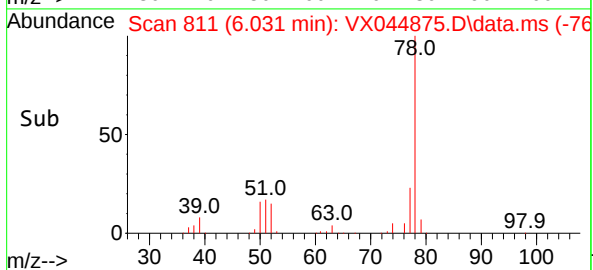
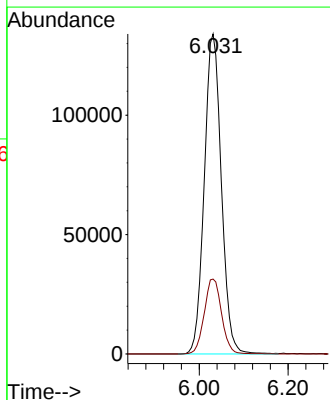
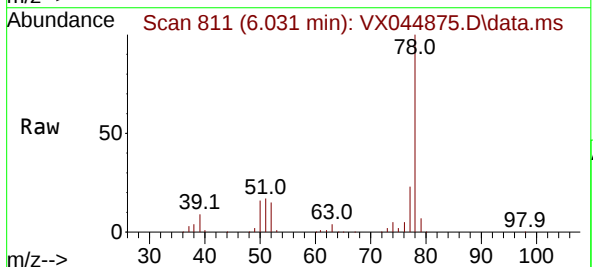
Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#40
Benzene
Concen: 49.919 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 78 Resp: 358365
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





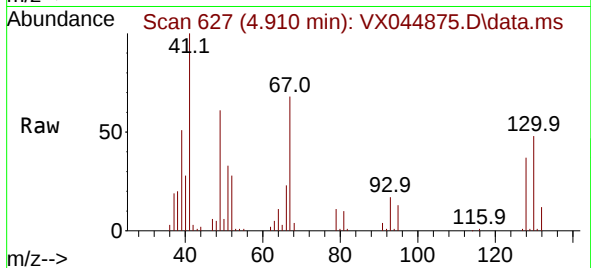
#41
Methacrylonitrile
Concen: 53.741 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021025



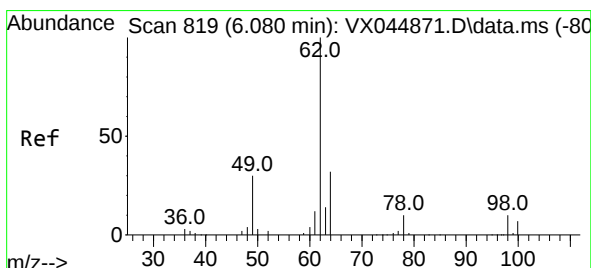
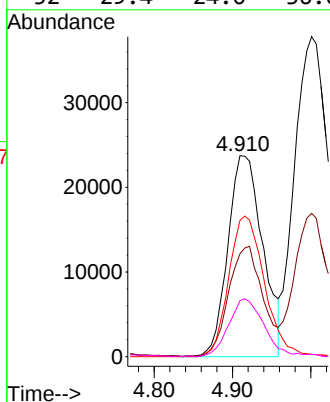
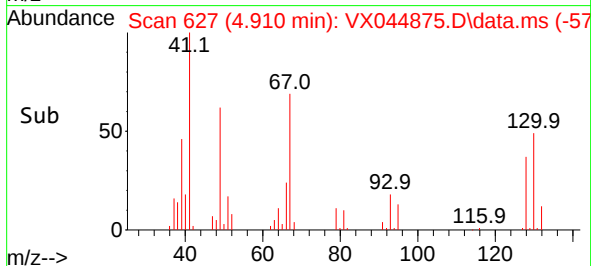
Tgt Ion: 41 Resp: 7355
Ion Ratio Lower Upper
41 100
39 54.1 43.1 64.7
67 71.9 57.0 85.6
52 29.4 24.0 36.0

Manual Integrations

APPROVED

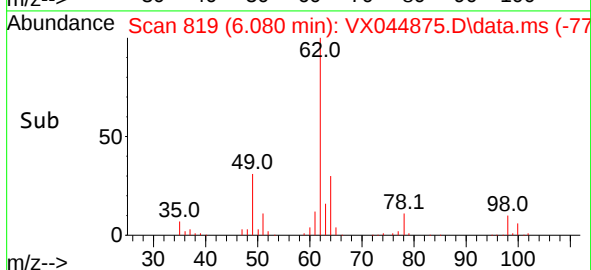
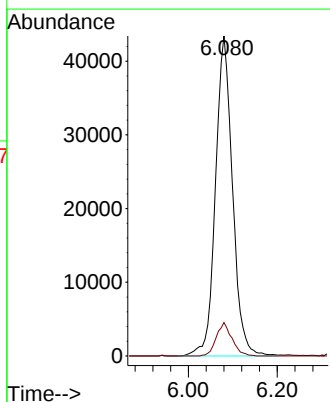
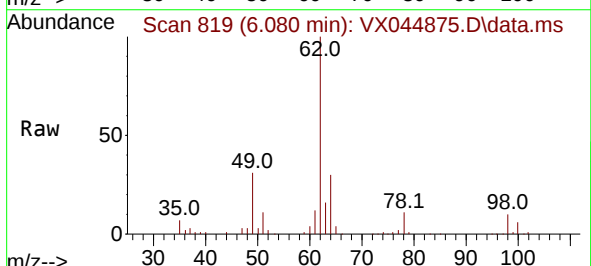
Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#42
1,2-Dichloroethane
Concen: 50.410 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

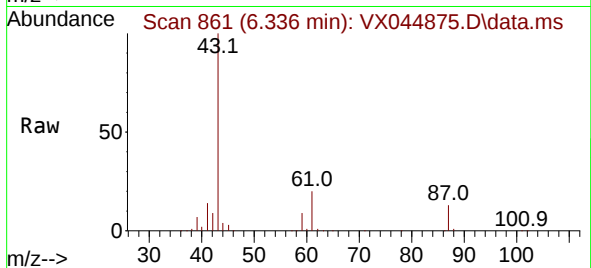
Tgt Ion: 62 Resp: 115339
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.798 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

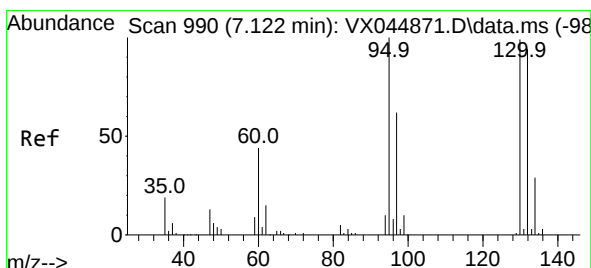
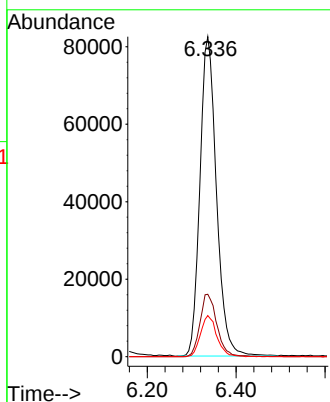
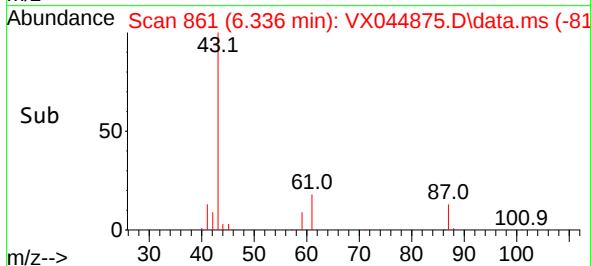
Instrument :
MSVOA_X
ClientSampleId :
ICVX021025



Tgt Ion: 43 Resp: 21390
Ion Ratio Lower Upper
43 100
61 19.9 15.8 23.8
87 12.6 10.0 15.0

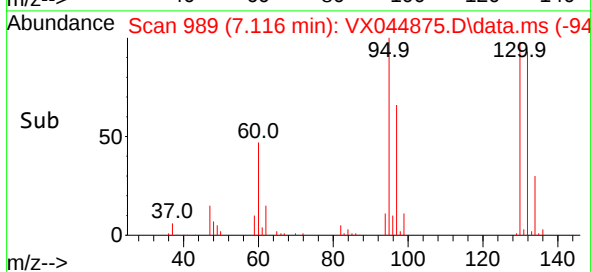
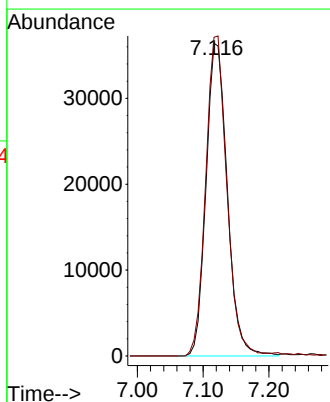
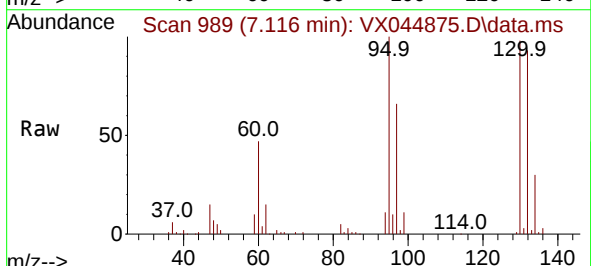
Manual Integrations
APPROVED

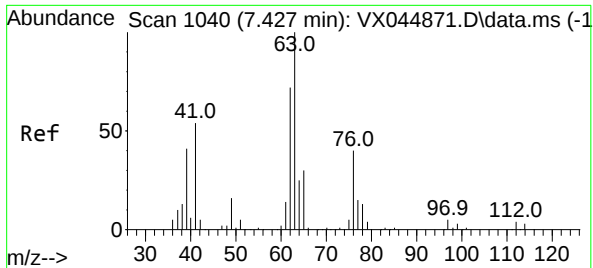
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#44
Trichloroethene
Concen: 49.917 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

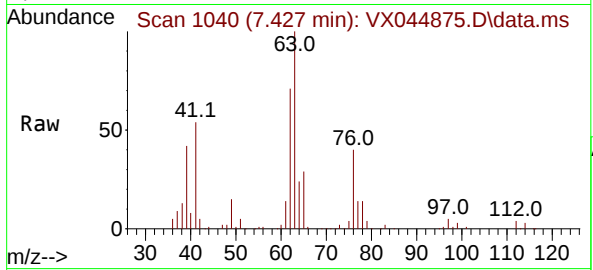
Tgt Ion:130 Resp: 81911
Ion Ratio Lower Upper
130 100
95 102.0 0.0 202.4





#45
1,2-Dichloropropane
Concen: 50.387 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

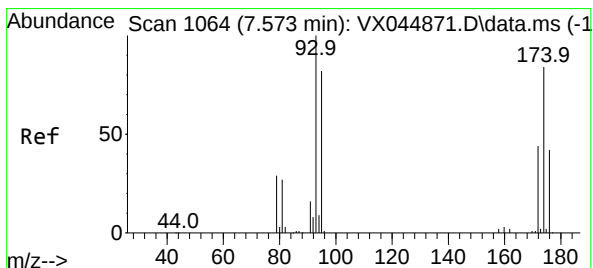
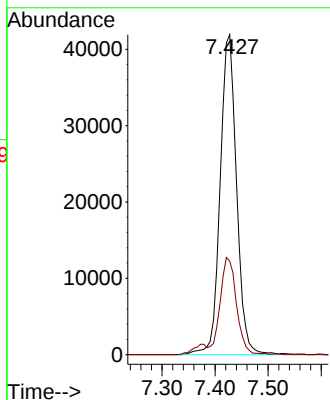
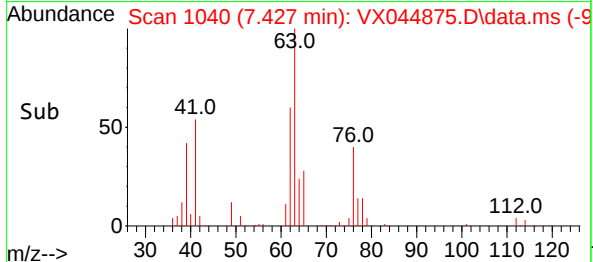
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 63 Resp: 89992
Ion Ratio Lower Upper
63 100
65 29.3 24.2 36.4

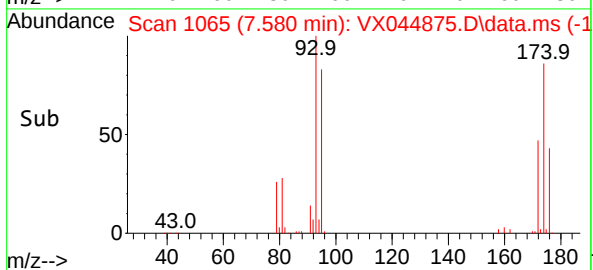
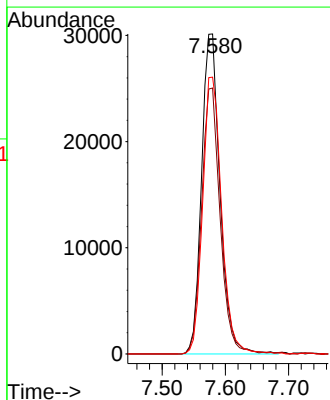
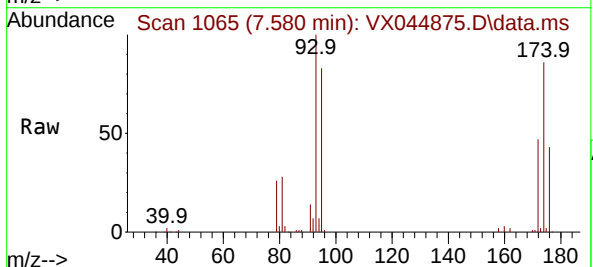
Manual Integrations
APPROVED

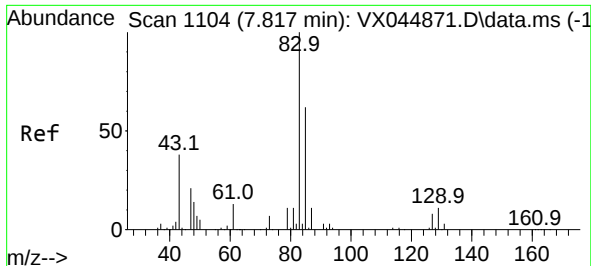
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#46
Dibromomethane
Concen: 49.540 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

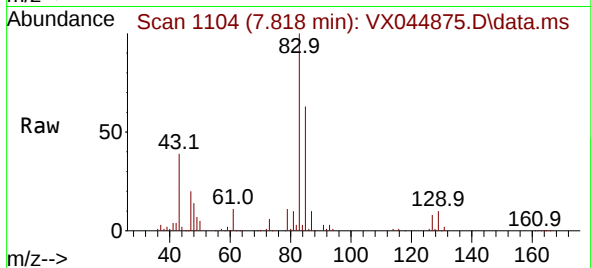
Tgt Ion: 93 Resp: 61360
Ion Ratio Lower Upper
93 100
95 83.2 66.2 99.4
174 88.6 69.9 104.9





#47
Bromodichloromethane
Concen: 50.980 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

