

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044869.D
 Acq On : 10 Feb 2025 10:48
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 11 03:36:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:33:20 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	136105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	218625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	10397	5.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.440%#		
35) Dibromofluoromethane	5.385	113	8482	5.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.300%#		
50) Toluene-d8	8.647	98	31381	5.039	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.080%#		
62) 4-Bromofluorobenzene	11.079	95	10229	4.872	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9109	4.772	ug/l	94
3) Chloromethane	1.301	50	11711	5.041	ug/l	97
4) Vinyl Chloride	1.374	62	11509	5.113	ug/l	94
5) Bromomethane	1.593	94	3371	5.005	ug/l	89
6) Chloroethane	1.660	64	3918m	4.973	ug/l	
7) Trichlorofluoromethane	1.868	101	14506	5.096	ug/l	100
8) Diethyl Ether	2.136	74	5062	4.904	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	8805	5.120	ug/l	98
10) Methyl Iodide	2.447	142	10233	4.591	ug/l	99
11) Tert butyl alcohol	2.983	59	10044	27.175	ug/l	100
12) 1,1-Dichloroethene	2.307	96	8692	4.955	ug/l	95
13) Acrolein	2.239	56	9750	25.567	ug/l	98
14) Allyl chloride	2.660	41	15649	4.936	ug/l	98
15) Acrylonitrile	3.062	53	24101	24.422	ug/l	98
16) Acetone	2.386	43	19877	24.817	ug/l	99
17) Carbon Disulfide	2.502	76	23568	4.899	ug/l	98
18) Methyl Acetate	2.703	43	12257	4.850	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	28100	5.034	ug/l	99
20) Methylene Chloride	2.782	84	9757	4.973	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	8470	4.906	ug/l	94
22) Diisopropyl ether	3.757	45	29768	4.963	ug/l #	80
23) Vinyl Acetate	3.721	43	119108	24.358	ug/l	98
24) 1,1-Dichloroethane	3.605	63	17113	5.099	ug/l	98
25) 2-Butanone	4.568	43	32121	24.698	ug/l	98
26) 2,2-Dichloropropane	4.459	77	13365	5.022	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	10662	5.141	ug/l	95
28) Bromochloromethane	4.898	49	7881	4.886	ug/l #	96
29) Tetrahydrofuran	5.013	42	21097	24.429	ug/l	98
30) Chloroform	5.087	83	16449	5.054	ug/l	98
31) Cyclohexane	5.464	56	15705	5.076	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	13658	4.947	ug/l	98
36) 1,1-Dichloropropene	5.684	75	11835	4.981	ug/l	98
37) Ethyl Acetate	4.721	43	13530	5.122	ug/l	99
38) Carbon Tetrachloride	5.672	117	11797	5.066	ug/l	97
39) Methylcyclohexane	7.373	83	14472	4.711	ug/l	96
40) Benzene	6.038	78	37687	5.079	ug/l	99

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Feb 11 03:36:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:33:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	6648	4.699	ug/l	96
42) 1,2-Dichloroethane	6.086	62	11789	4.985	ug/l	100
43) Isopropyl Acetate	6.342	43	19803	4.640	ug/l	99
44) Trichloroethene	7.123	130	8614	5.079	ug/l	95
45) 1,2-Dichloropropane	7.428	63	8976	4.863	ug/l	98
46) Dibromomethane	7.586	93	6210	4.851	ug/l	95
47) Bromodichloromethane	7.818	83	12173	4.911	ug/l	94
48) Methyl methacrylate	7.702	41	9298	4.620	ug/l	98
49) 1,4-Dioxane	7.678	88	4365	101.099	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	65064	25.076	ug/l	100
52) Toluene	8.720	92	22090	4.999	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	11413	4.550	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	12943	4.628	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	8662	5.099	ug/l	98
56) Ethyl methacrylate	9.116	69	12351	4.502	ug/l	96
57) 1,3-Dichloropropane	9.305	76	14839	4.993	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	31498	23.382	ug/l	99
59) 2-Hexanone	9.433	43	45538	24.359	ug/l	99
60) Dibromochloromethane	9.519	129	8668	4.771	ug/l	99
61) 1,2-Dibromoethane	9.610	107	8353	4.852	ug/l	96
64) Tetrachloroethene	9.269	164	6803	4.934	ug/l	95
65) Chlorobenzene	10.079	112	23903	5.090	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	7380	4.883	ug/l	97
67) Ethyl Benzene	10.189	91	40945	4.941	ug/l	97
68) m/p-Xylenes	10.299	106	30627	10.019	ug/l	100
69) o-Xylene	10.640	106	15761	5.139	ug/l	98
70) Styrene	10.653	104	24576	4.973	ug/l	99
71) Bromoform	10.799	173	5391	4.779	ug/l #	97
73) Isopropylbenzene	10.957	105	38315	4.983	ug/l	100
74) N-amyl acetate	10.842	43	16653	4.786	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	13394	5.069	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	11011m	5.201	ug/l	
77) Bromobenzene	11.195	156	8789	5.042	ug/l	97
78) n-propylbenzene	11.305	91	43923	4.949	ug/l	99
79) 2-Chlorotoluene	11.360	91	27311	5.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	31761	5.090	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3303	4.013	ug/l	87
82) 4-Chlorotoluene	11.451	91	30138	4.994	ug/l	99
83) tert-Butylbenzene	11.713	119	31992	5.068	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	31053	5.042	ug/l	98
85) sec-Butylbenzene	11.890	105	38437	4.917	ug/l	98
86) p-Isopropyltoluene	12.006	119	30835	4.905	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	15935	4.971	ug/l	95
88) 1,4-Dichlorobenzene	12.036	146	16347	5.043	ug/l	95
89) n-Butylbenzene	12.329	91	25747	4.630	ug/l	97
90) Hexachloroethane	12.536	117	5620	4.775	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	16362	5.193	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2254	4.674	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	8923	4.680	ug/l	99
94) Hexachlorobutadiene	13.719	225	3595	4.750	ug/l	99
95) Naphthalene	13.774	128	32776	4.756	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	9093	4.733	ug/l	98

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Supervised By :Mahesh Dadoda 02/11/2025

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Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:33:20 2025
Response via : Initial Calibration

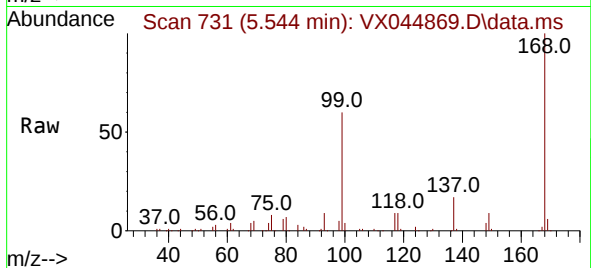
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

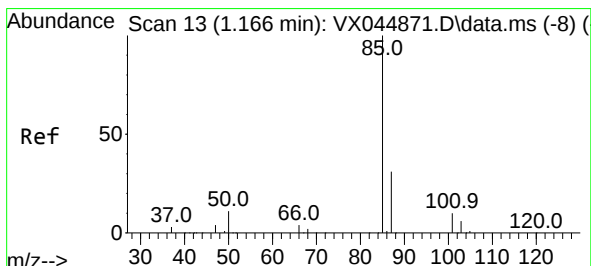
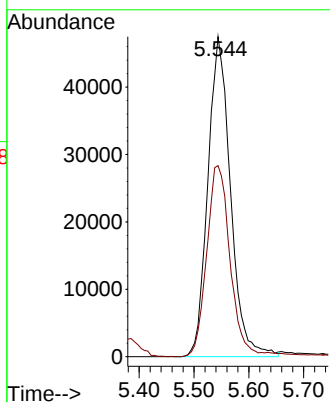
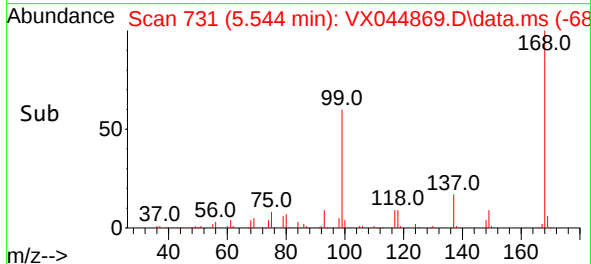
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



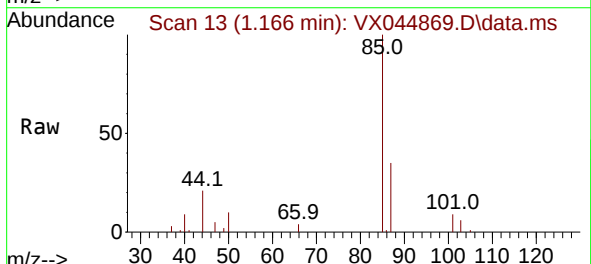
Tgt Ion:168 Resp: 13610
Ion Ratio Lower Upper
168 100
99 59.7 51.2 76.8

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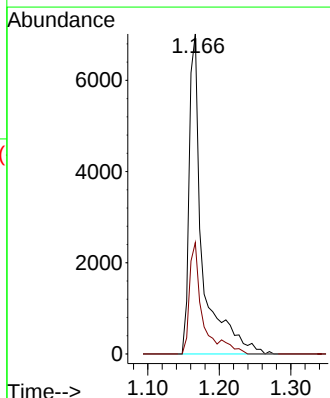
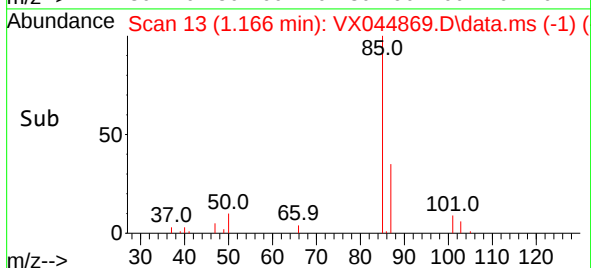
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#2
Dichlorodifluoromethane
Concen: 4.772 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



Tgt Ion: 85 Resp: 9109
Ion Ratio Lower Upper
85 100
87 34.8 15.8 47.3





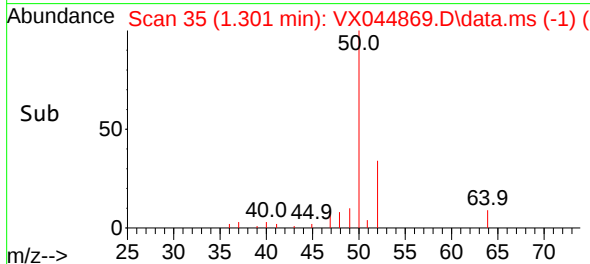
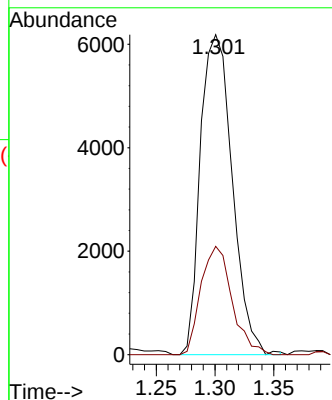
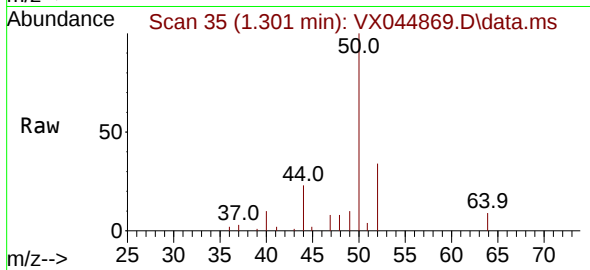
#3
Chloromethane
Concen: 5.041 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 1171
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9

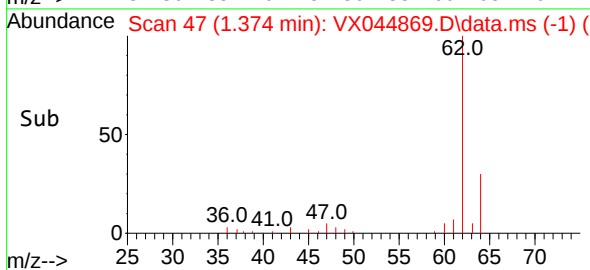
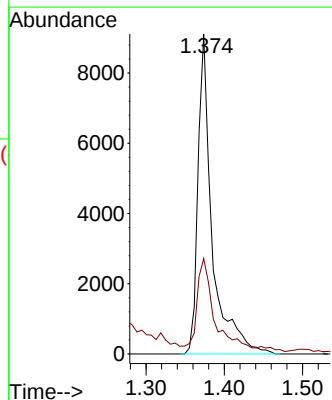
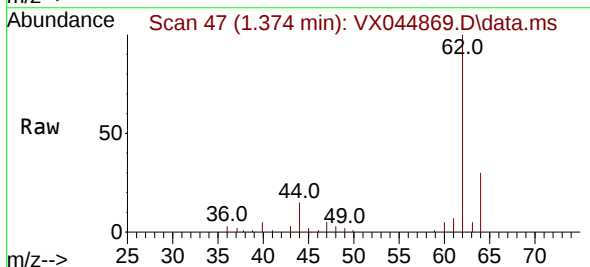
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#4
Vinyl Chloride
Concen: 5.113 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