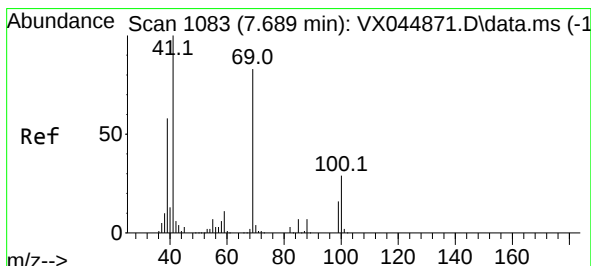
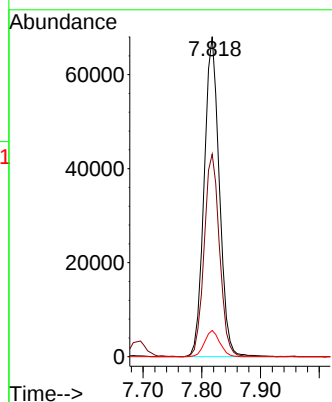
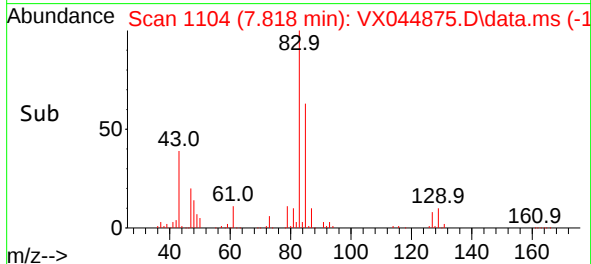
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 83 Resp: 12226
Ion Ratio Lower Upper
83 100
85 63.3 50.0 75.0
127 8.2 6.4 9.6

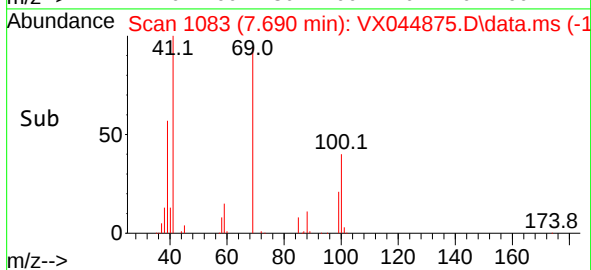
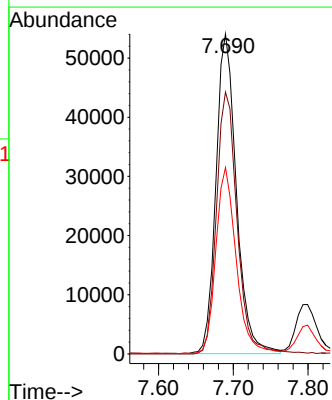
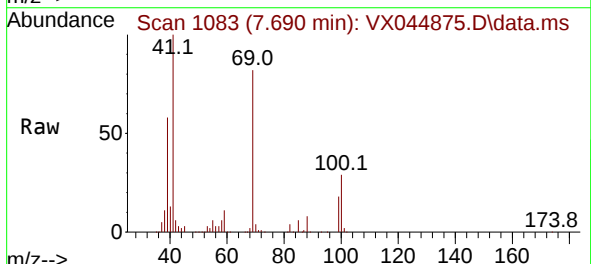
Manual Integrations
APPROVED

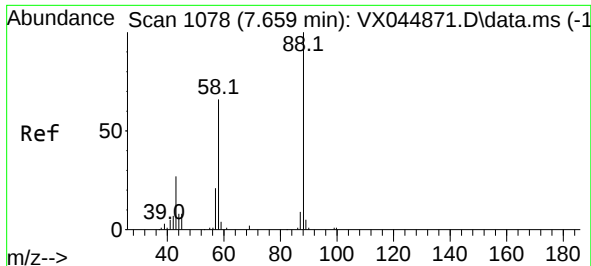
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#48
Methyl methacrylate
Concen: 52.848 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 41 Resp: 102900
Ion Ratio Lower Upper
41 100
69 83.2 65.8 98.8
39 57.8 46.4 69.6





#49

1,4-Dioxane

Concen: 1021.138 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVX021025

Tgt Ion: 88 Resp: 42658

Ion Ratio Lower Upper

88 100

43 32.2 26.6 39.8

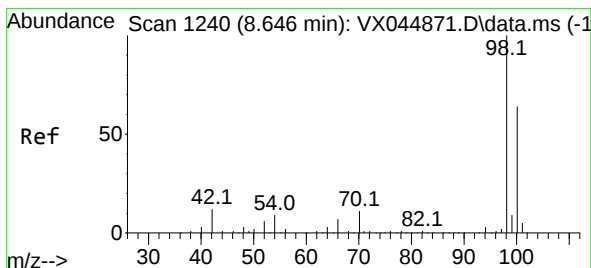
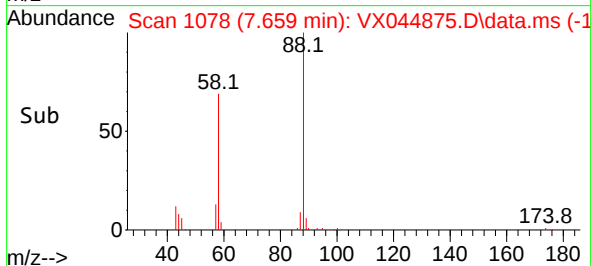
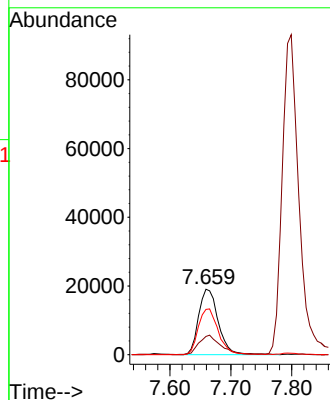
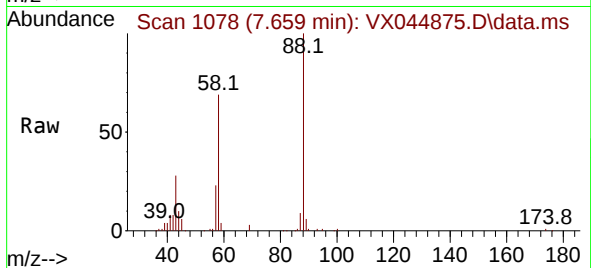
58 71.2 55.9 83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#50

Toluene-d8

Concen: 49.649 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044875.D

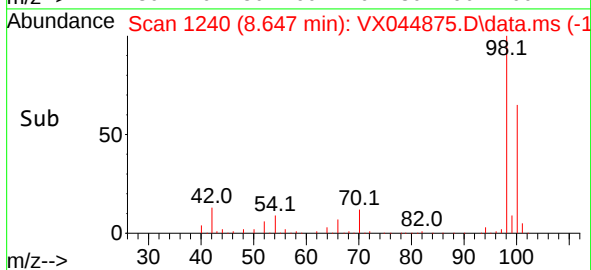
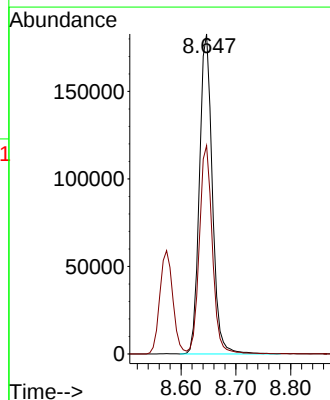
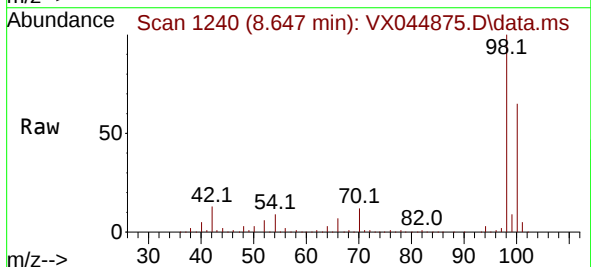
Acq: 10 Feb 2025 13:15

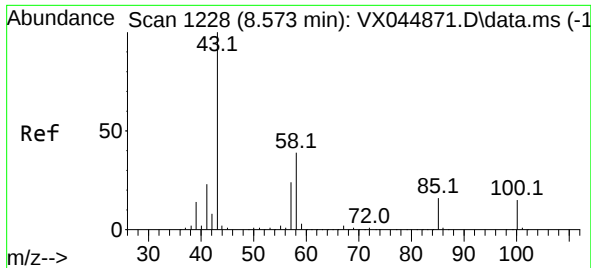
Tgt Ion: 98 Resp: 299178

Ion Ratio Lower Upper

98 100

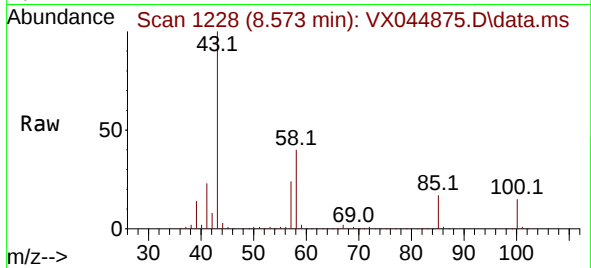
100 65.4 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 265.112 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

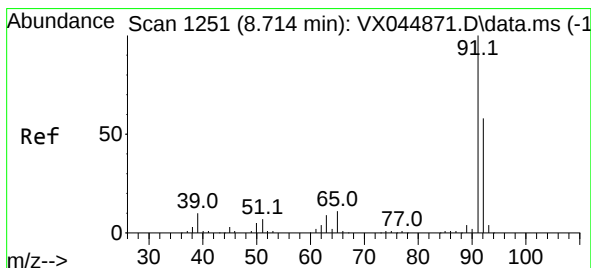
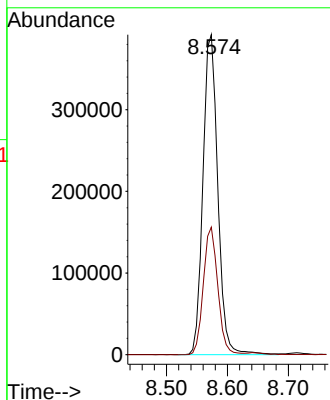
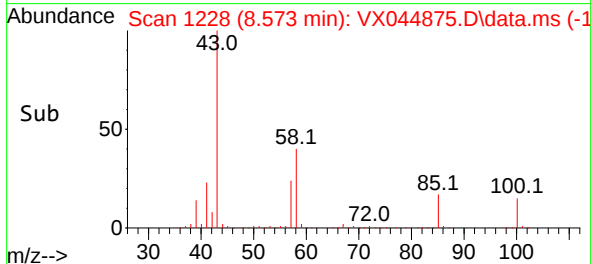
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



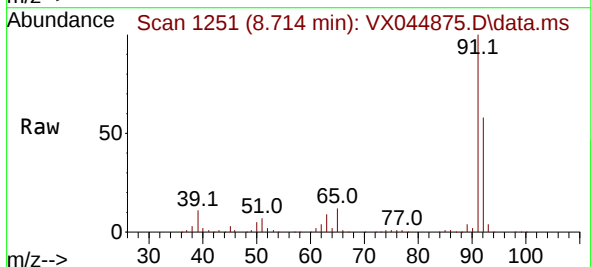
Tgt Ion: 43 Resp: 665564
Ion Ratio Lower Upper
43 100
58 38.7 30.8 46.2

Manual Integrations
APPROVED

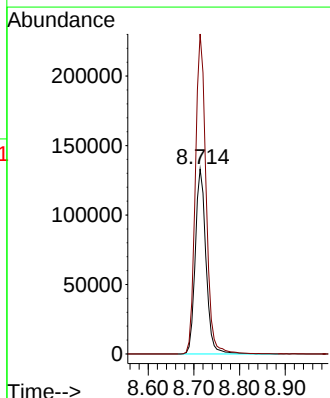
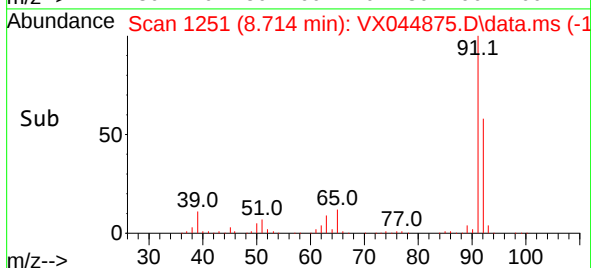
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

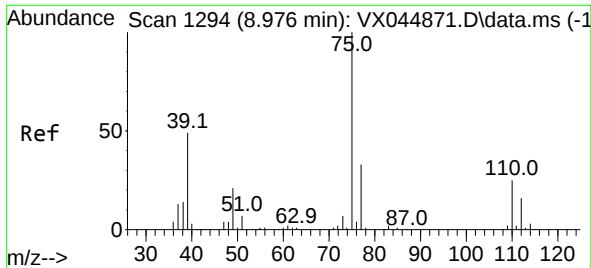


#52
Toluene
Concen: 50.680 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15



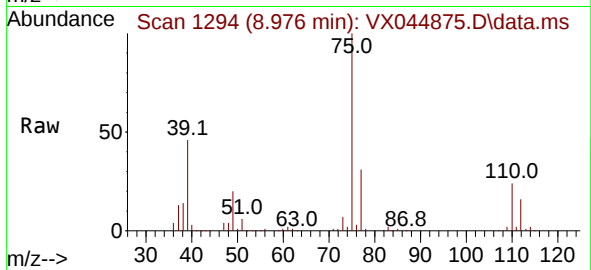
Tgt Ion: 92 Resp: 216682
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 53.731 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

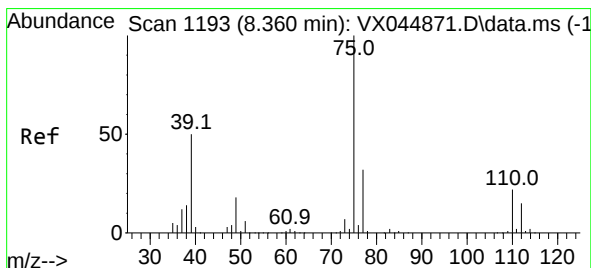
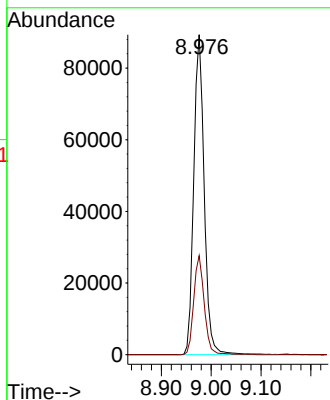
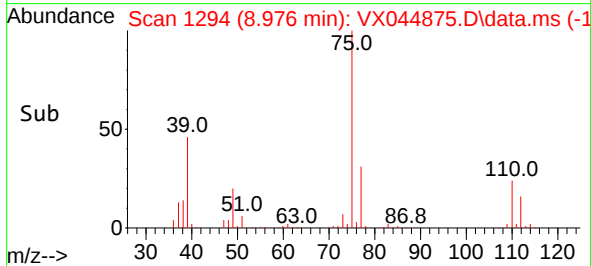
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



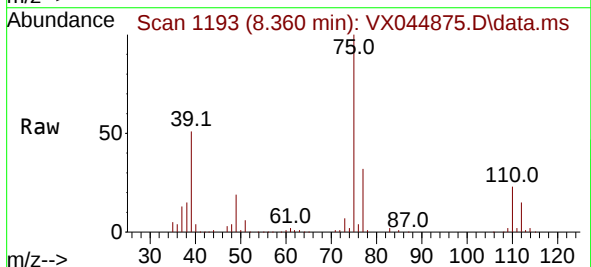
Tgt Ion: 75 Resp: 130409
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0

Manual Integrations
APPROVED

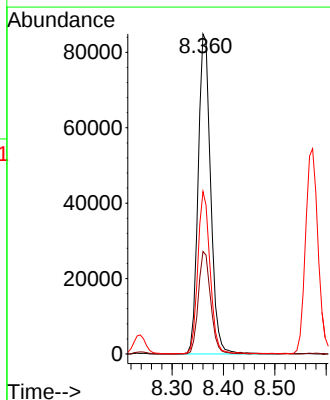
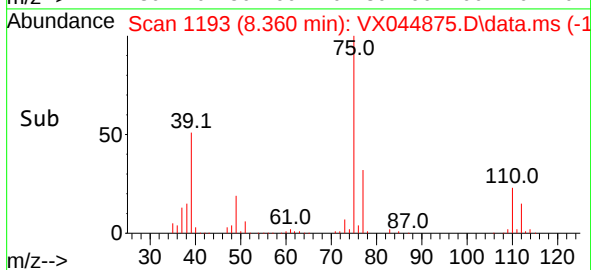
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#54
cis-1,3-Dichloropropene
Concen: 52.986 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15



Tgt Ion: 75 Resp: 143379
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 50.6 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 50.811 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021025

Tgt Ion: 97 Resp: 83510

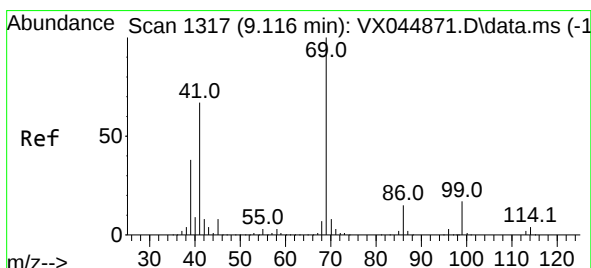
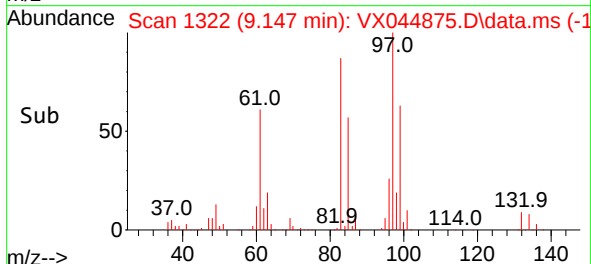
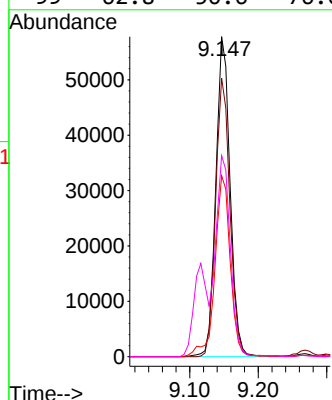
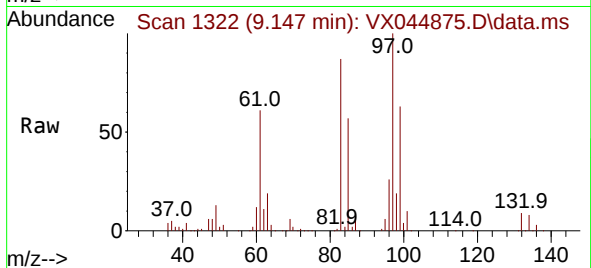
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.8	104.6
85	56.6	44.8	67.2
99	62.8	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#56

Ethyl methacrylate

Concen: 54.068 ug/l

RT: 9.116 min Scan# 1317

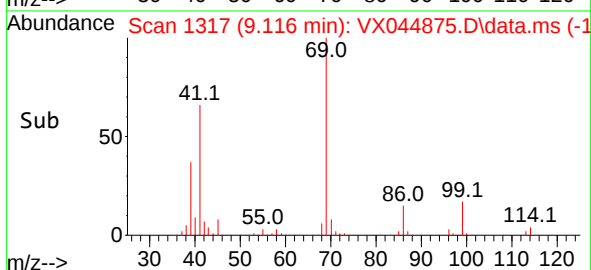
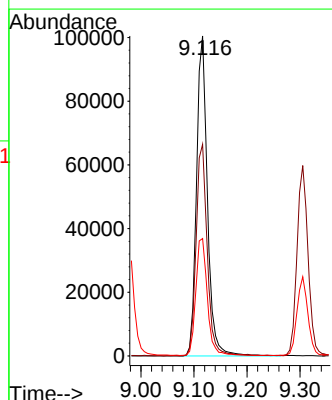
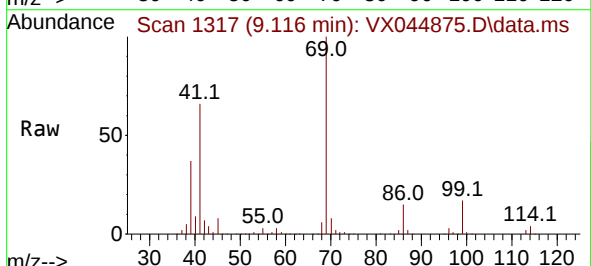
Delta R.T. 0.000 min

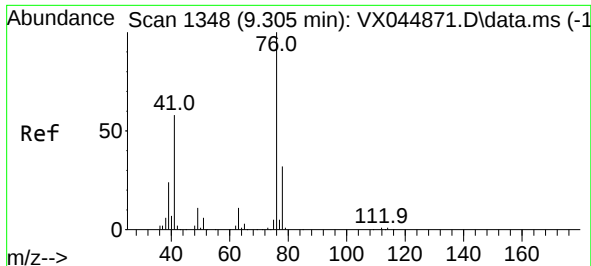
Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Tgt Ion: 69 Resp: 143524

Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.2	82.8
39	38.4	30.8	46.2





#57

1,3-Dichloropropane

Concen: 50.852 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVX021025

Tgt Ion: 76 Resp: 146230

Ion Ratio Lower Upper

76 100

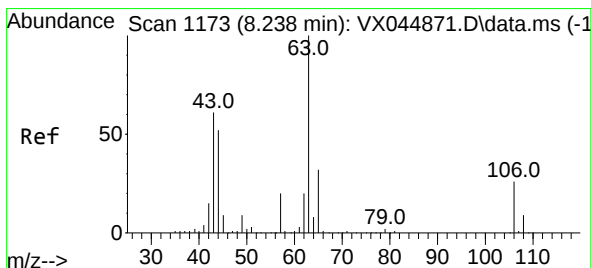
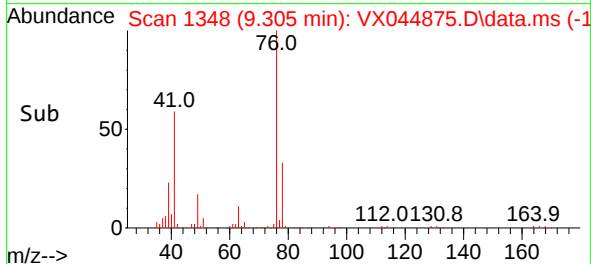
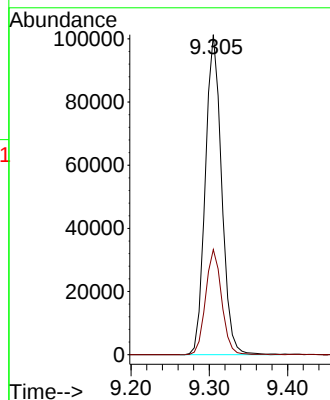
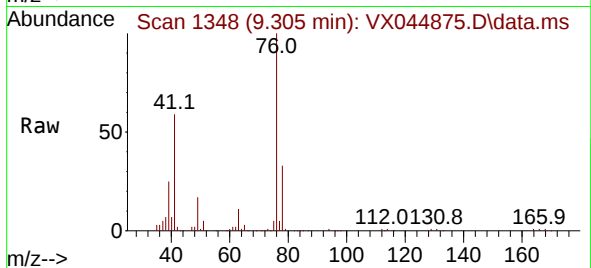
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 284.352 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044875.D

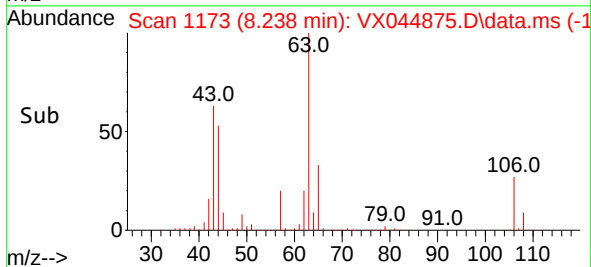
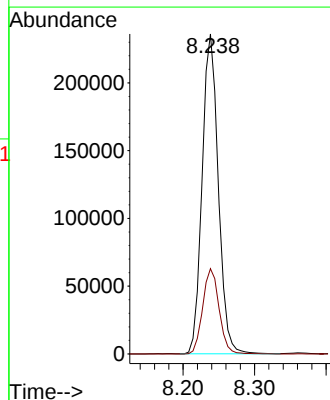
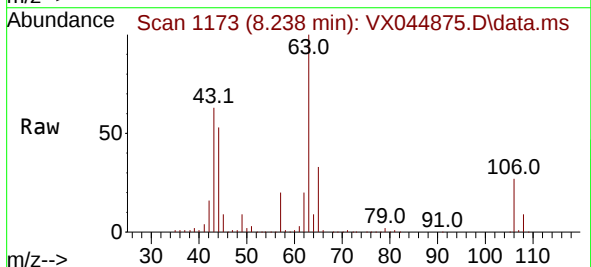
Acq: 10 Feb 2025 13:15

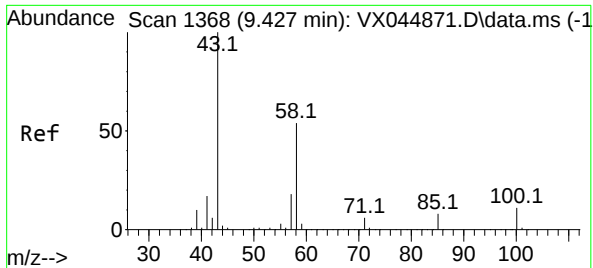
Tgt Ion: 63 Resp: 370622

Ion Ratio Lower Upper

63 100

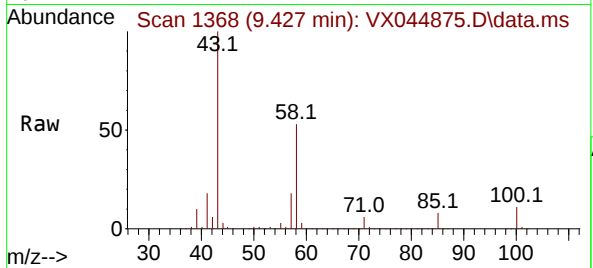
106 27.0 21.3 31.9





#59
2-Hexanone
Concen: 269.951 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

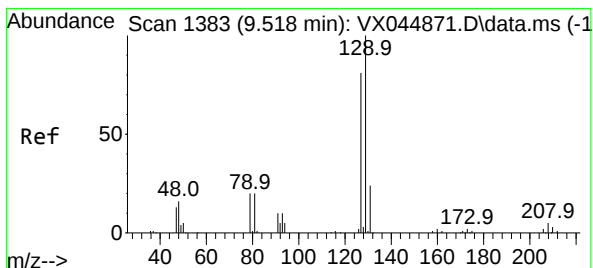
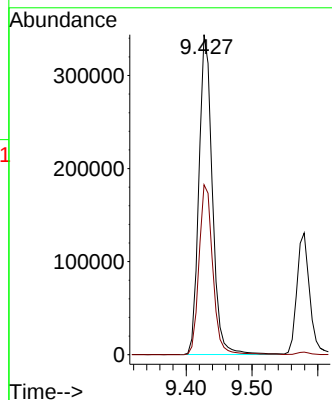
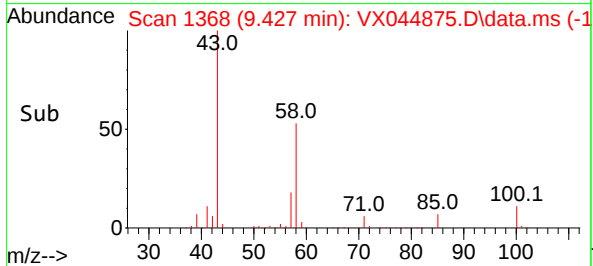
Instrument :
MSVOA_X
ClientSampleId :
ICVX021025



Tgt Ion: 43 Resp: 488298
Ion Ratio Lower Upper
43 100
58 54.5 27.5 82.4

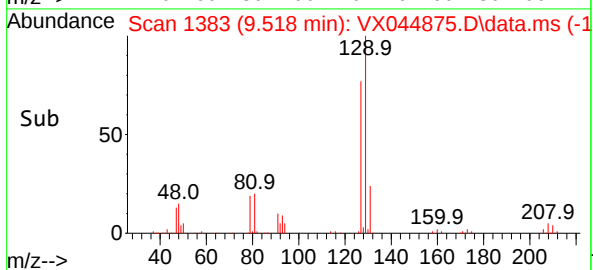
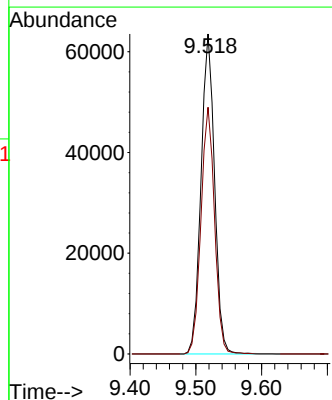
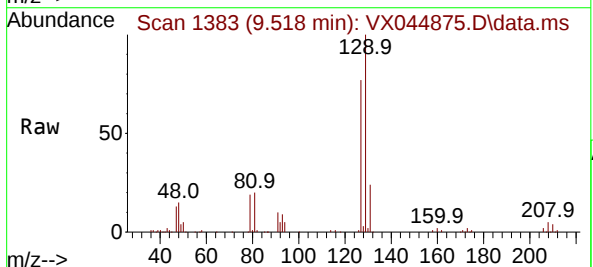
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#60
Dibromochloromethane
Concen: 51.673 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion:129 Resp: 90826
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