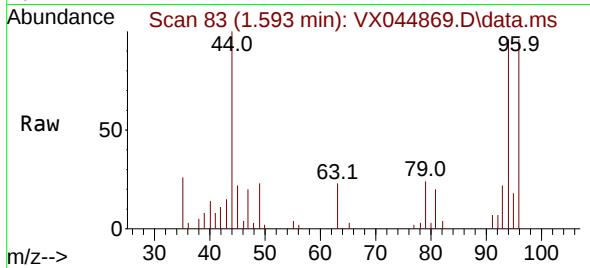
Tgt Ion: 62 Resp: 11509
Ion Ratio Lower Upper
62 100
64 28.4 25.4 38.0





#5
Bromomethane
Concen: 5.005 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

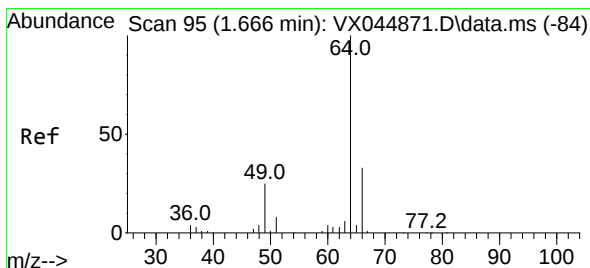
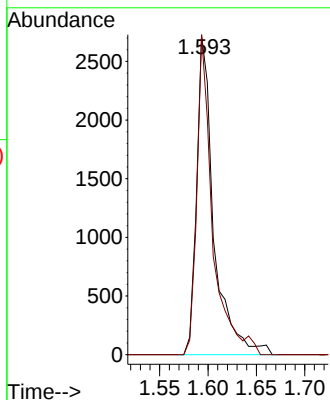
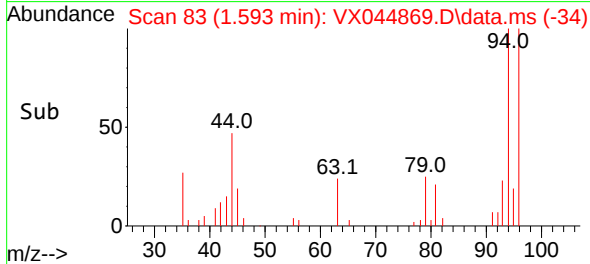
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 100.2 71.6 107.4

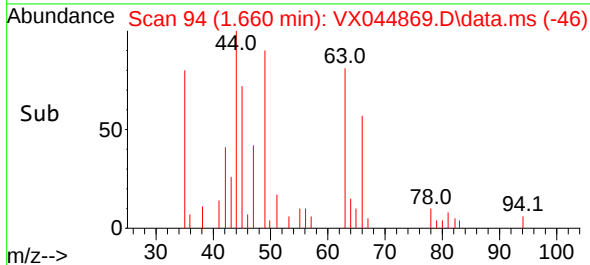
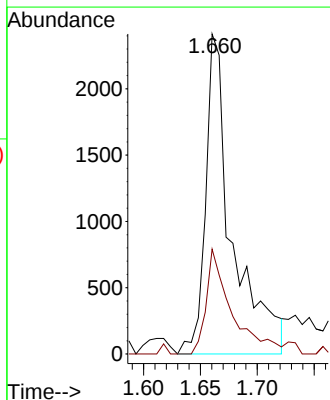
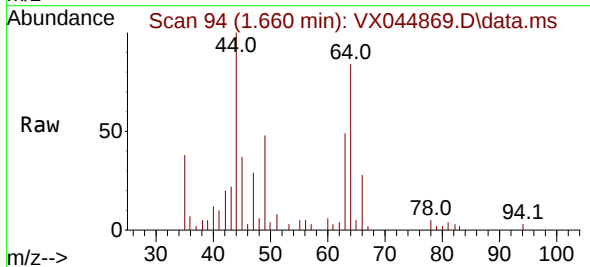
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#6
Chloroethane
Concen: 4.973 ug/l m
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion: 64 Resp: 3918
Ion Ratio Lower Upper
64 100
66 32.8 25.9 38.9





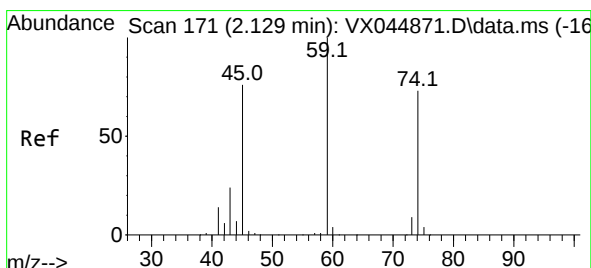
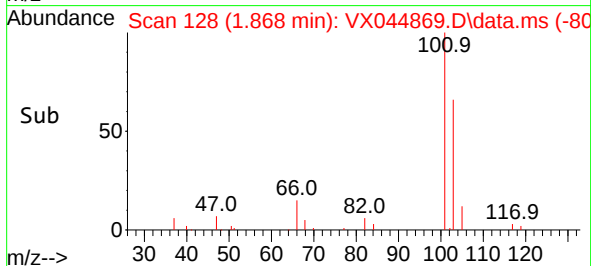
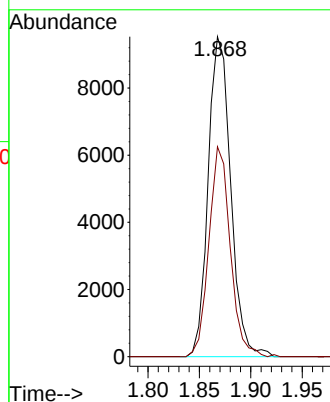
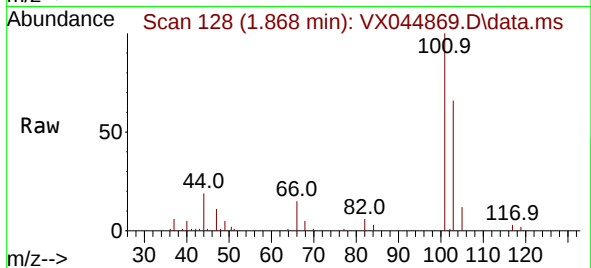
#7
Trichlorofluoromethane
Concen: 5.096 ug/l
RT: 1.868 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 14500
Ion Ratio Lower Upper
101 100
103 65.6 52.4 78.6

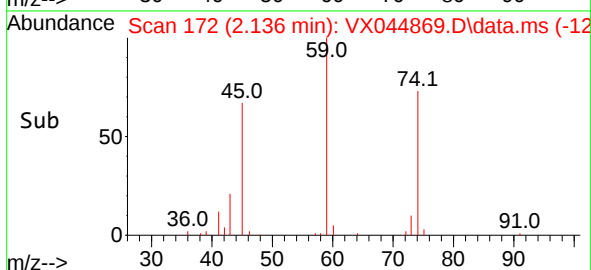
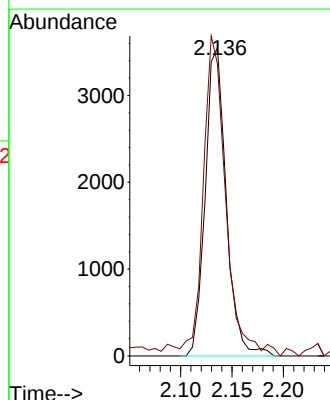
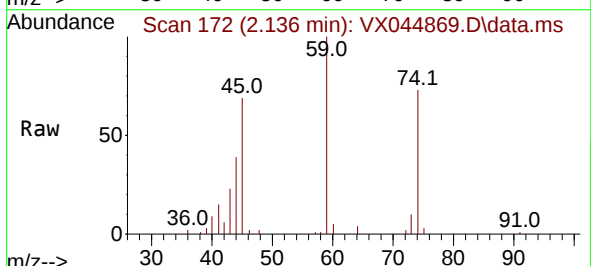
Manual Integrations
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#8
Diethyl Ether
Concen: 4.904 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion: 74 Resp: 5062
Ion Ratio Lower Upper
74 100
45 112.2 51.1 153.4





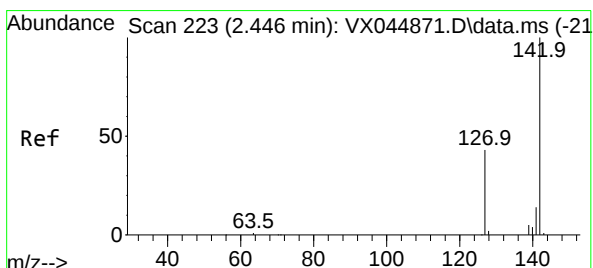
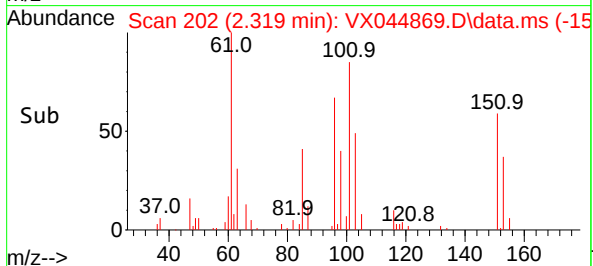
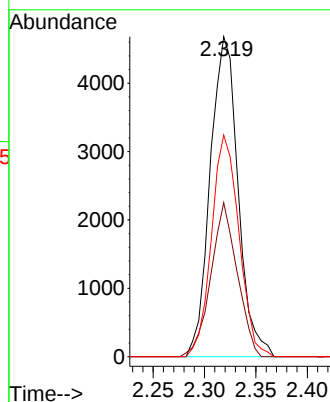
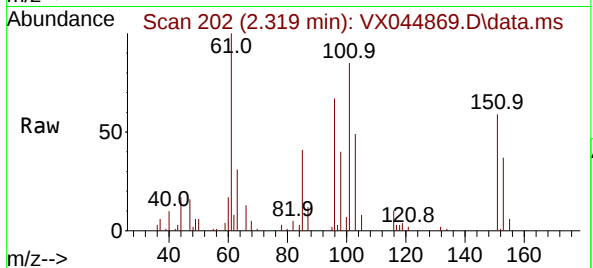
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.120 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 880
Ion Ratio Lower Upper
101 100
85 45.5 35.7 53.5
151 68.3 56.0 84.0

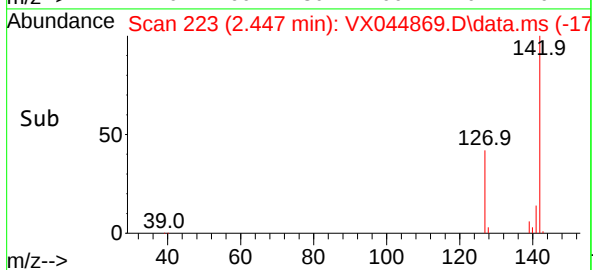
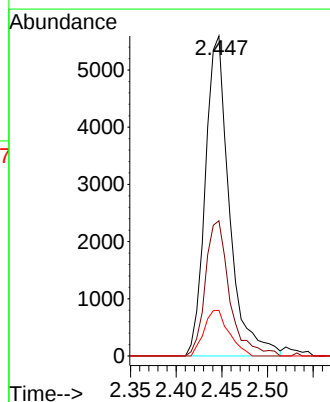
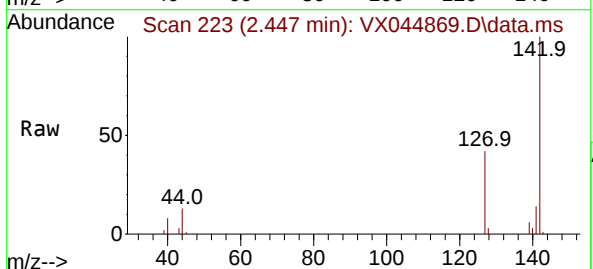
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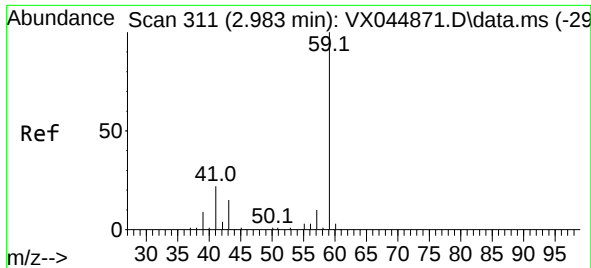
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 4.591 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

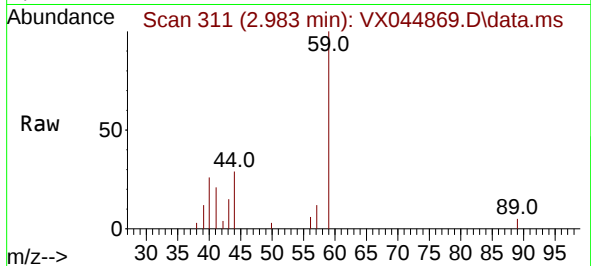
Tgt Ion:142 Resp: 10233
Ion Ratio Lower Upper
142 100
127 42.7 34.3 51.5
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 27.175 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