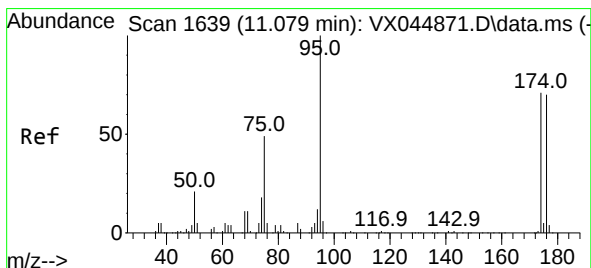
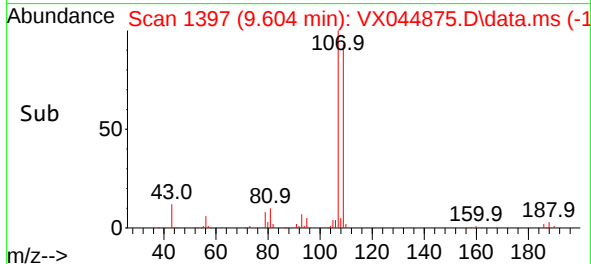
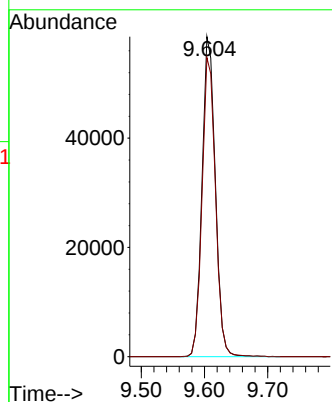
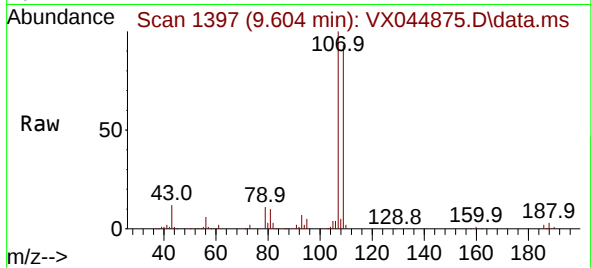
#61
1,2-Dibromoethane
Concen: 51.436 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion:107 Resp: 8568
Ion Ratio Lower Upper
107 100
109 94.5 75.9 113.9

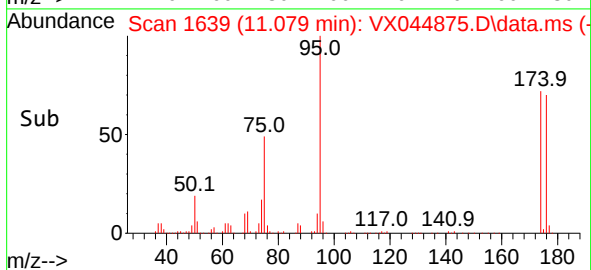
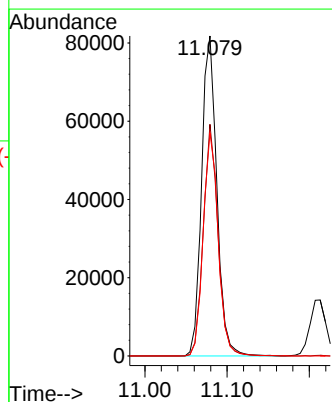
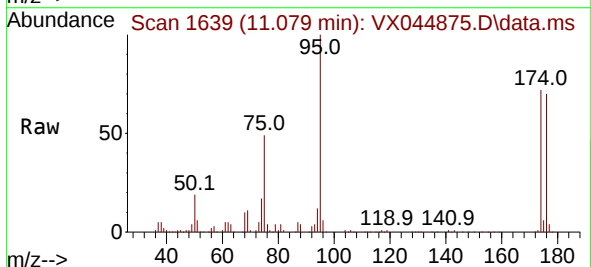
Manual Integrations
APPROVED

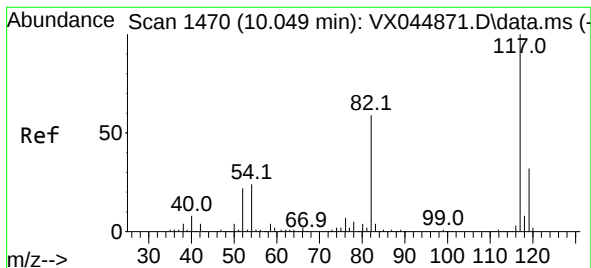
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
4-Bromofluorobenzene
Concen: 51.786 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

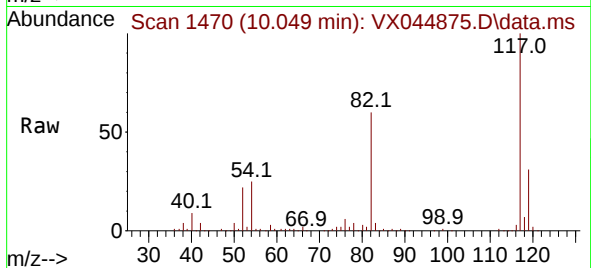
Tgt Ion: 95 Resp: 105201
Ion Ratio Lower Upper
95 100
174 69.8 0.0 142.6
176 68.9 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

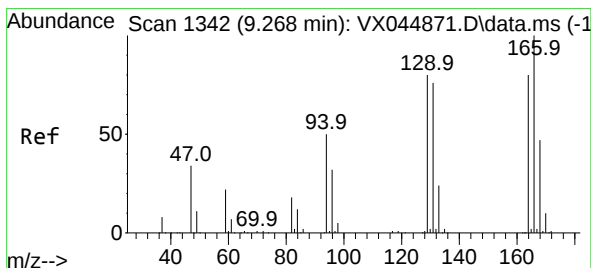
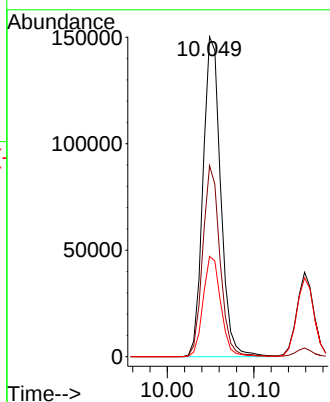
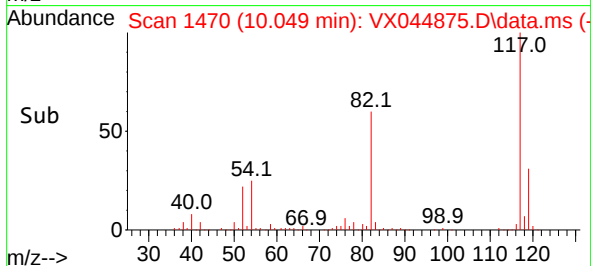
Instrument : MSVOA_X
ClientSampleId : ICVVX021025



Tgt Ion:117 Resp: 213248
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.3 25.4 38.0

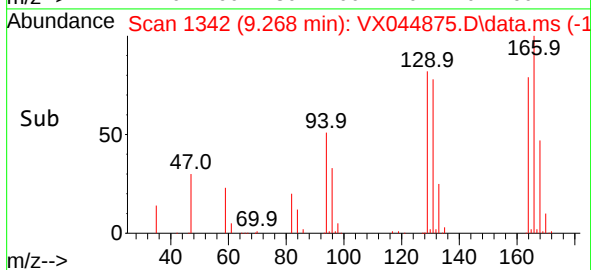
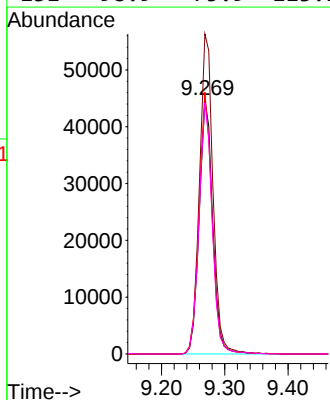
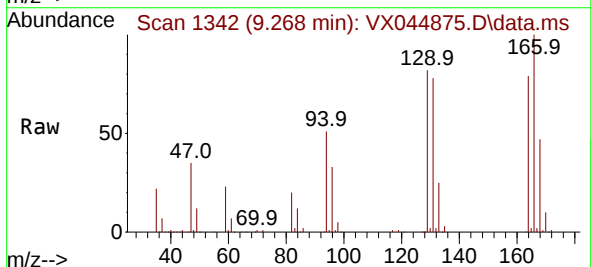
Manual Integrations
APPROVED

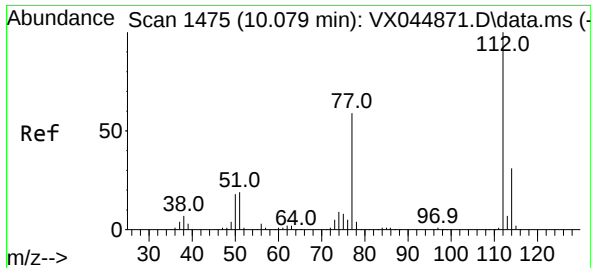
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 49.424 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion:164 Resp: 66468
Ion Ratio Lower Upper
164 100
166 126.1 100.4 150.6
129 103.1 79.9 119.9
131 98.9 75.9 113.9





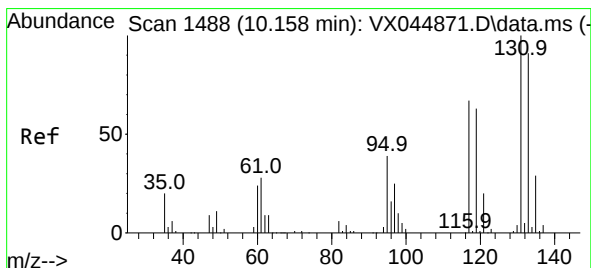
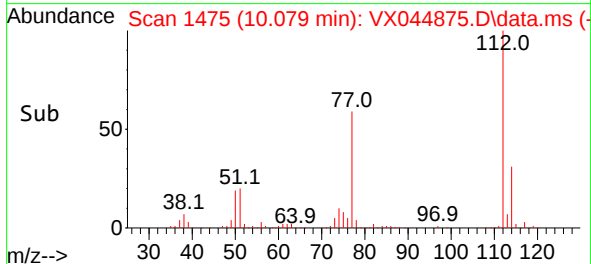
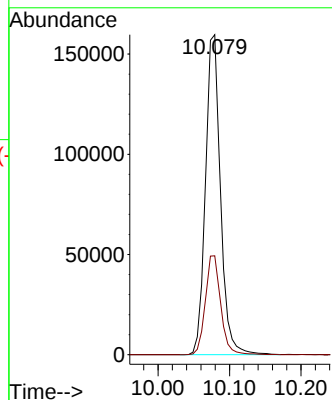
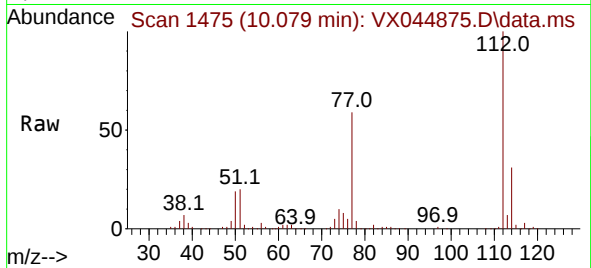
#65
Chlorobenzene
Concen: 50.952 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVX021025

Tgt Ion:112 Resp: 23337
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.6

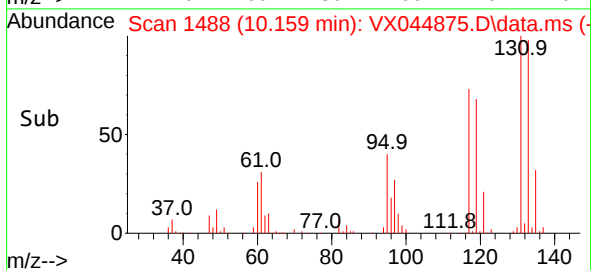
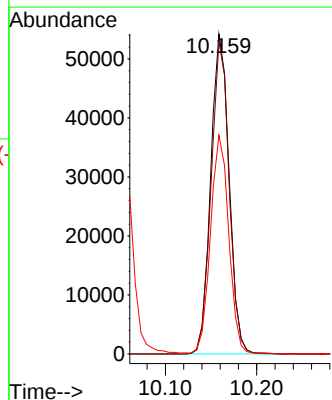
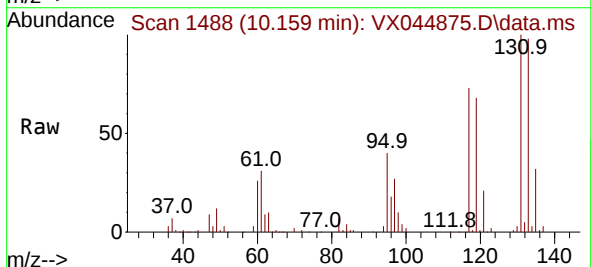
Manual Integrations
APPROVED

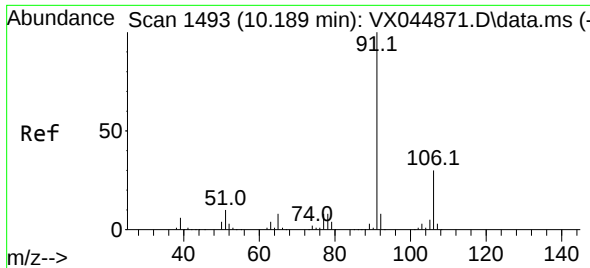
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.205 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

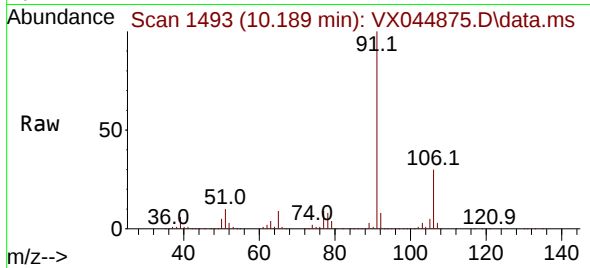
Tgt Ion:131 Resp: 75488
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 68.2 33.6 100.6





#67
Ethyl Benzene
Concen: 51.415 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

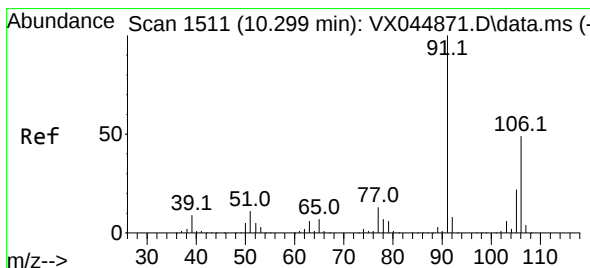
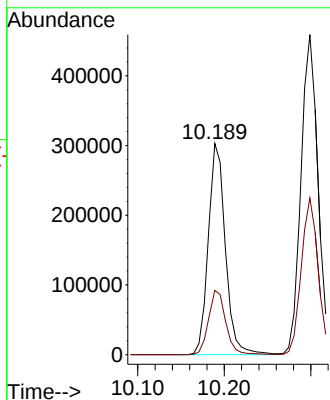
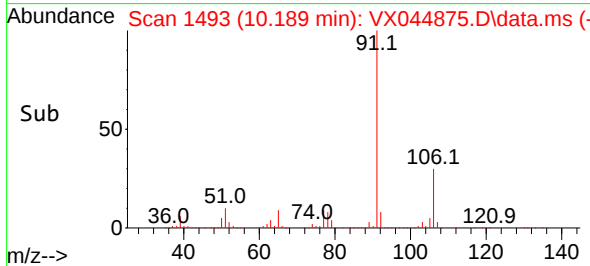
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



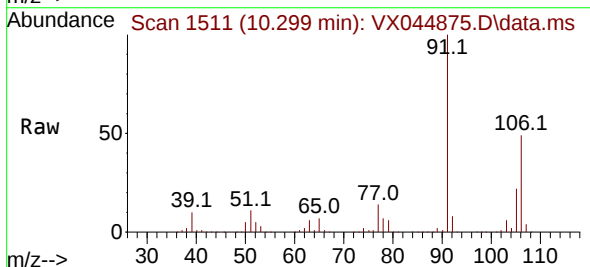
Tgt Ion: 91 Resp: 415579
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9

Manual Integrations
APPROVED

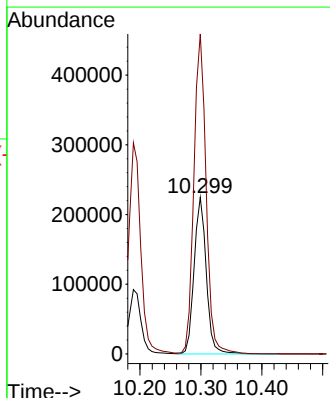
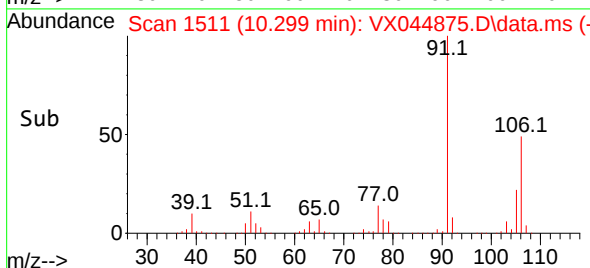
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

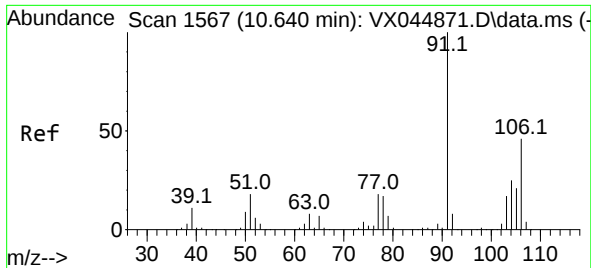


#68
m/p-Xylenes
Concen: 104.282 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15



Tgt Ion:106 Resp: 310925
Ion Ratio Lower Upper
106 100
91 205.2 164.3 246.5





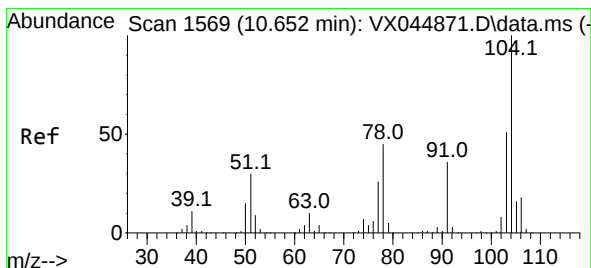
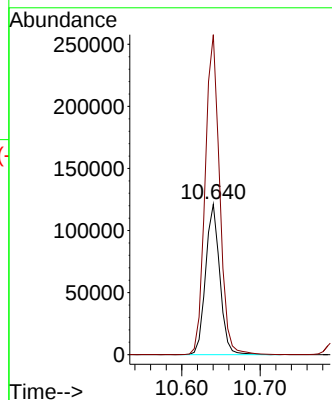
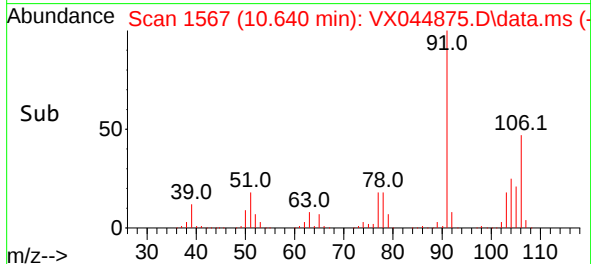
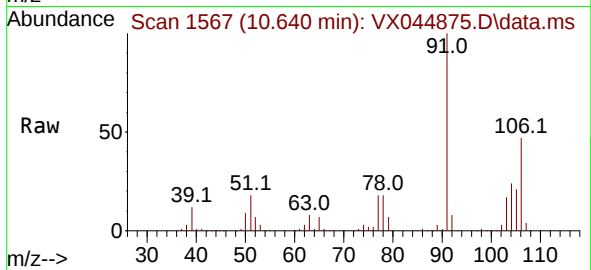
#69
o-Xylene
Concen: 50.804 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVX021025

Tgt Ion:106 Resp: 15199
Ion Ratio Lower Upper
106 100
91 217.1 108.5 325.5

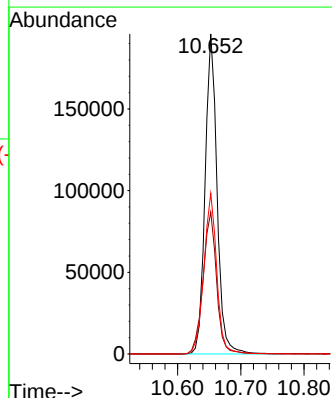
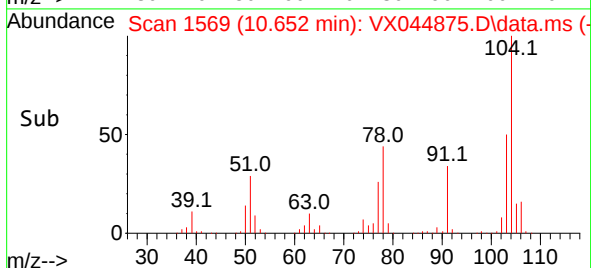
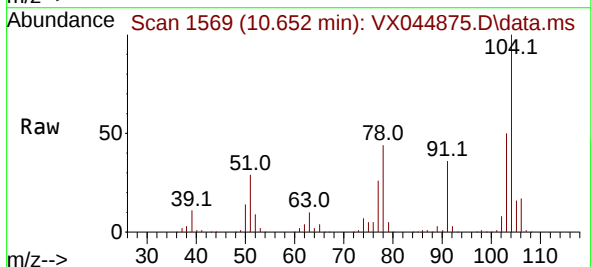
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#70
Styrene
Concen: 53.521 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

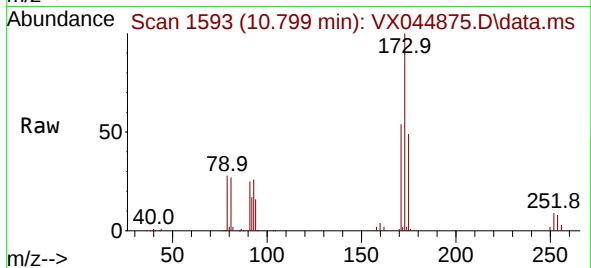
Tgt Ion:104 Resp: 257972
Ion Ratio Lower Upper
104 100
78 50.3 40.5 60.7
103 54.5 43.6 65.4





#71
Bromoform
Concen: 53.997 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

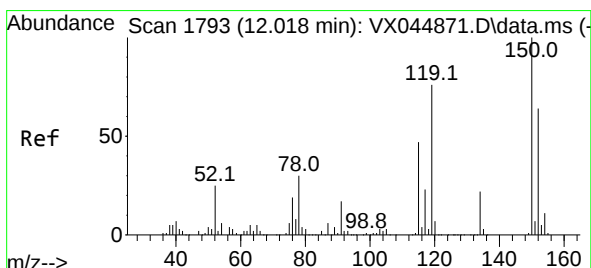
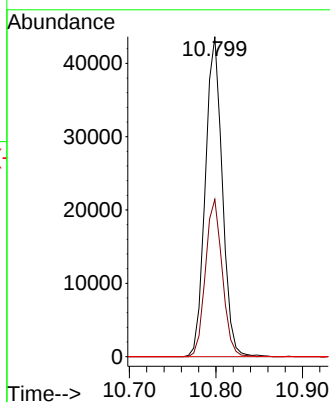
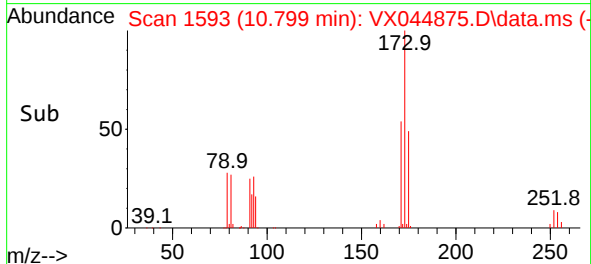
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



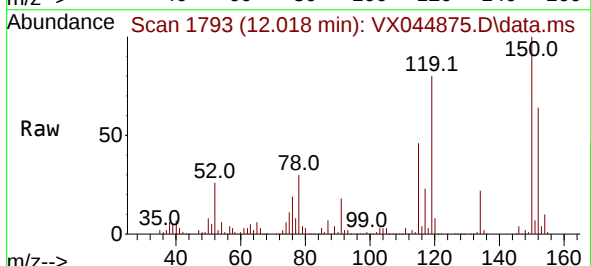
Tgt Ion:173 Resp: 59409
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

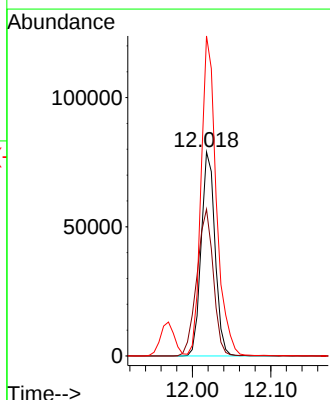
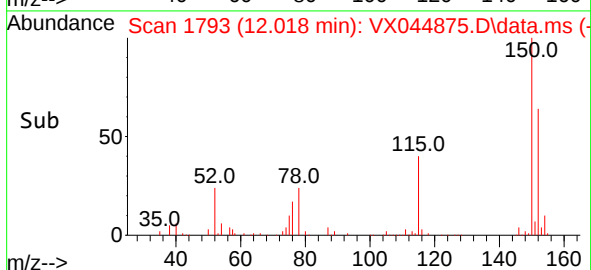
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15



Tgt Ion:152 Resp: 97087
Ion Ratio Lower Upper
152 100
115 85.5 43.4 130.1
150 171.8 0.0 350.4





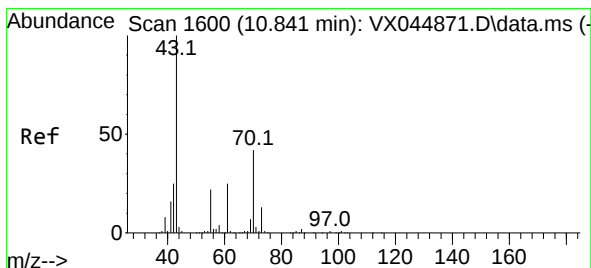
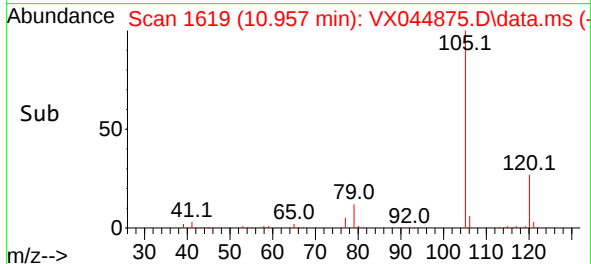
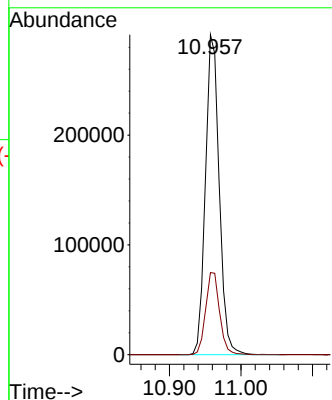
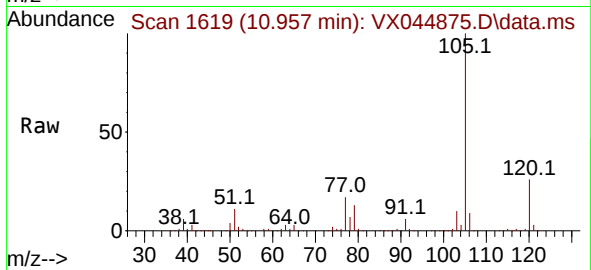
#73
Isopropylbenzene
Concen: 49.921 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion:105 Resp: 390240
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

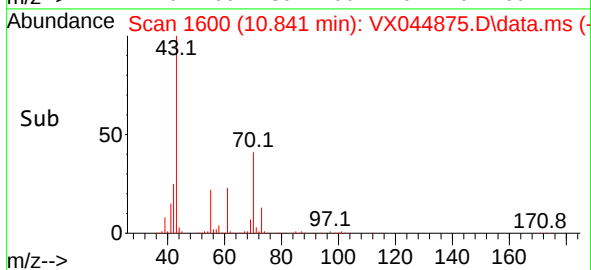
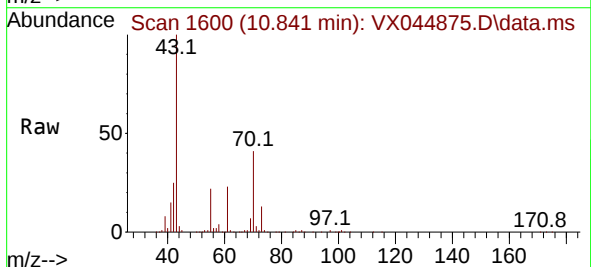
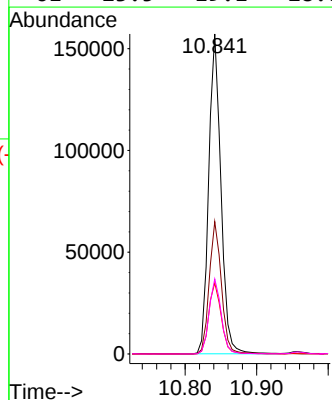
Manual Integrations
APPROVED

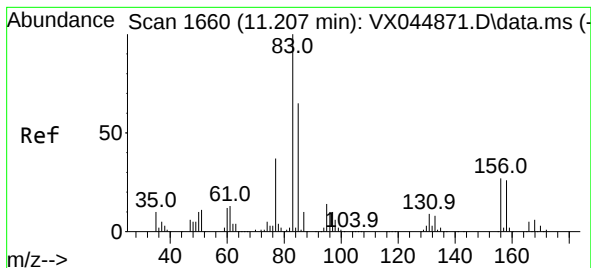
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#74
N-ethyl acetate
Concen: 52.621 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

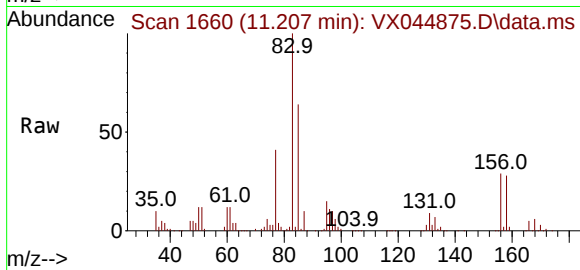
Tgt Ion: 43 Resp: 186145
Ion Ratio Lower Upper
43 100
70 41.4 33.7 50.5
55 22.8 18.6 27.8
61 23.5 19.1 28.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.331 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044875.D
 Acq: 10 Feb 2025 13:15