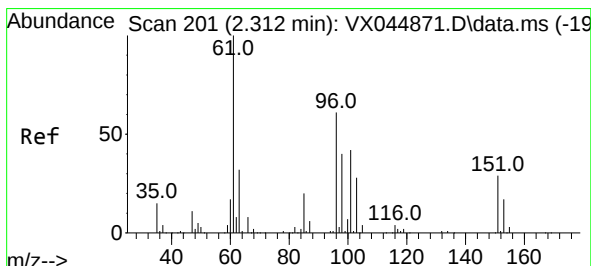
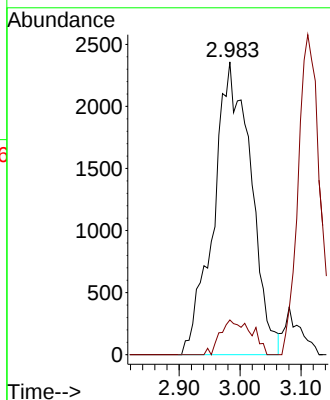
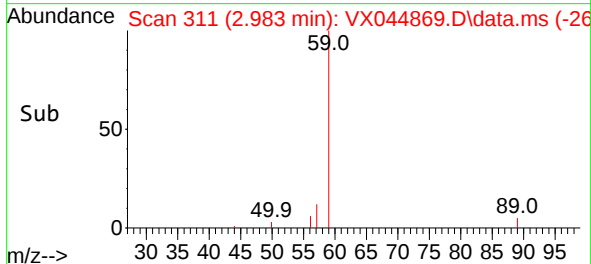
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



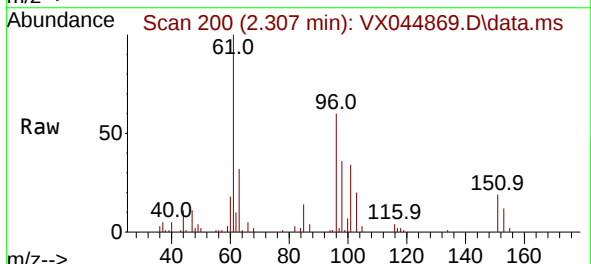
Tgt Ion: 59 Resp: 1004
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

Manual Integrations
APPROVED

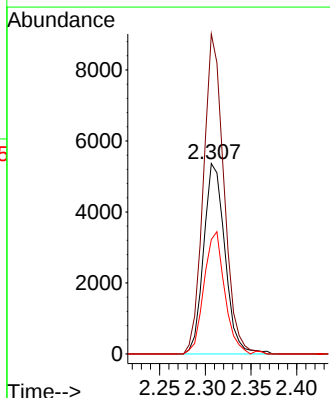
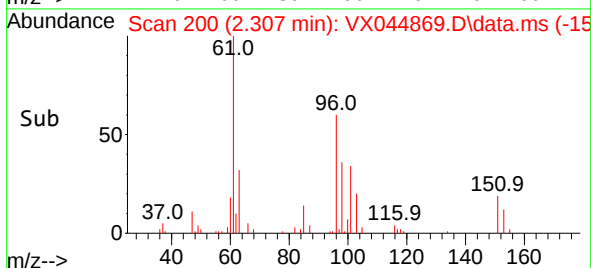
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

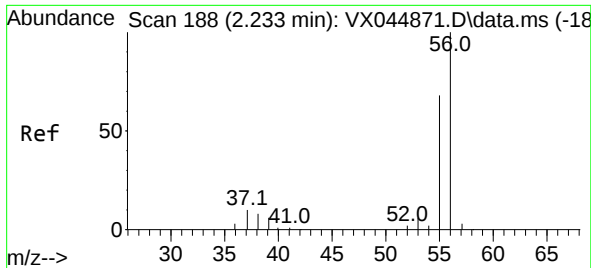


#12
1,1-Dichloroethene
Concen: 4.955 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



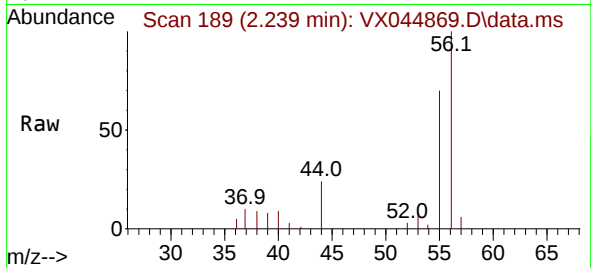
Tgt Ion: 96 Resp: 8692
Ion Ratio Lower Upper
96 100
61 168.0 130.2 195.4
98 60.1 52.2 78.4





#13
Acrolein
Concen: 25.567 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

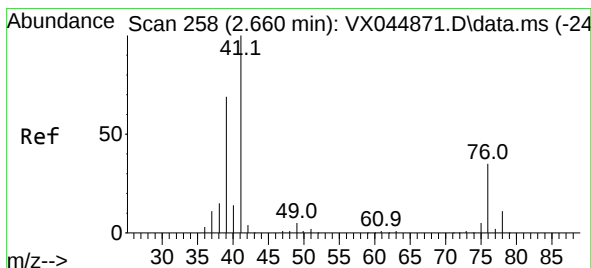
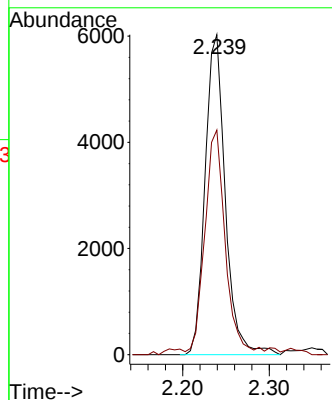
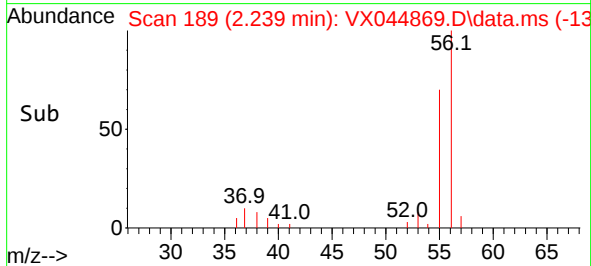
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



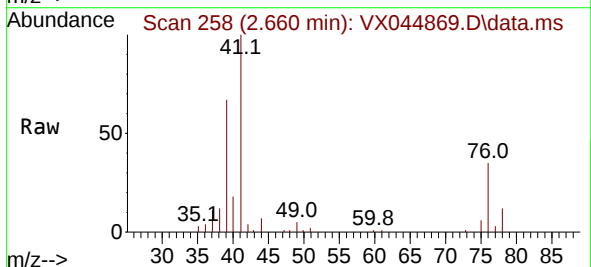
Tgt Ion: 56 Resp: 9750
Ion Ratio Lower Upper
56 100
55 71.6 55.7 83.5

Manual Integrations
APPROVED

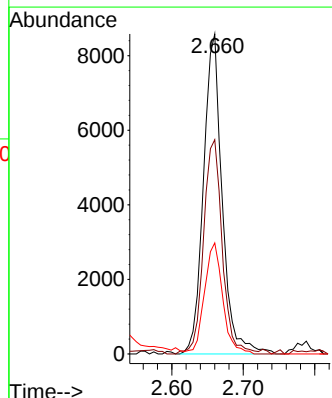
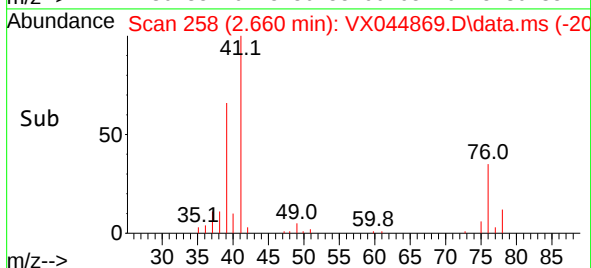
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

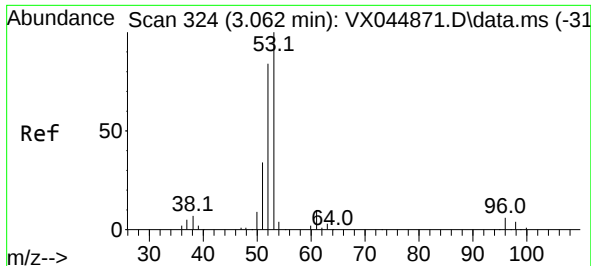


#14
Allyl chloride
Concen: 4.936 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



Tgt Ion: 41 Resp: 15649
Ion Ratio Lower Upper
41 100
39 66.7 51.4 77.2
76 33.9 27.0 40.4





#15

Acrylonitrile

Concen: 24.422 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

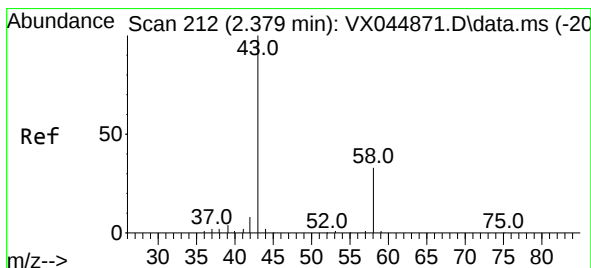
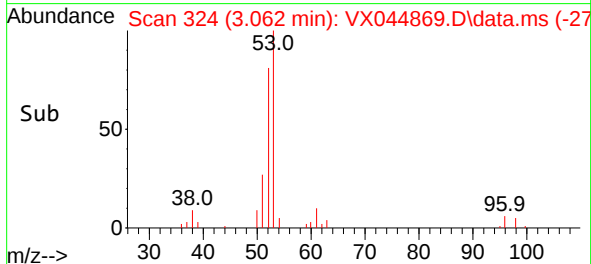
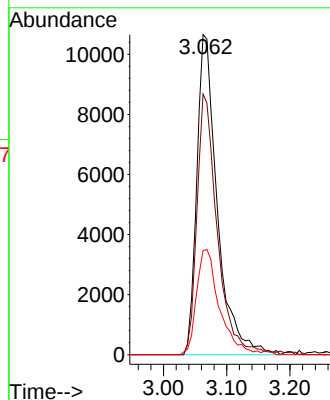
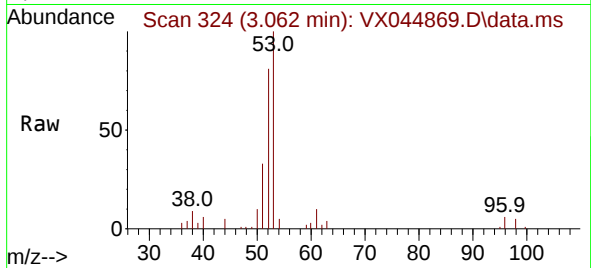
Tgt Ion: 53	Resp: 2410
Ion Ratio	Lower Upper
53 100	
52 80.3	65.0 97.6
51 36.6	28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#16

Acetone

Concen: 24.817 ug/l

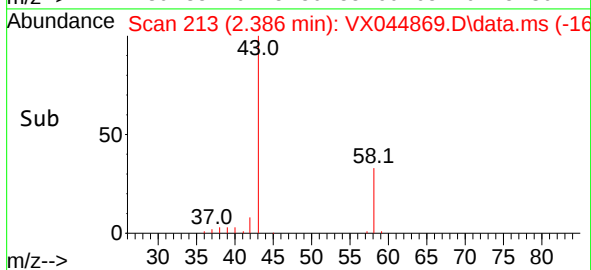
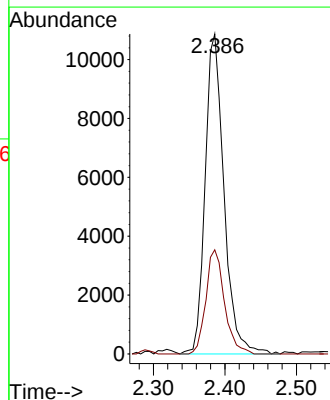
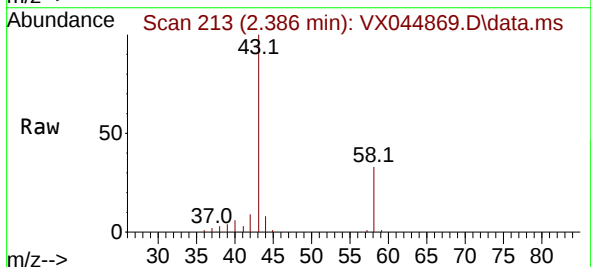
RT: 2.386 min Scan# 213

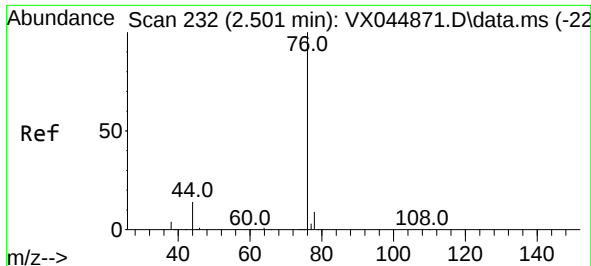
Delta R.T. 0.006 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Tgt Ion: 43	Resp: 19877
Ion Ratio	Lower Upper
43 100	
58 32.6	26.5 39.7