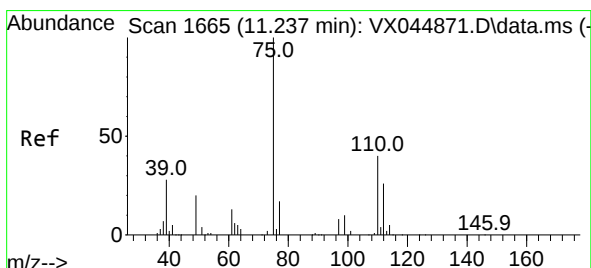
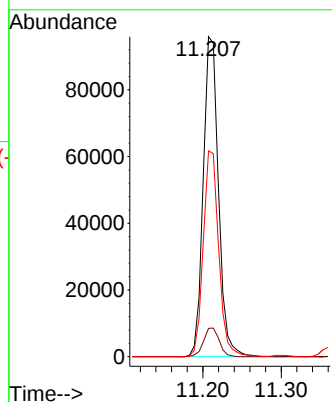
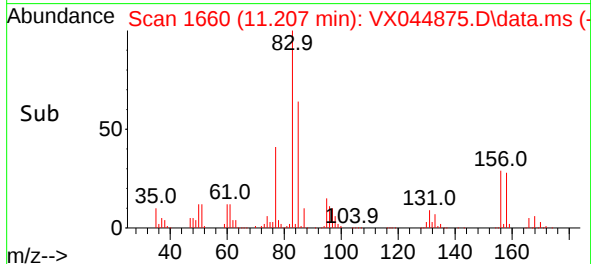
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021025



Tgt Ion: 83 Resp: 129829
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.5 13.5
 85 65.1 32.3 96.8

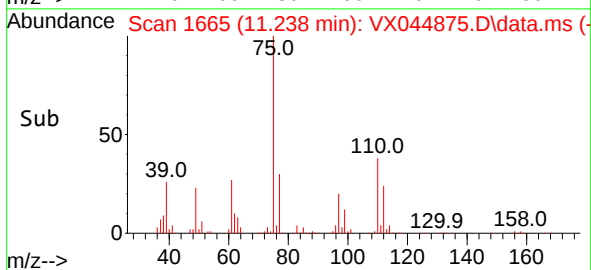
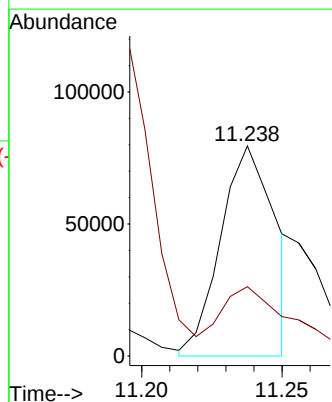
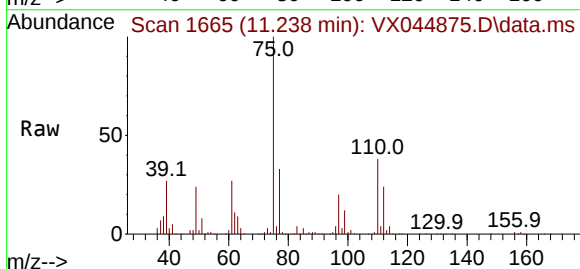
Manual Integrations
 APPROVED

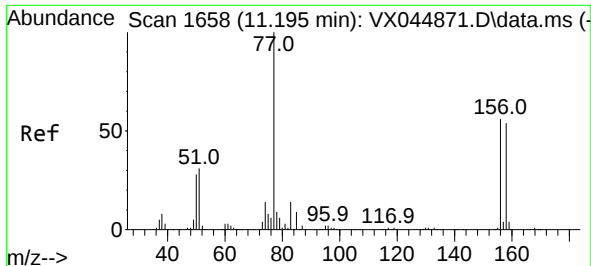
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#76
 1,2,3-Trichloropropane
 Concen: 49.659 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044875.D
 Acq: 10 Feb 2025 13:15

Tgt Ion: 75 Resp: 106893
 Ion Ratio Lower Upper
 75 100
 77 43.7 21.9 65.7





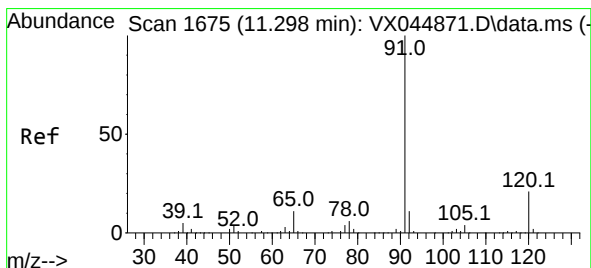
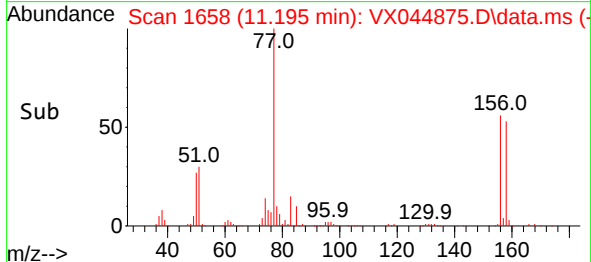
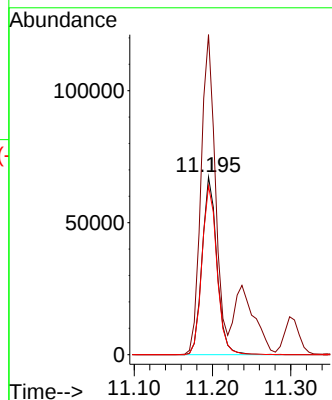
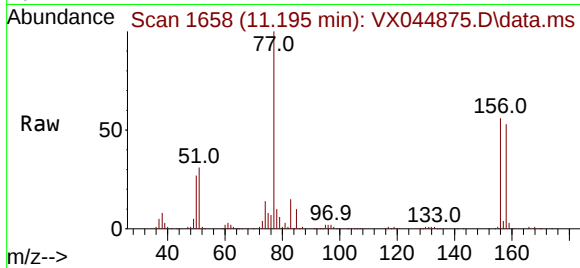
#77
Bromobenzene
Concen: 49.725 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion:156 Resp: 88129
Ion Ratio Lower Upper
156 100
77 176.3 88.4 265.3
158 96.7 48.4 145.2

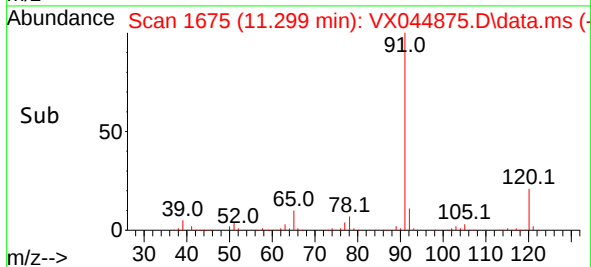
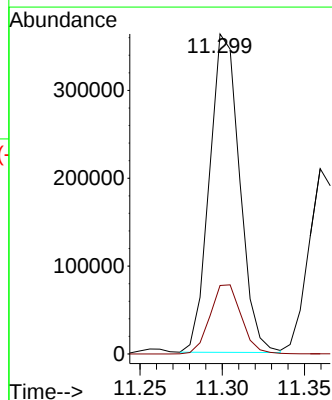
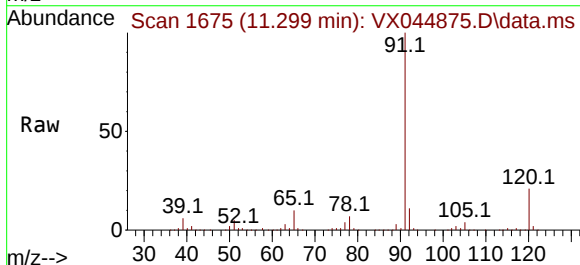
Manual Integrations
APPROVED

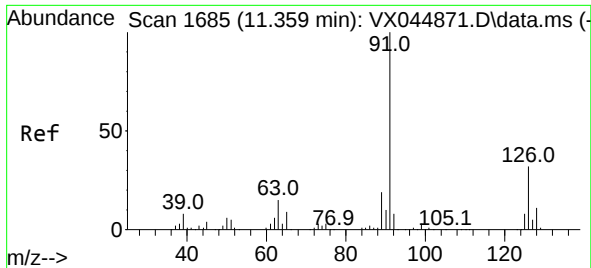
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#78
n-propylbenzene
Concen: 51.386 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion: 91 Resp: 463655
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3





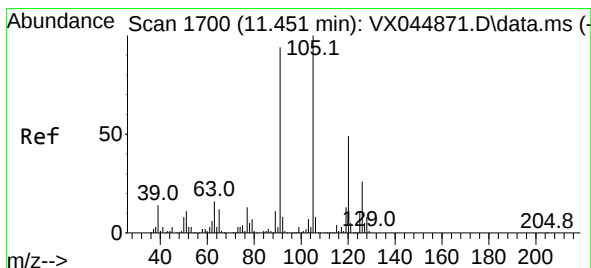
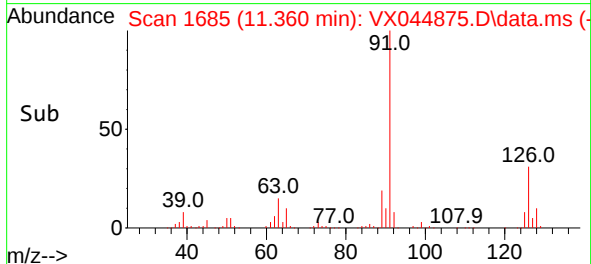
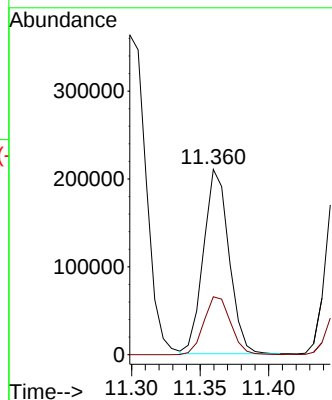
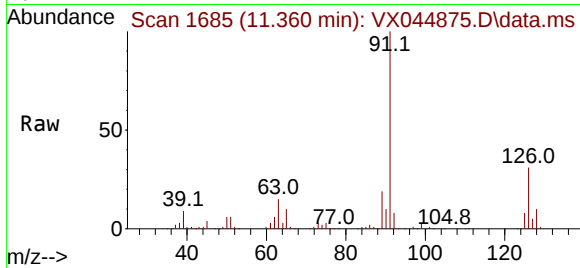
#79
2-Chlorotoluene
Concen: 49.065 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion: 91 Resp: 27209
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

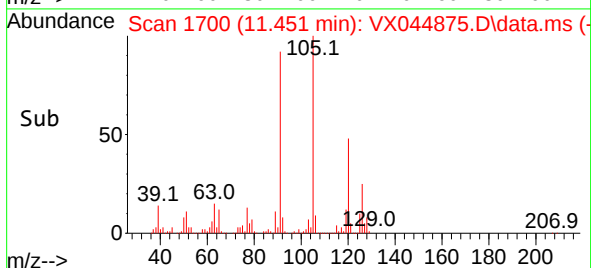
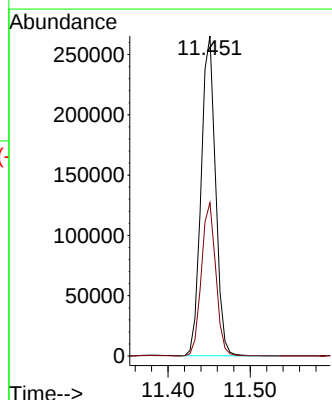
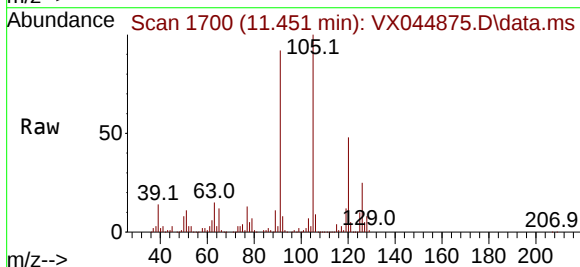
Manual Integrations
APPROVED

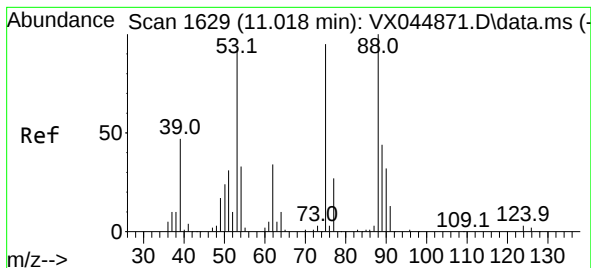
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.956 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion:105 Resp: 323251
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





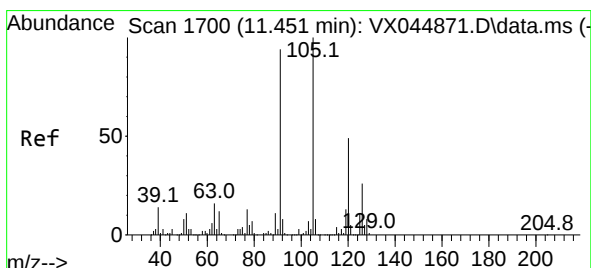
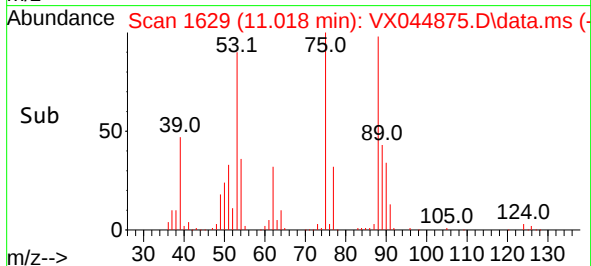
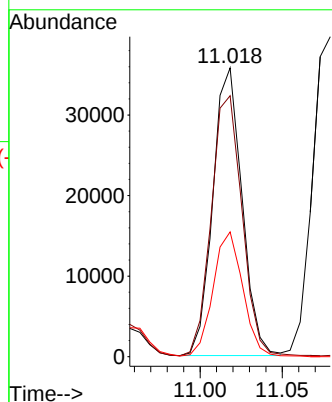
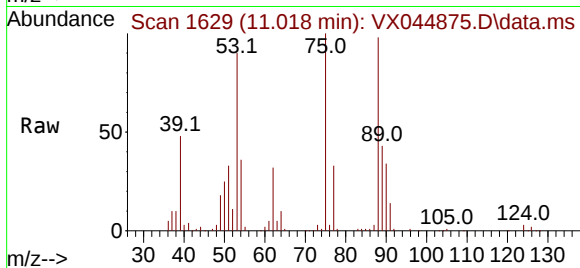
#81
trans-1,4-Dichloro-2-butene
Concen: 52.665 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025

Tgt Ion: 75 Resp: 44070
Ion Ratio Lower Upper
75 100
53 96.9 78.0 117.0
89 44.3 36.6 54.8

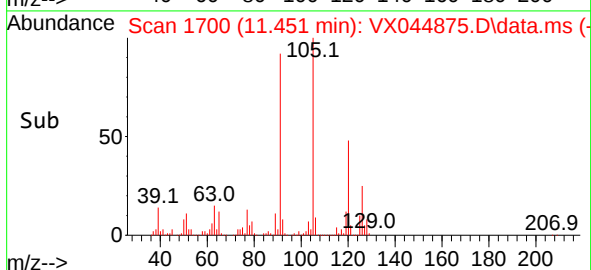
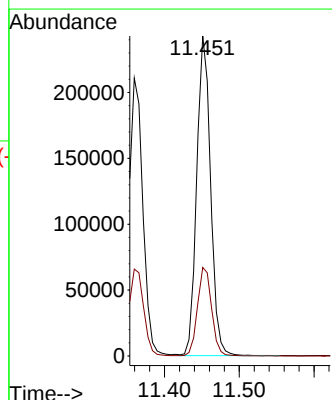
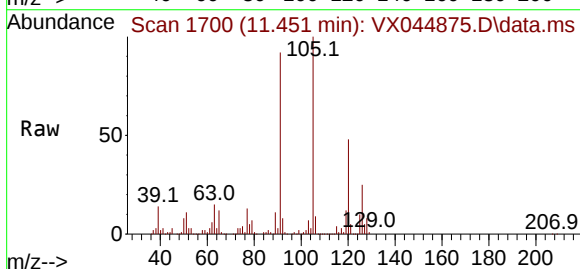
Manual Integrations
APPROVED