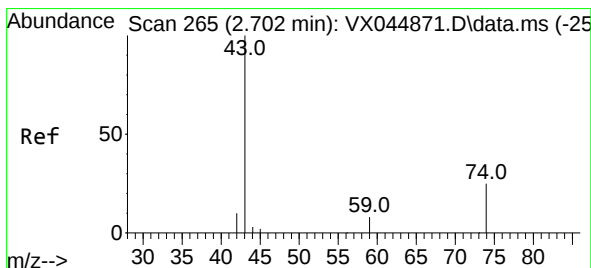
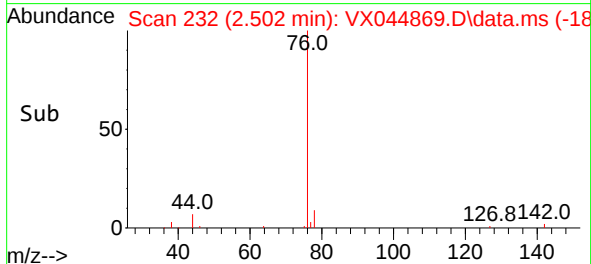
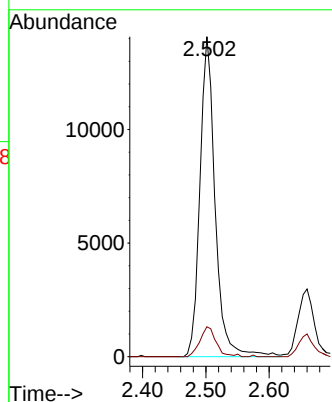
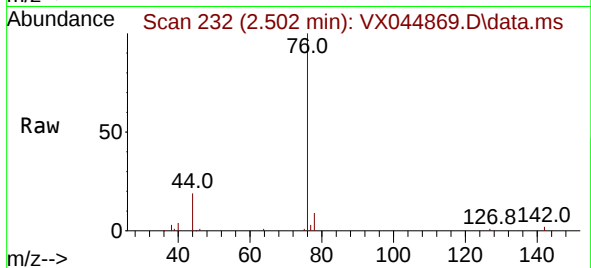
#17
Carbon Disulfide
Concen: 4.899 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 2356
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

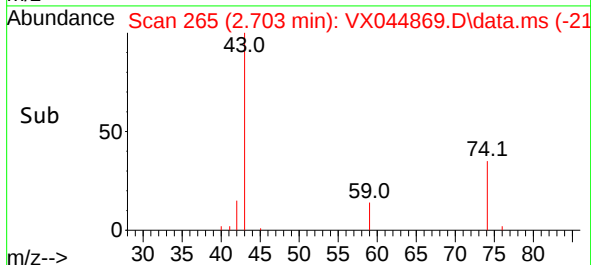
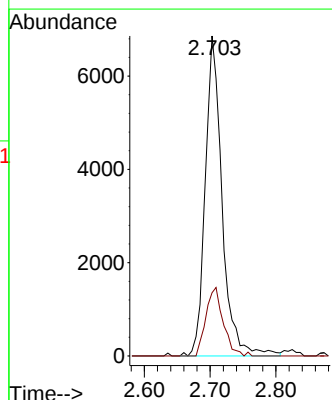
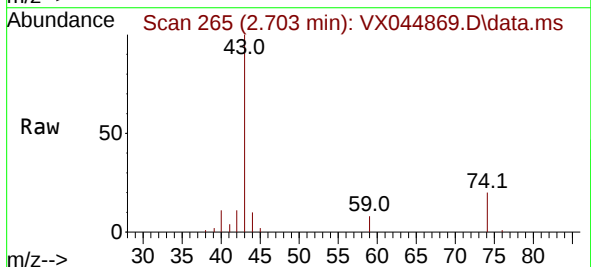
Manual Integrations
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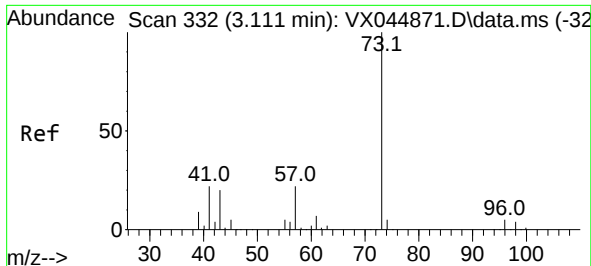
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#18
Methyl Acetate
Concen: 4.850 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion: 43 Resp: 12257
Ion Ratio Lower Upper
43 100
74 22.0 18.9 28.3





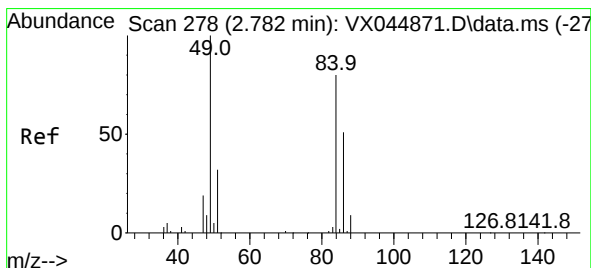
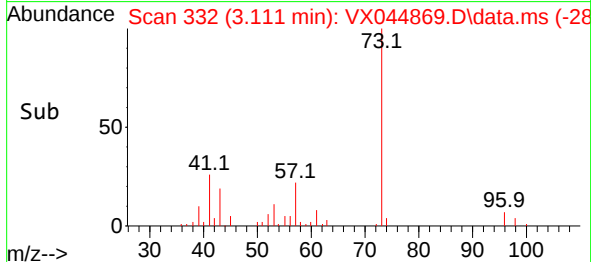
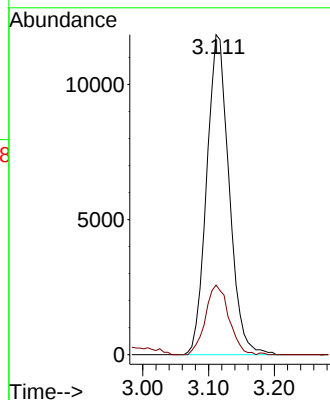
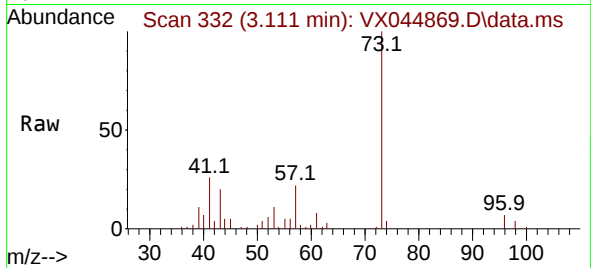
#19
Methyl tert-butyl Ether
Concen: 5.034 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 28100
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

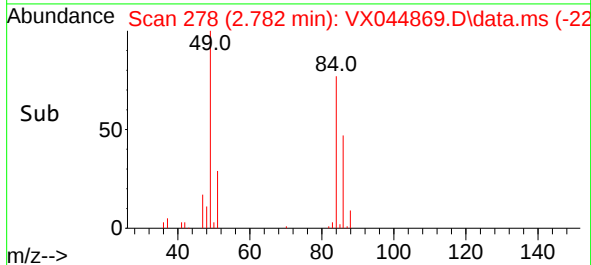
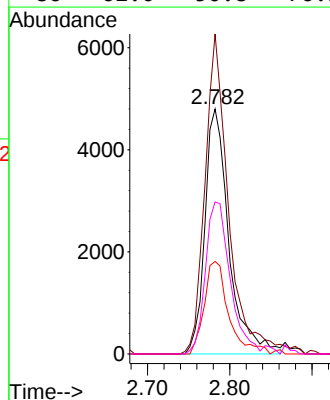
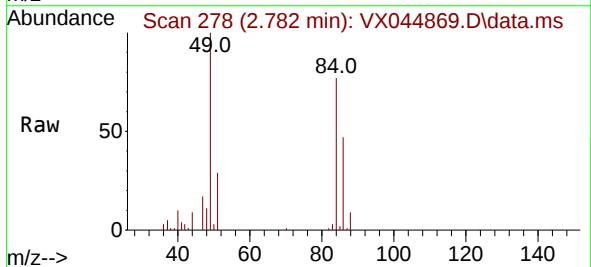
Manual Integrations
APPROVED

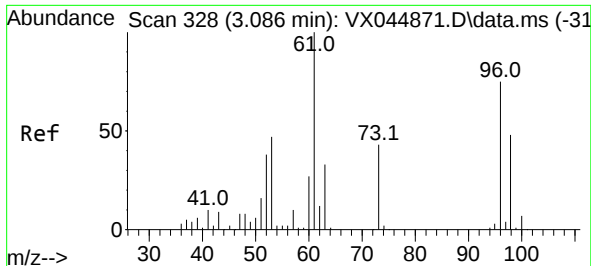
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 4.973 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

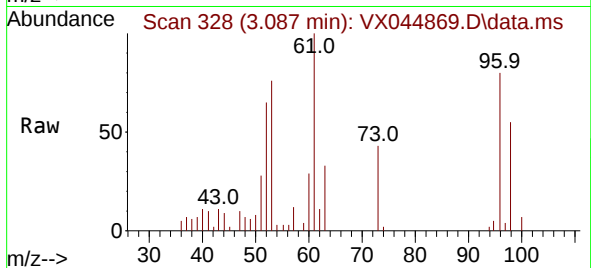
Tgt Ion: 84 Resp: 9757
Ion Ratio Lower Upper
84 100
49 130.7 100.1 150.1
51 37.7 31.7 47.5
86 62.0 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 4.906 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

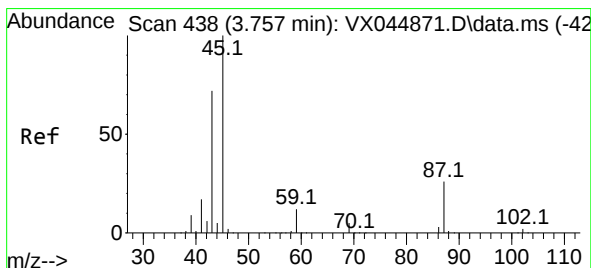
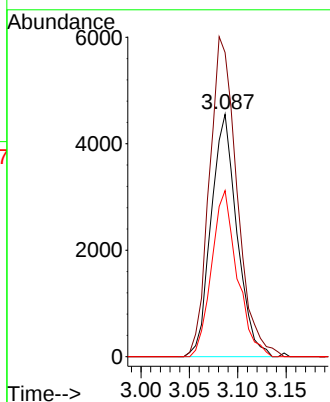
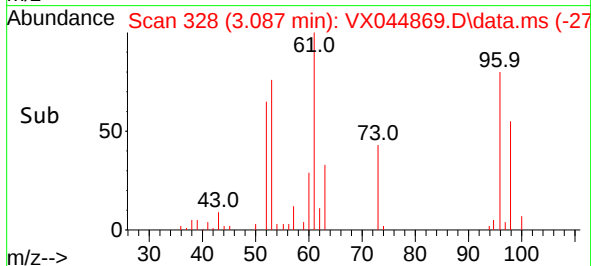
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



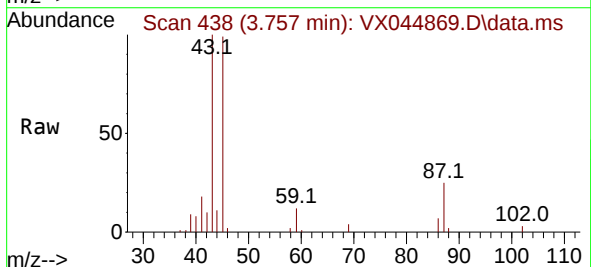
Tgt Ion: 96 Resp: 8470
Ion Ratio Lower Upper
96 100
61 125.5 106.0 159.0
98 68.5 50.6 76.0

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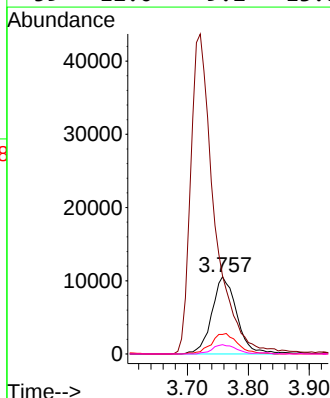
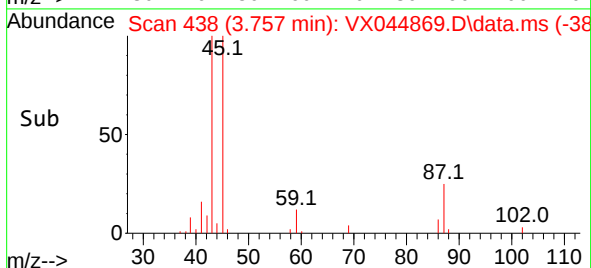
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#22
Diisopropyl ether
Concen: 4.963 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



Tgt Ion: 45 Resp: 29768
Ion Ratio Lower Upper
45 100
43 97.8 58.0 87.0#
87 25.2 20.7 31.1
59 12.0 9.2 13.8





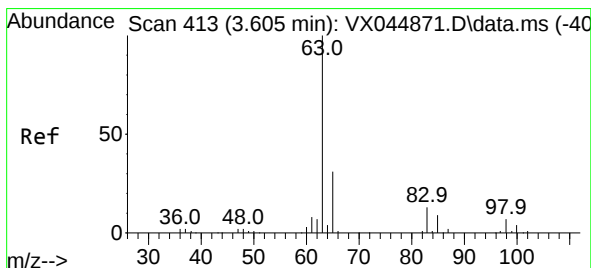
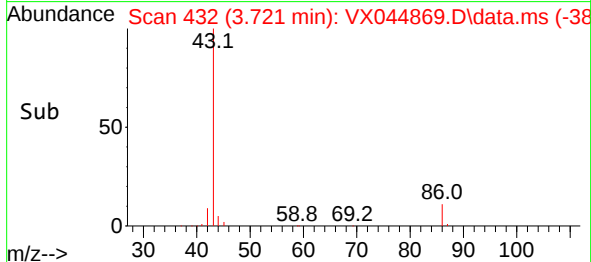
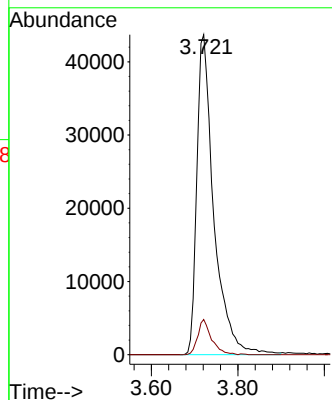
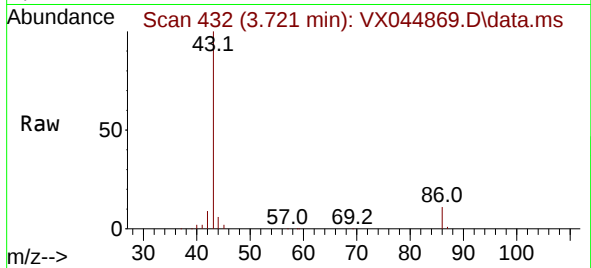
#23
 Vinyl Acetate
 Concen: 24.358 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX044869.D
 Acq: 10 Feb 2025 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 119108
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.3 12.5

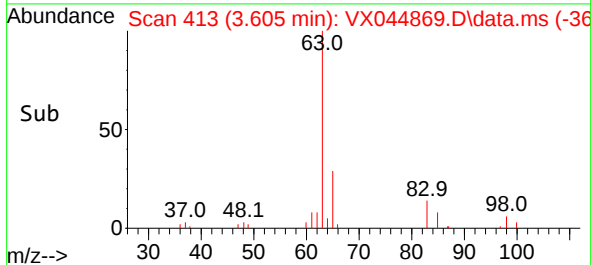
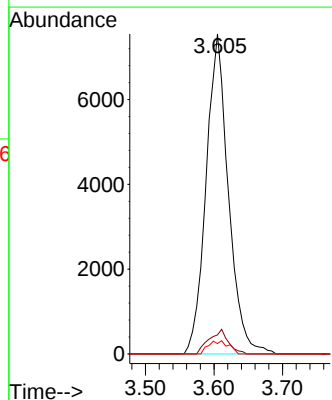
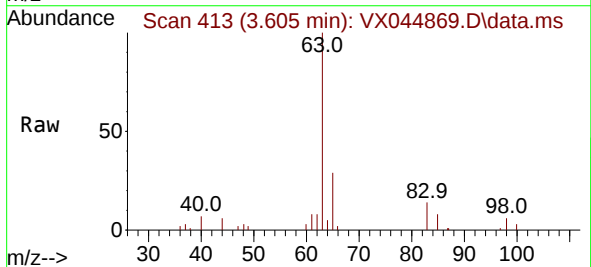
Manual Integrations
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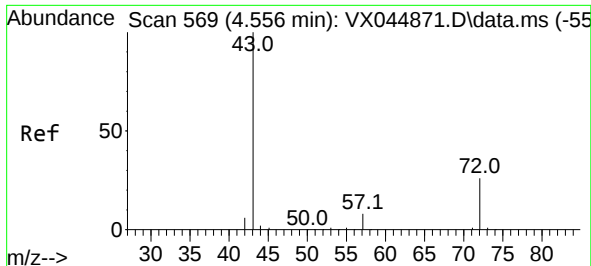
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#24
 1,1-Dichloroethane
 Concen: 5.099 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044869.D
 Acq: 10 Feb 2025 10:48

Tgt Ion: 63 Resp: 17113
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.2 2.1 6.5





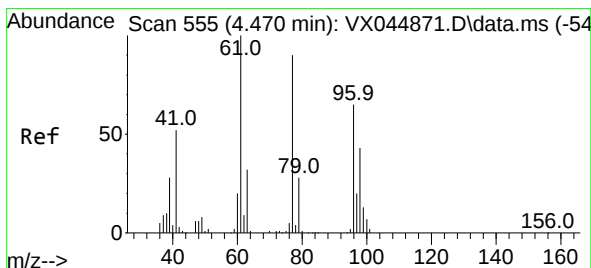
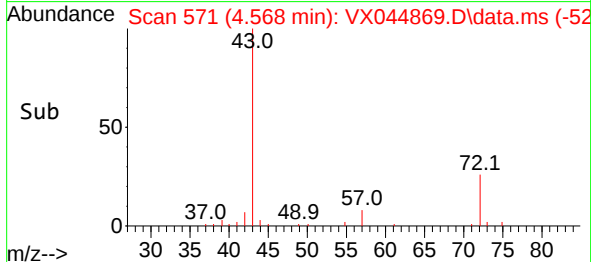
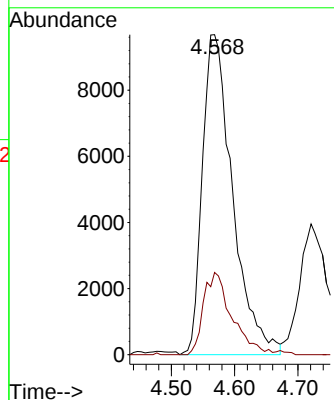
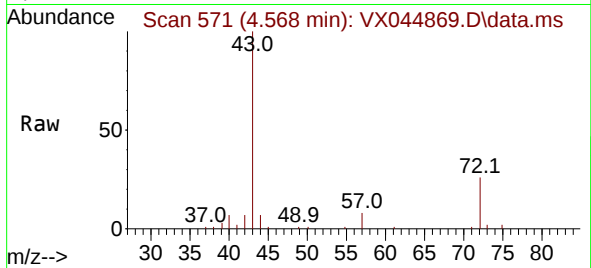
#25
2-Butanone
Concen: 24.698 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3212
Ion Ratio Lower Upper
43 100
72 25.7 21.2 31.8

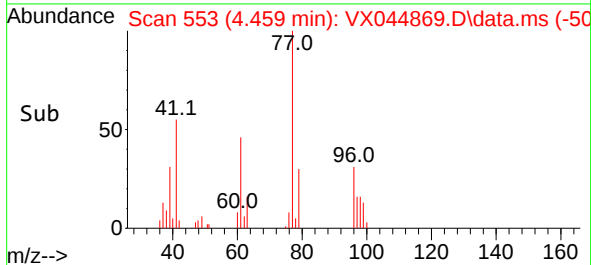
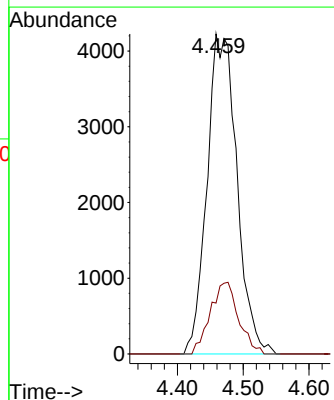
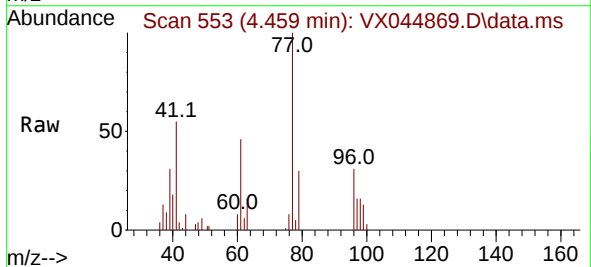
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 5.022 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion: 77 Resp: 13365
Ion Ratio Lower Upper
77 100
97 21.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 5.141 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 1066

Ion Ratio Lower Upper

96 100

61 140.8 0.0 294.0

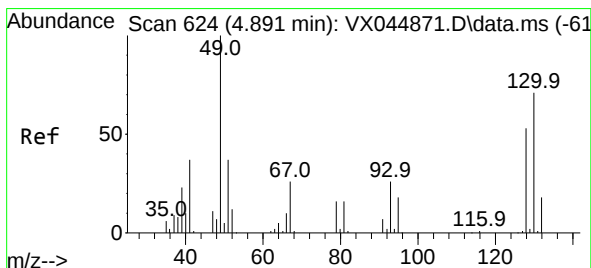
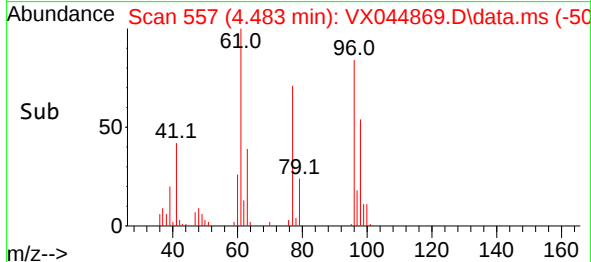
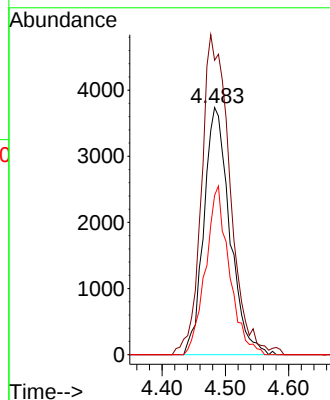
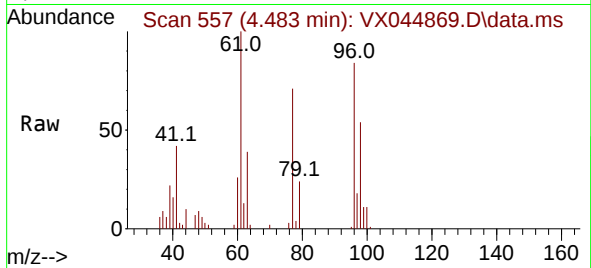
98 62.4 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#28

Bromochloromethane

Concen: 4.886 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

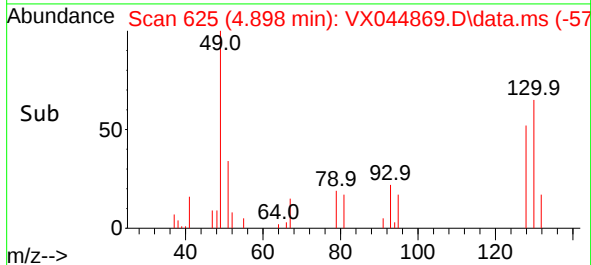
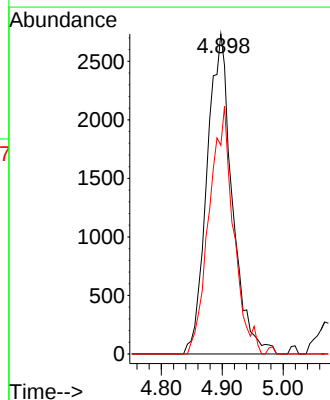
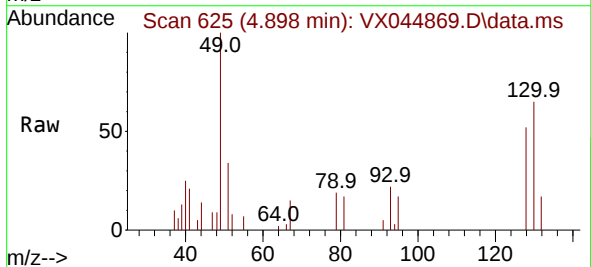
Tgt Ion: 49 Resp: 7881

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 74.4 56.7 85.1





#29

Tetrahydrofuran

Concen: 24.429 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.013 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

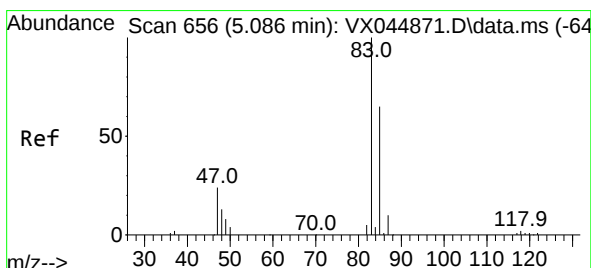
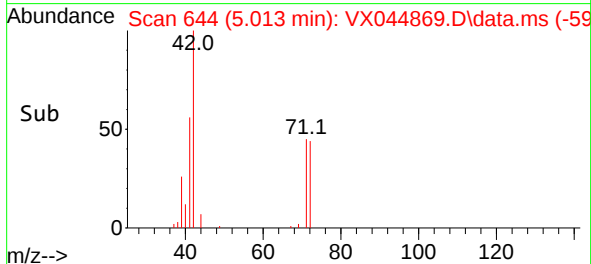
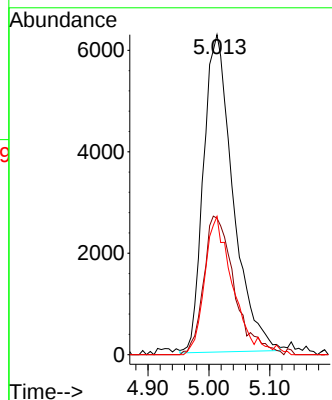
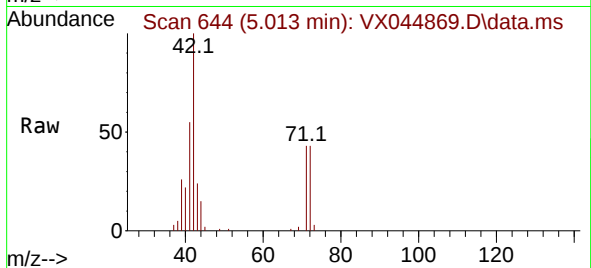
Tgt Ion: 42 Resp: 2109
 Ion Ratio Lower Upper
 42 100
 72 45.3 35.0 52.4
 71 41.6 32.6 48.8