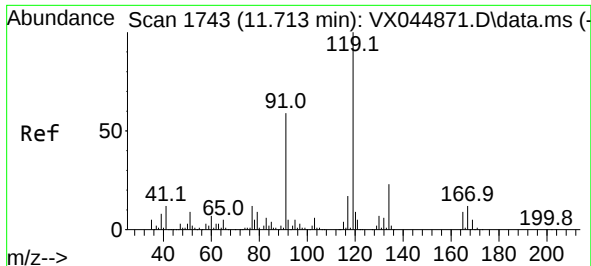
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#82
4-Chlorotoluene
Concen: 50.872 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

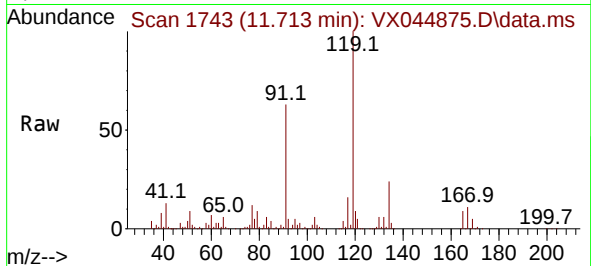
Tgt Ion: 91 Resp: 312112
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.139 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

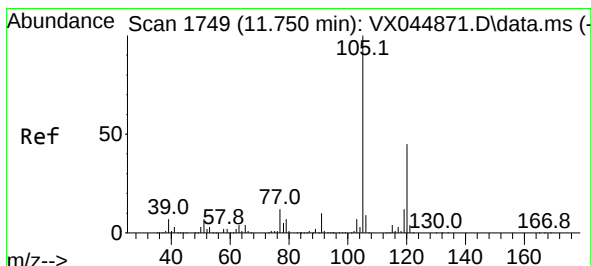
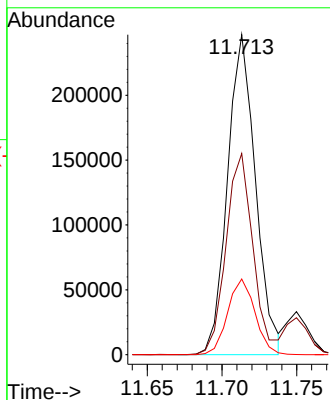
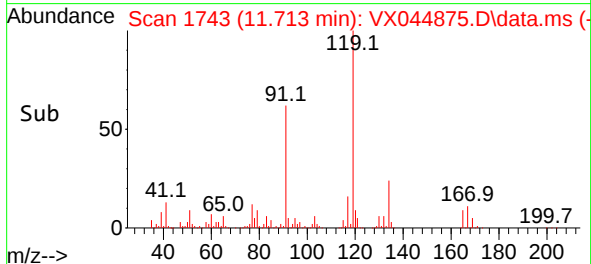
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion:119 Resp: 321772
Ion Ratio Lower Upper
119 100
91 60.7 29.1 87.4
134 23.0 11.5 34.5

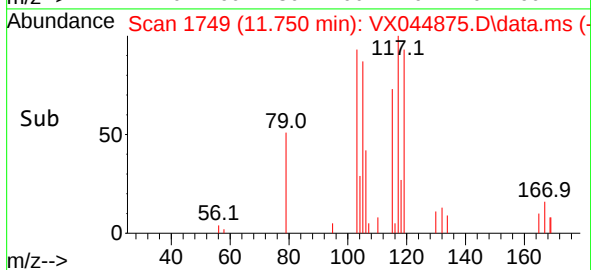
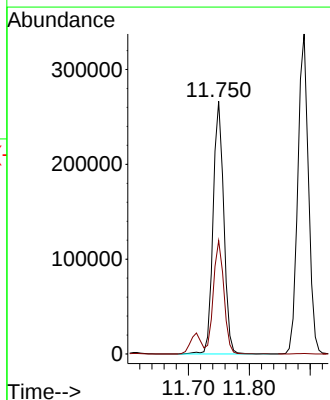
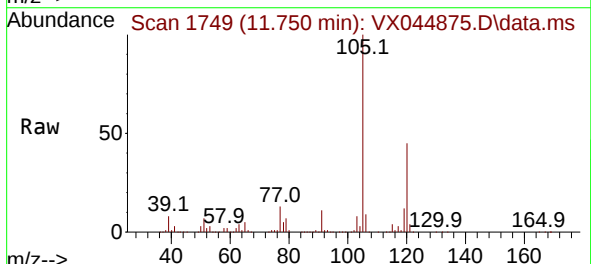
Manual Integrations
APPROVED

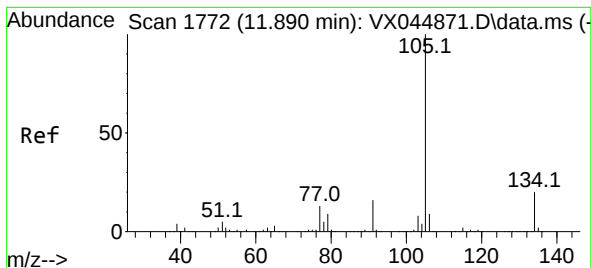
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.593 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

Tgt Ion:105 Resp: 323035
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0





#85

sec-Butylbenzene

Concen: 51.617 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021025

Tgt Ion:105 Resp: 41019

Ion Ratio Lower Upper

105 100

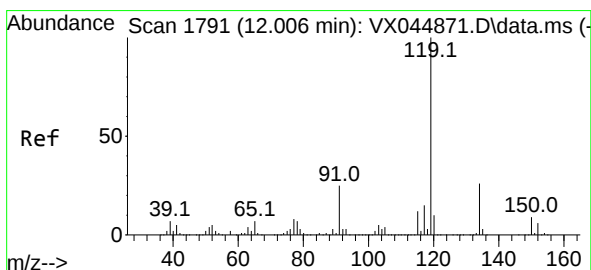
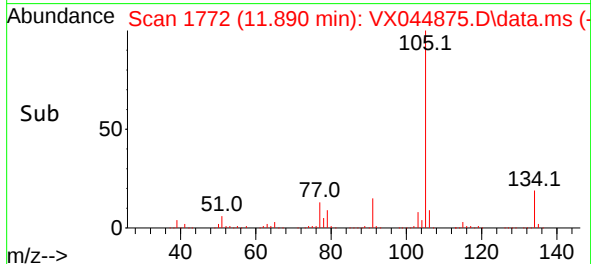
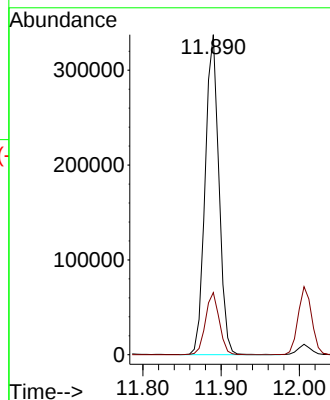
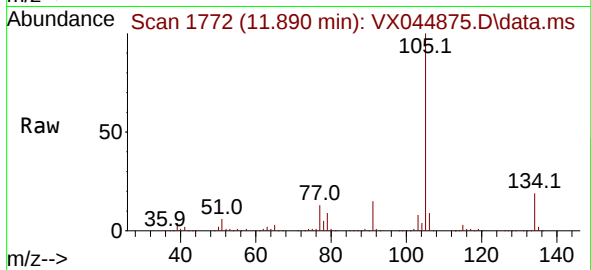
134 19.5 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#86

p-Isopropyltoluene

Concen: 52.581 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

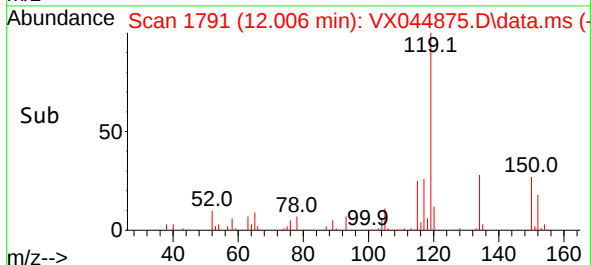
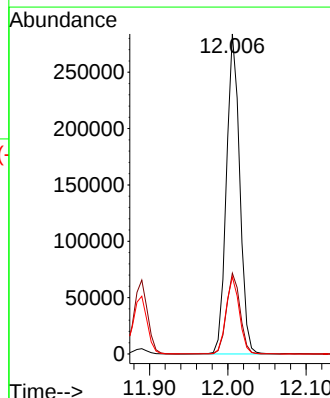
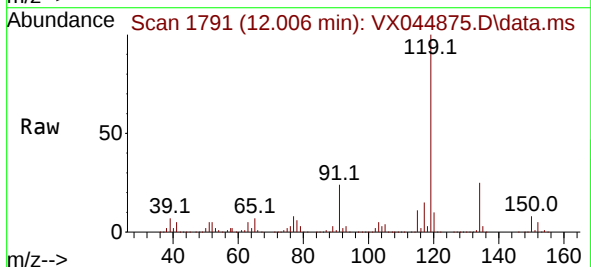
Tgt Ion:119 Resp: 336027

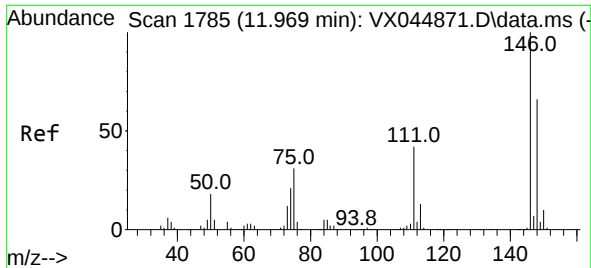
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.475 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021025

Tgt Ion:146 Resp: 164508

Ion Ratio Lower Upper

146 100

111 42.0 21.2 63.6

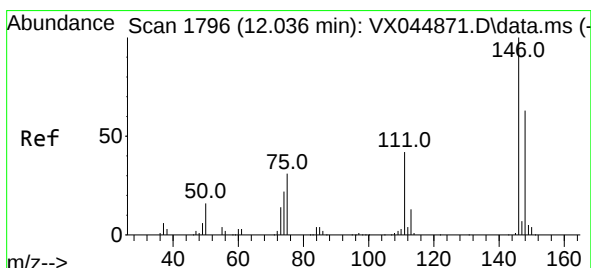
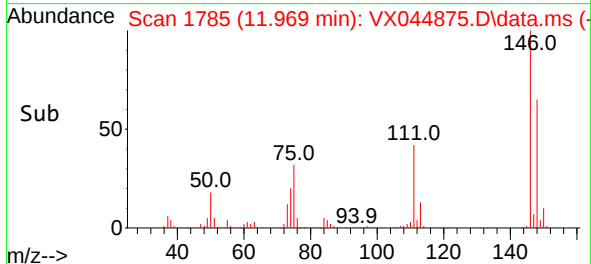
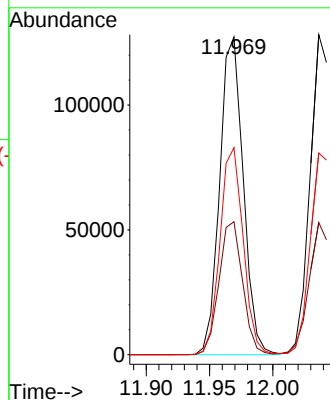
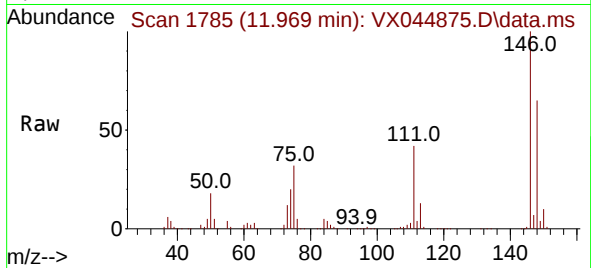
148 64.3 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#88

1,4-Dichlorobenzene

Concen: 49.526 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044875.D

Acq: 10 Feb 2025 13:15

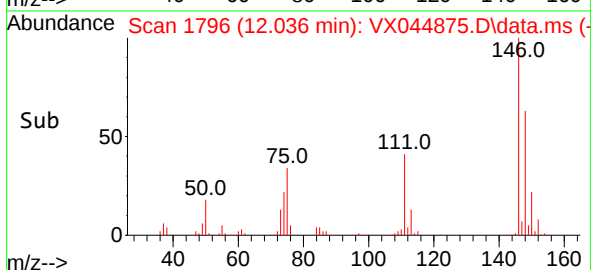
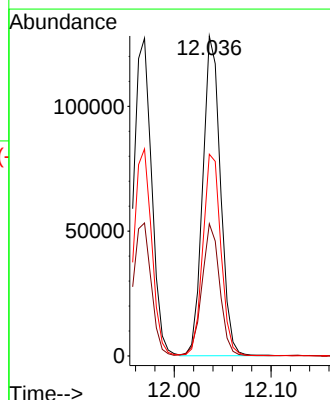
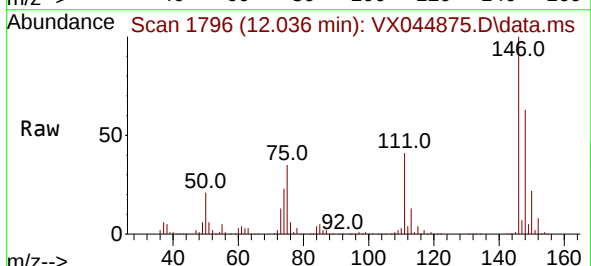
Tgt Ion:146 Resp: 163203

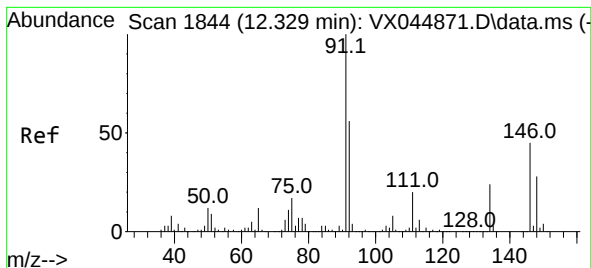
Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.3

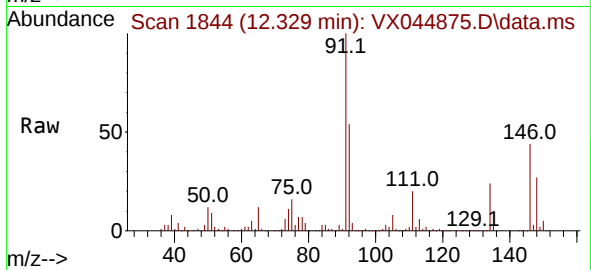
148 64.2 32.0 96.0





#89
n-Butylbenzene
Concen: 55.142 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