Manual Integrations

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Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#30

Chloroform

Concen: 5.054 ug/l

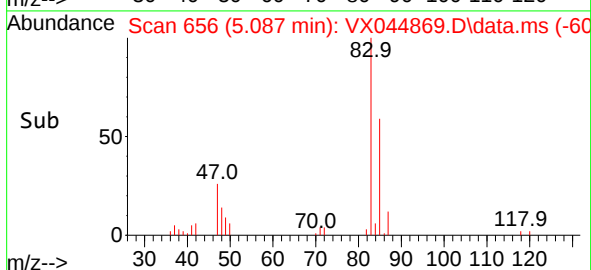
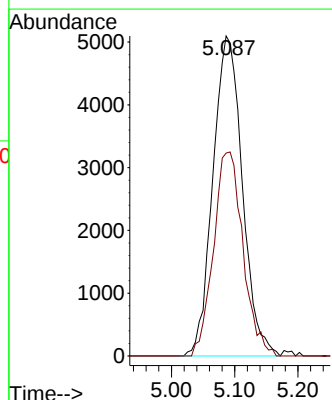
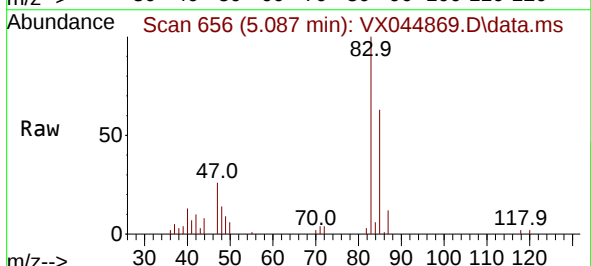
RT: 5.087 min Scan# 656

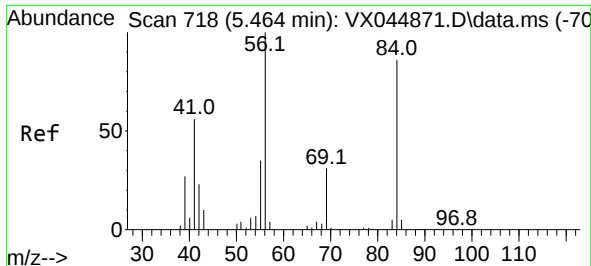
Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

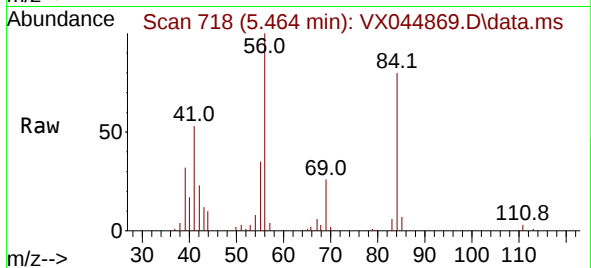
Tgt Ion: 83 Resp: 16449
 Ion Ratio Lower Upper
 83 100
 85 63.4 52.1 78.1





#31
Cyclohexane
Concen: 5.076 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

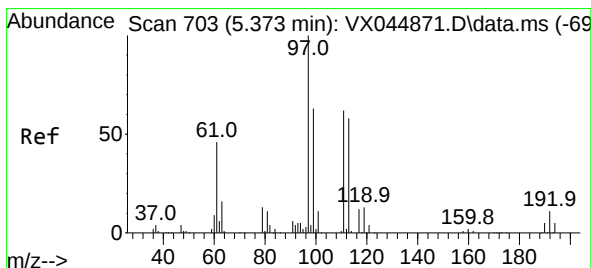
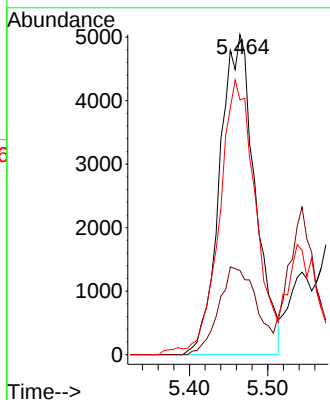
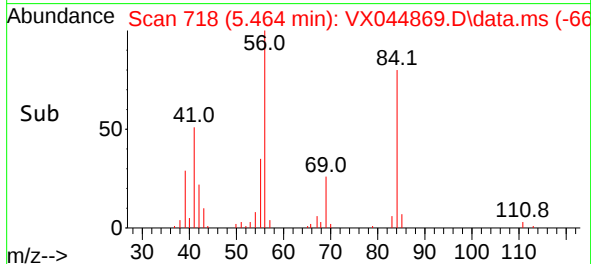
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



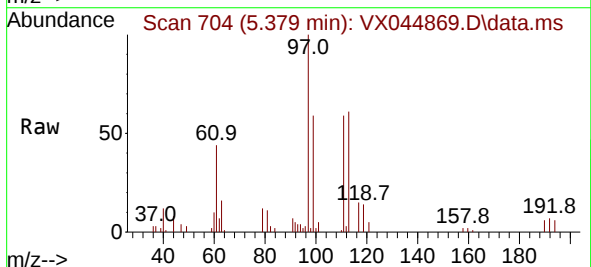
Tgt Ion: 56 Resp: 1570
Ion Ratio Lower Upper
56 100
69 26.3 24.4 36.6
84 77.4 69.0 103.6

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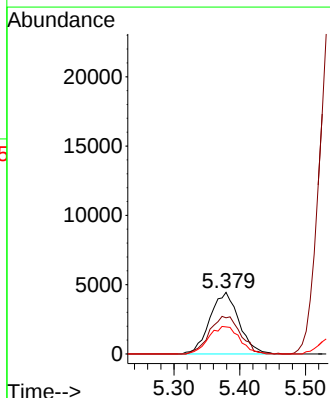
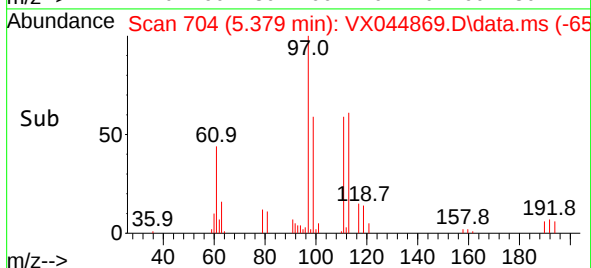
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

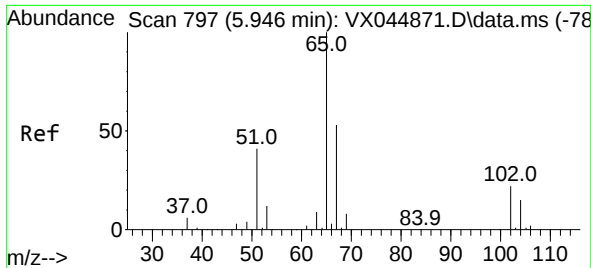


#32
1,1,1-Trichloroethane
Concen: 4.947 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



Tgt Ion: 97 Resp: 13658
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 47.3 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 5.219 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

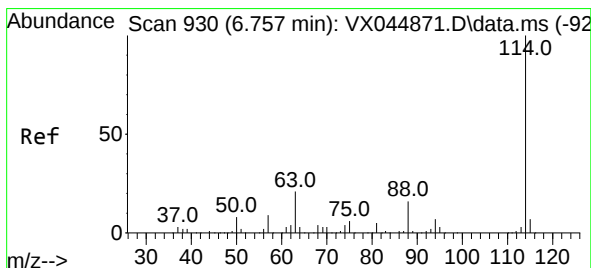
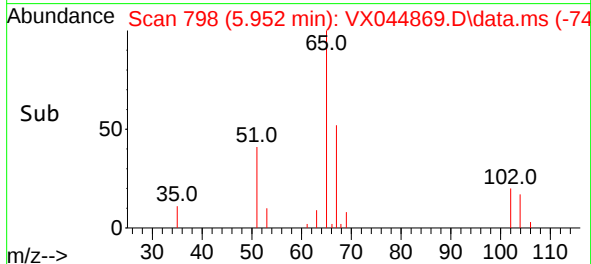
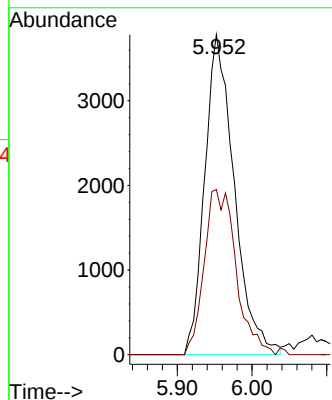
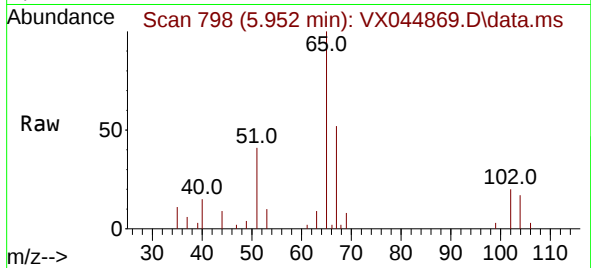
VSTDIC005

Tgt Ion: 65 Resp: 1039
Ion Ratio Lower Upper
65 100
67 55.6 0.0 108.2

Manual Integrations

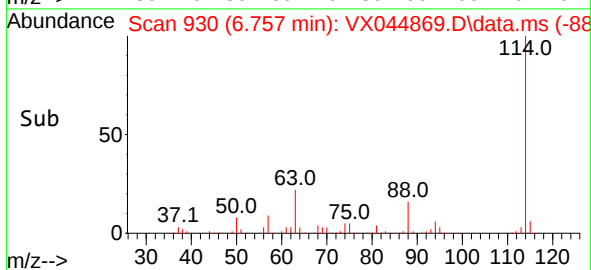
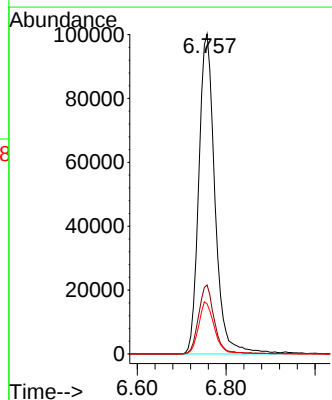
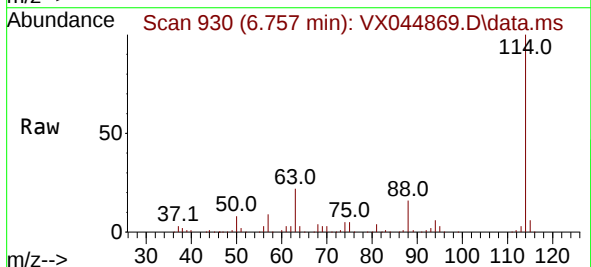
APPROVED

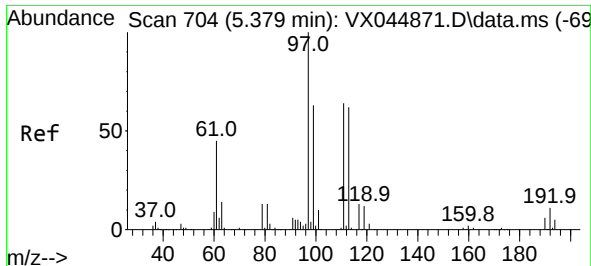
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

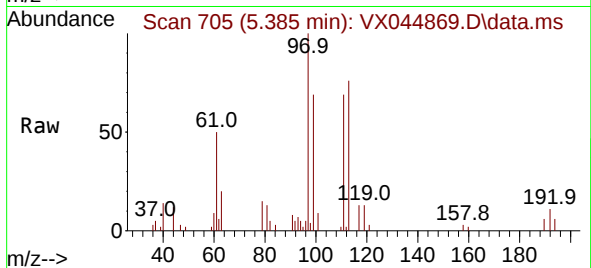
Tgt Ion:114 Resp: 253314
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 15.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 5.150 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

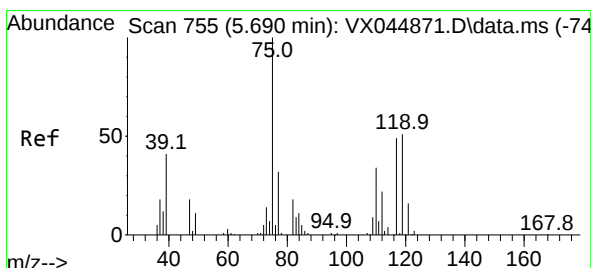
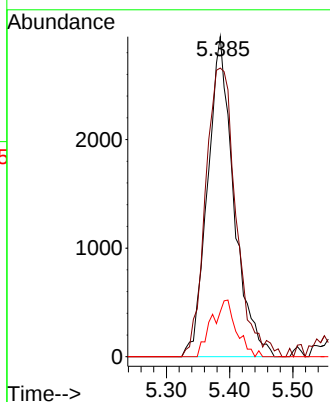
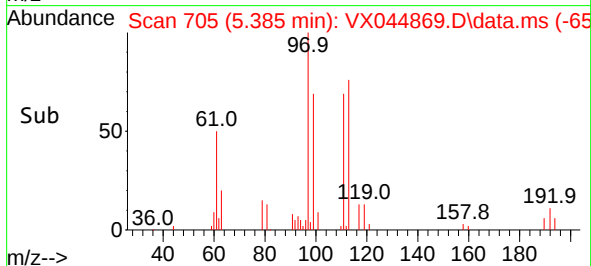
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 113 Resp: 848
Ion Ratio Lower Upper
113 100
111 104.6 83.5 125.3
192 16.7 14.4 21.6

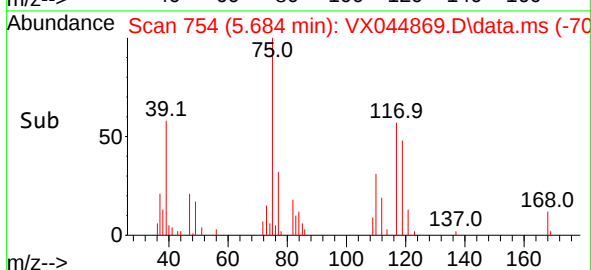
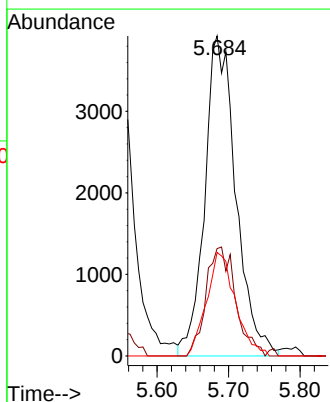
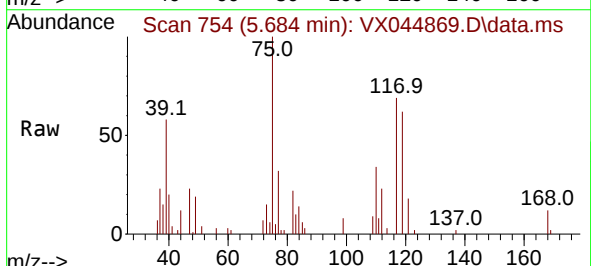
Manual Integrations
APPROVED

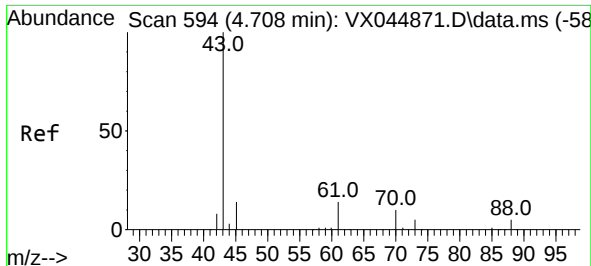
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion: 75 Resp: 11835
Ion Ratio Lower Upper
75 100
110 32.4 17.2 51.6
77 30.0 24.6 37.0





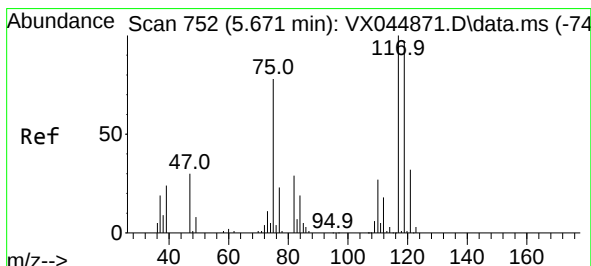
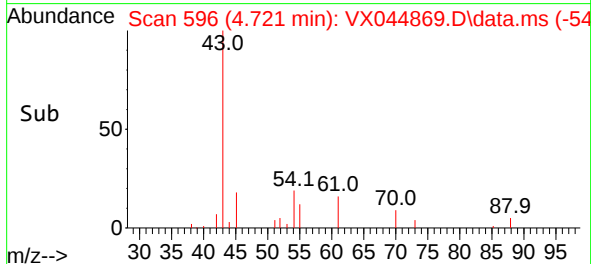
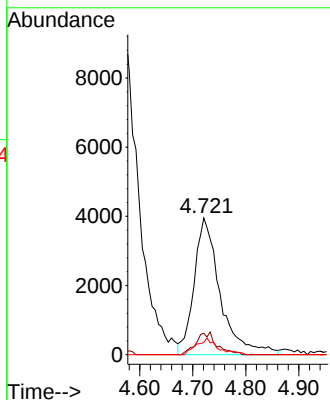
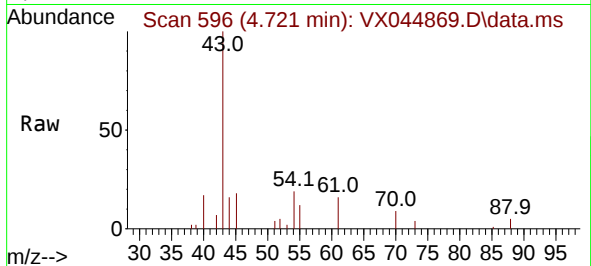
#37
Ethyl Acetate
Concen: 5.122 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.013 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 13530
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.4
70 9.8 8.2 12.2

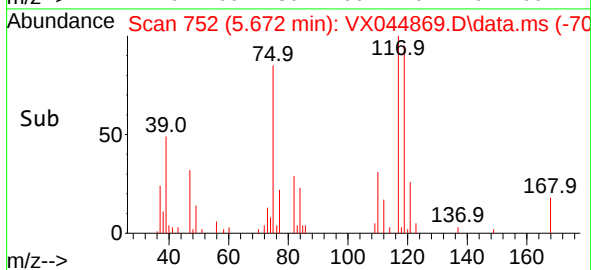
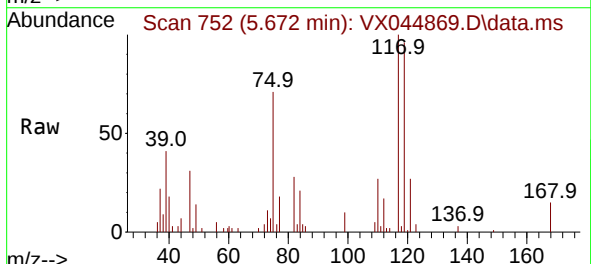
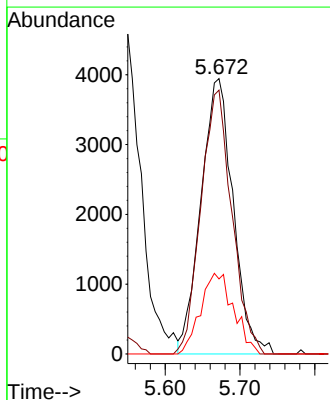
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion:117 Resp: 11797
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
121 27.2 25.6 38.4





#39

Methylcyclohexane

Concen: 4.711 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 1447

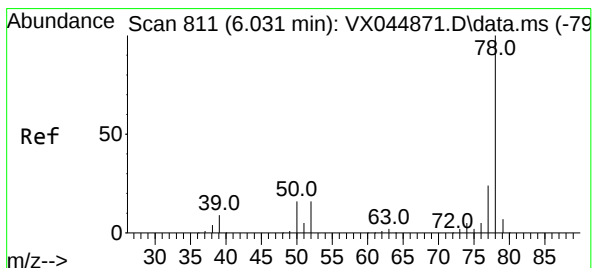
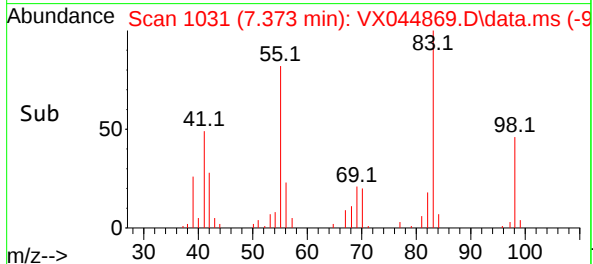
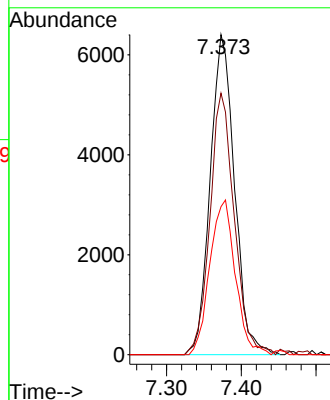
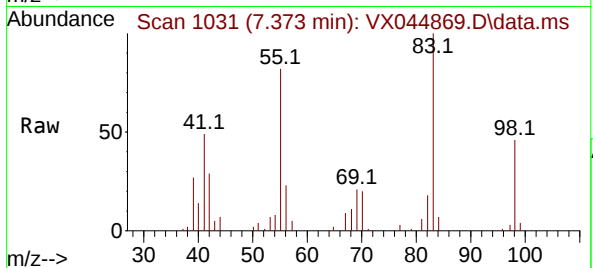
Ion	Ratio	Lower	Upper
83	100		
55	81.7	61.3	91.9
98	46.3	37.0	55.6

Manual Integrations

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Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#40

Benzene

Concen: 5.079 ug/l

RT: 6.038 min Scan# 812

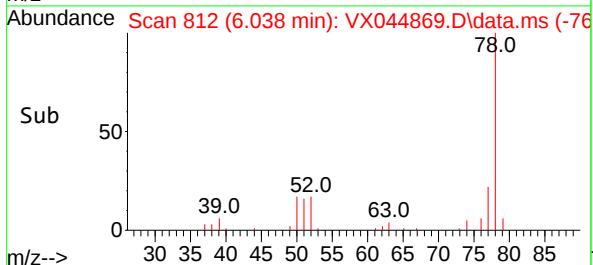
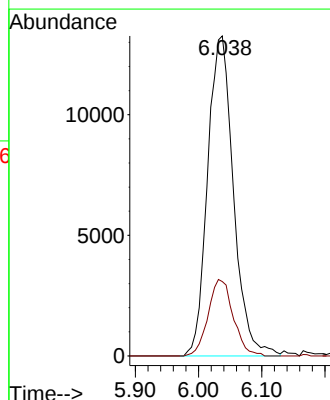
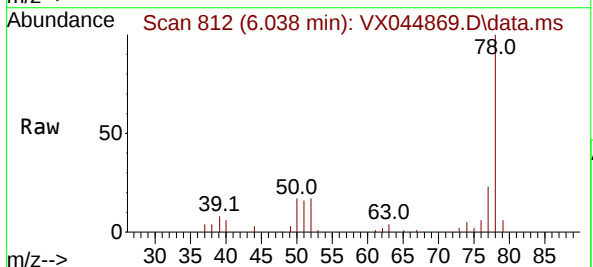
Delta R.T. 0.006 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Tgt Ion: 78 Resp: 37687

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





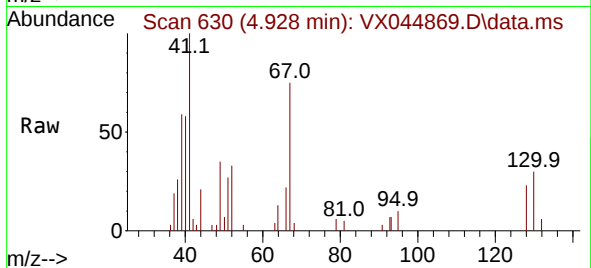
#41
Methacrylonitrile
Concen: 4.699 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



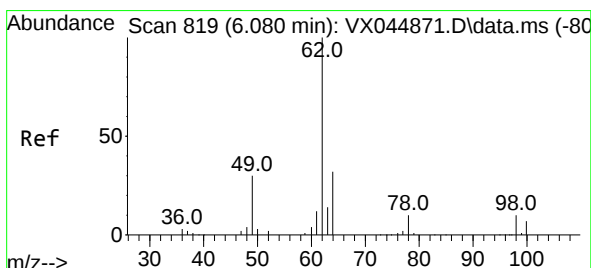
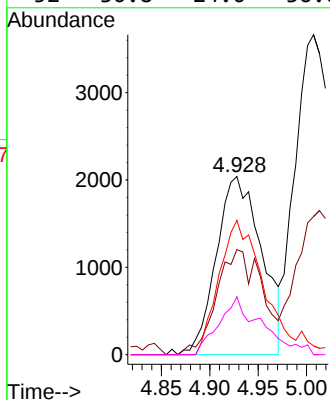
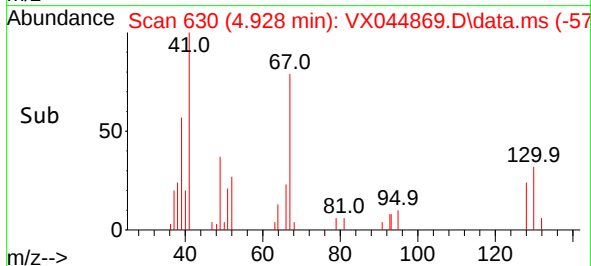
Tgt Ion: 41 Resp: 664
Ion Ratio Lower Upper
41 100
39 59.4 43.1 64.7
67 72.7 57.0 85.6
52 30.8 24.0 36.0