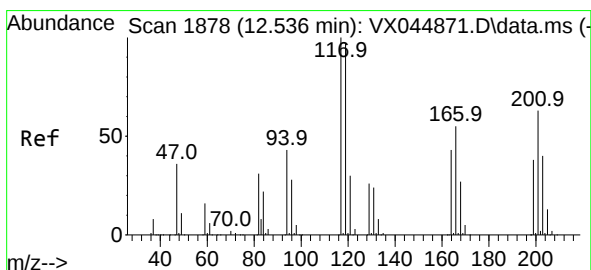
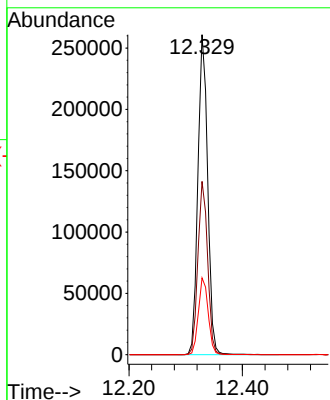
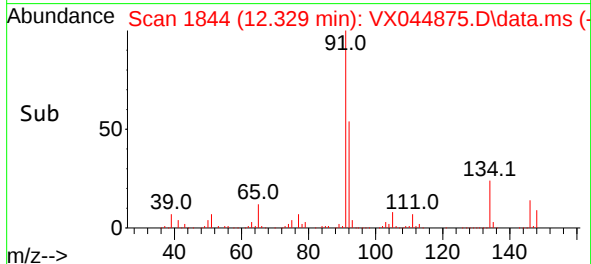
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion: 91 Resp: 311764
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.6
134 24.1 12.1 36.3

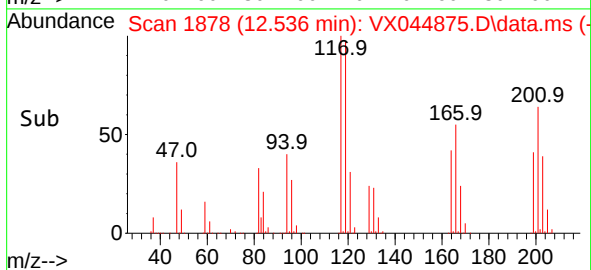
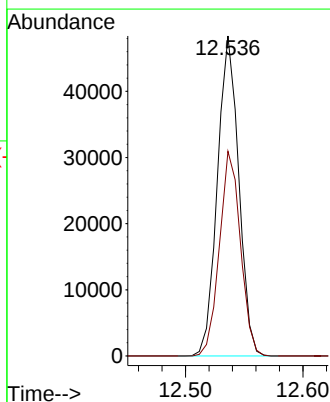
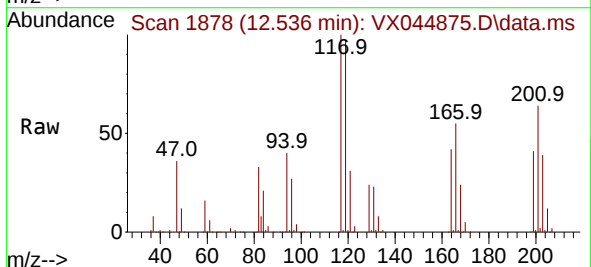
Manual Integrations
APPROVED

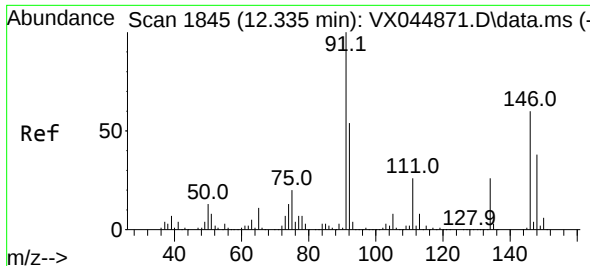
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#90
Hexachloroethane
Concen: 50.990 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

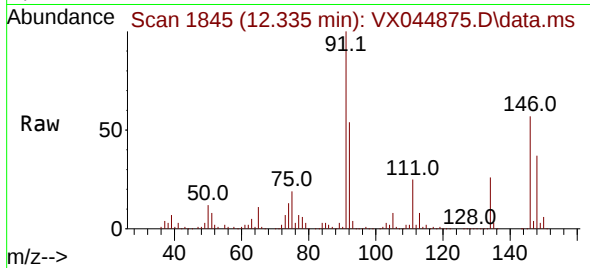
Tgt Ion:117 Resp: 61016
Ion Ratio Lower Upper
117 100
201 63.1 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 50.447 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

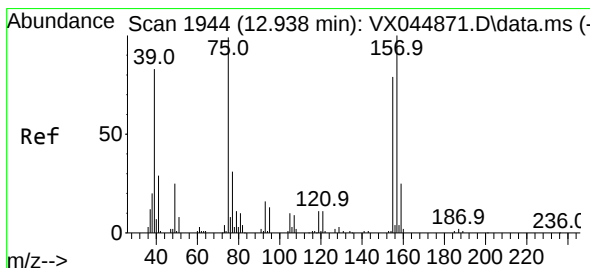
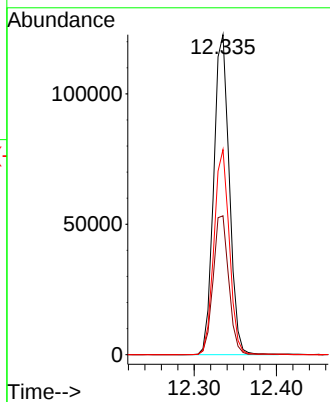
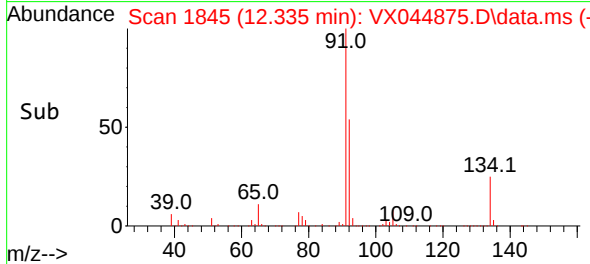
Instrument :
MSVOA_X
ClientSampleId :
ICVX021025



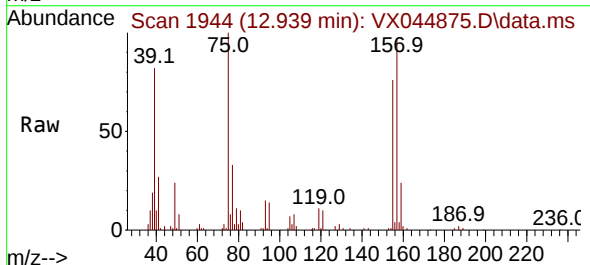
Tgt Ion:146 Resp: 161590
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.4
148 63.3 31.9 95.9

Manual Integrations
APPROVED

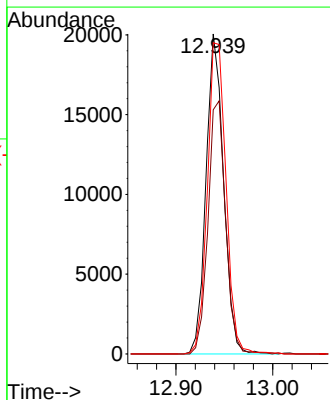
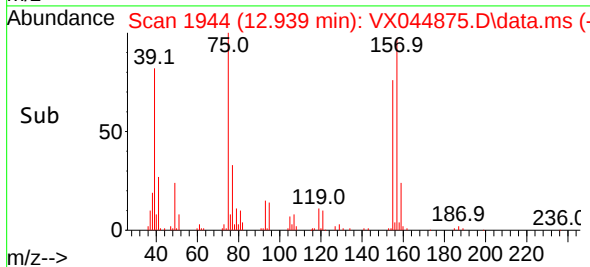
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

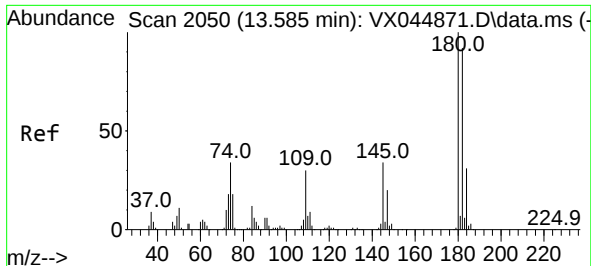


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.684 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15



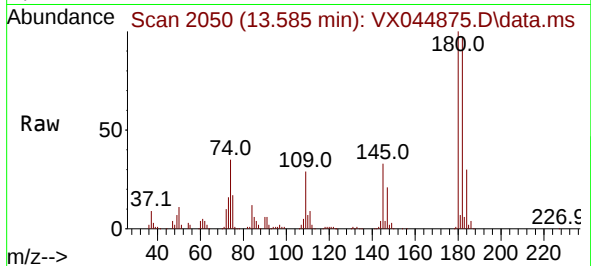
Tgt Ion: 75 Resp: 25339
Ion Ratio Lower Upper
75 100
155 79.5 40.5 121.4
157 103.5 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 52.726 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

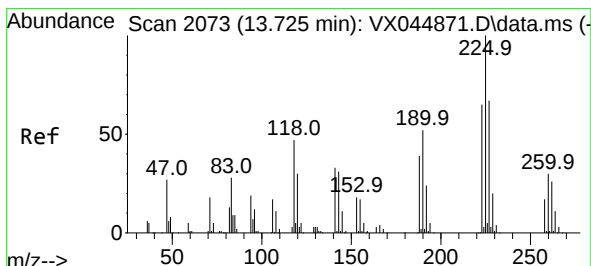
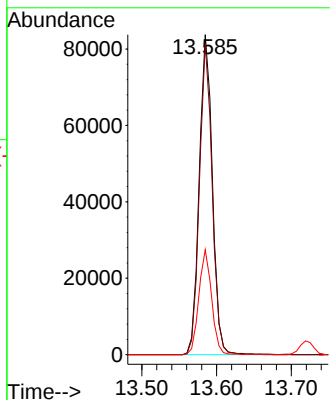
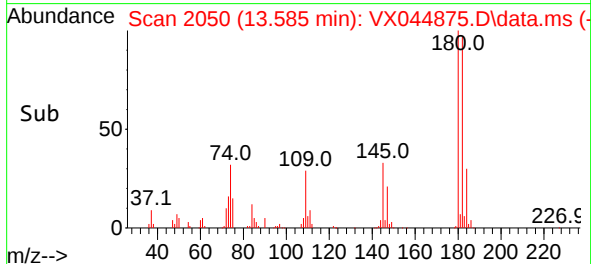
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



Tgt Ion:180 Resp: 10219
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.8
145 31.9 16.4 49.1

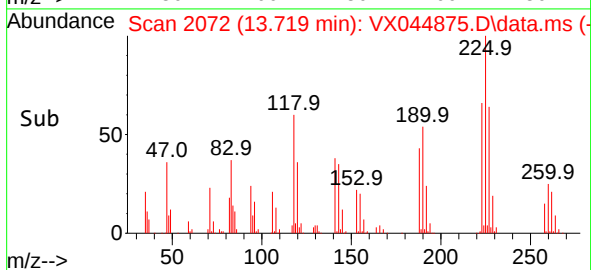
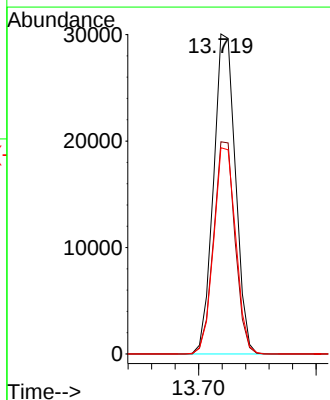
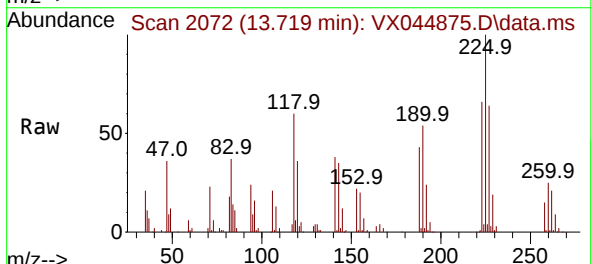
Manual Integrations
APPROVED

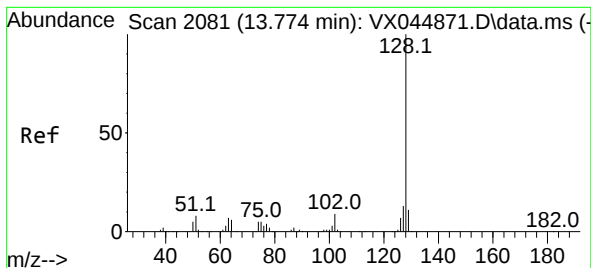
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#94
Hexachlorobutadiene
Concen: 50.683 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

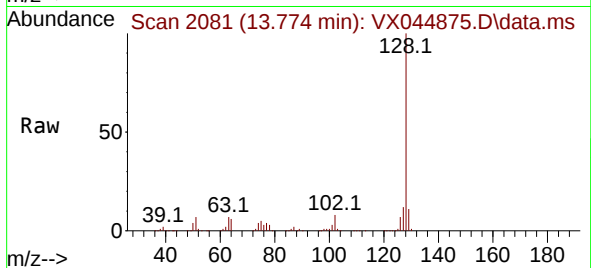
Tgt Ion:225 Resp: 38998
Ion Ratio Lower Upper
225 100
223 64.9 31.4 94.2
227 64.8 32.3 96.8





#95
Naphthalene
Concen: 53.033 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15

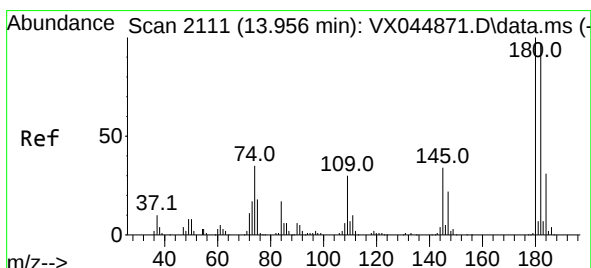
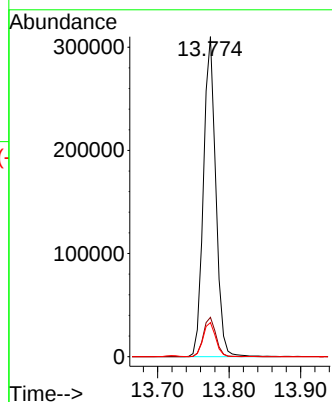
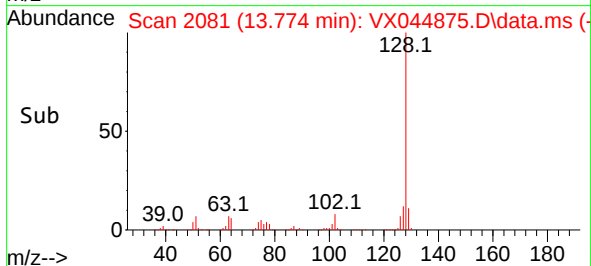
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021025



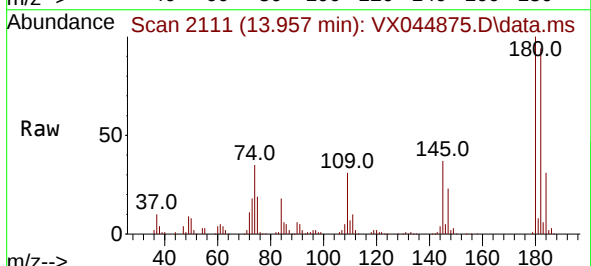
Tgt Ion:128 Resp: 371570
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.575 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044875.D
Acq: 10 Feb 2025 13:15



Tgt Ion:180 Resp: 100730
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.6
145 35.2 17.1 51.3