Manual Integrations

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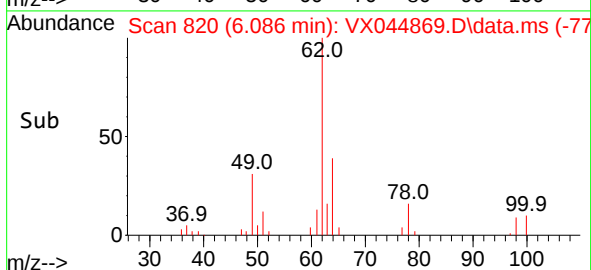
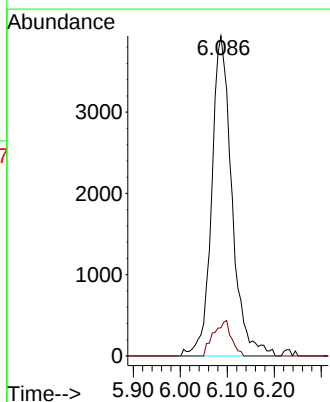
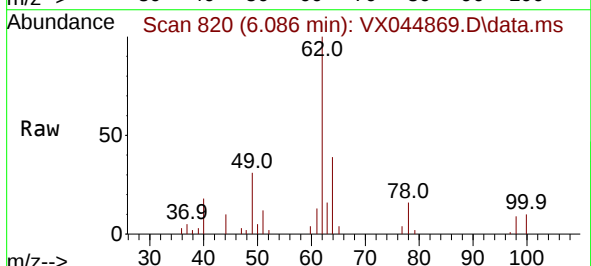
Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#42
1,2-Dichloroethane
Concen: 4.985 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

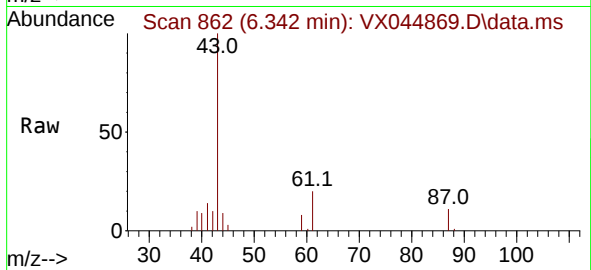
Tgt Ion: 62 Resp: 11789
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 4.640 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

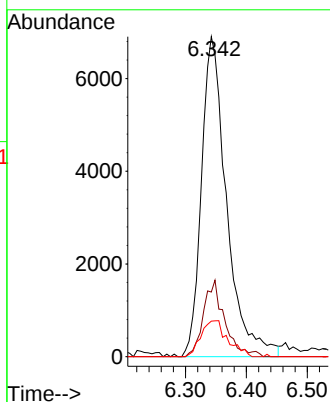
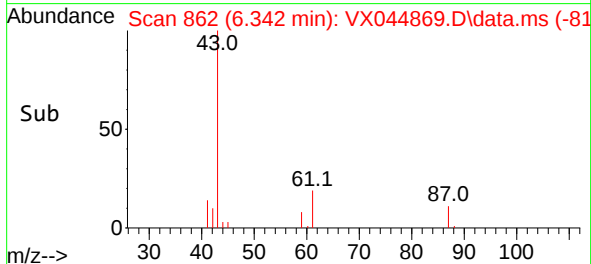
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
61 20.2 15.8 23.8
87 11.9 10.0 15.0

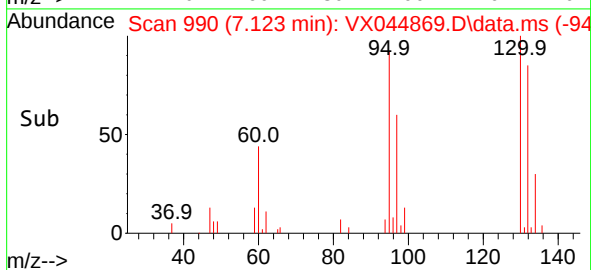
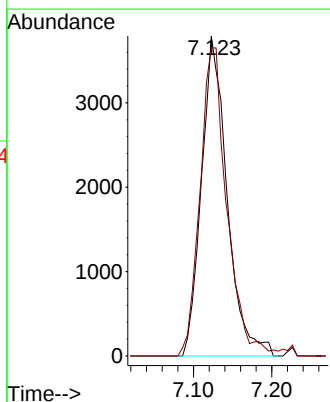
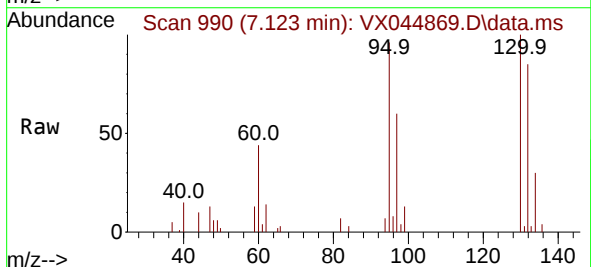
Manual Integrations
APPROVED

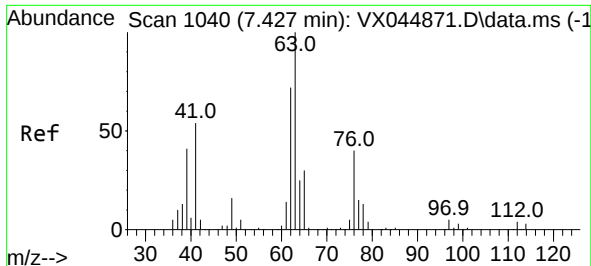
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#44
Trichloroethene
Concen: 5.079 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion:130 Resp: 8614
Ion Ratio Lower Upper
130 100
95 96.2 0.0 202.4





#45

1,2-Dichloropropane

Concen: 4.863 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

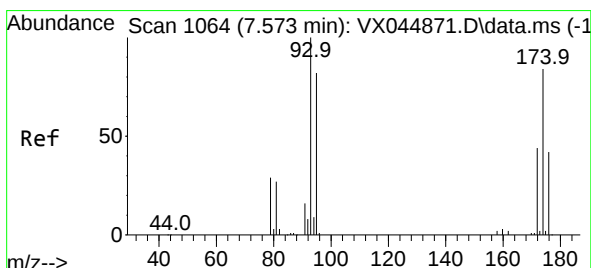
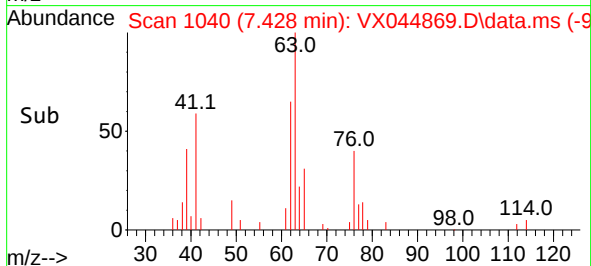
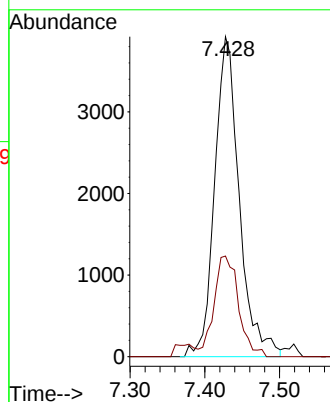
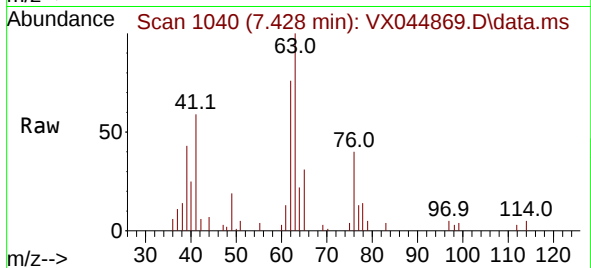
Tgt Ion: 63 Resp: 8970
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#46

Dibromomethane

Concen: 4.851 ug/l

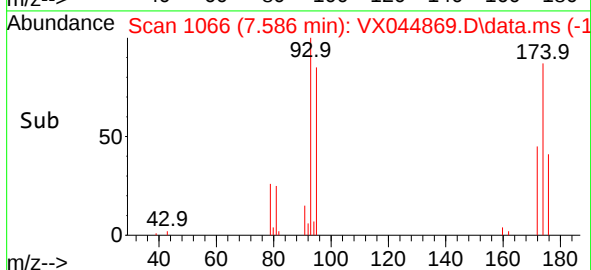
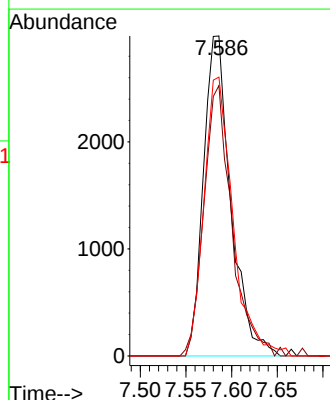
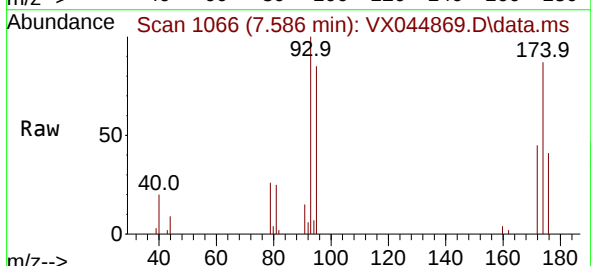
RT: 7.586 min Scan# 1066

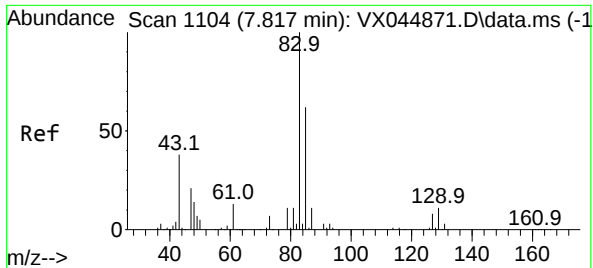
Delta R.T. 0.013 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Tgt Ion: 93 Resp: 6210
 Ion Ratio Lower Upper
 93 100
 95 86.4 66.2 99.4
 174 92.2 69.9 104.9





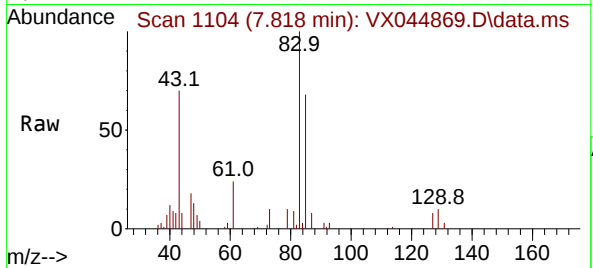
#47
Bromodichloromethane
Concen: 4.911 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



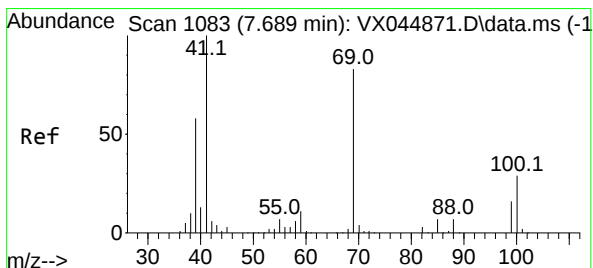
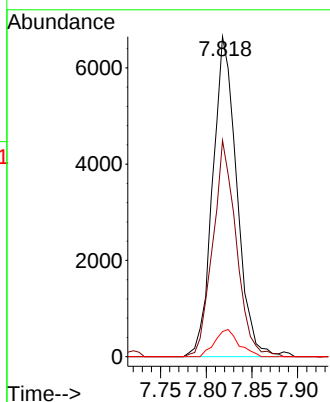
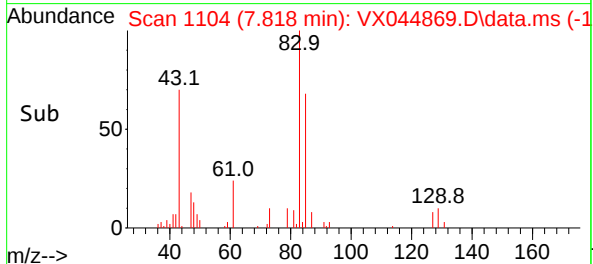
Tgt Ion: 83 Resp: 1217
Ion Ratio Lower Upper
83 100
85 67.6 50.0 75.0
127 7.8 6.4 9.6

Manual Integrations

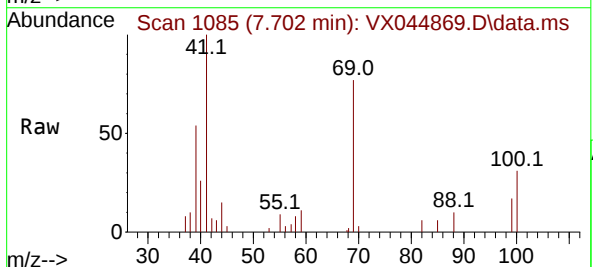
APPROVED

Reviewed By :John Carlone 02/11/2025

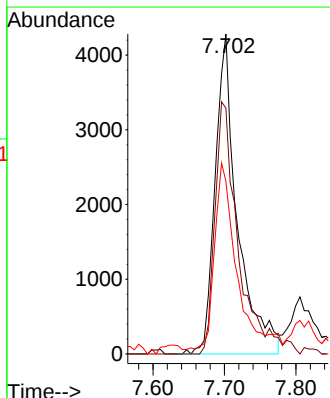
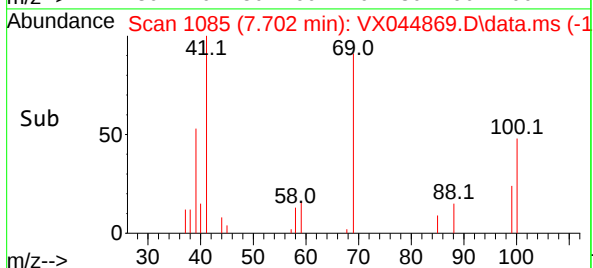
Supervised By :Mahesh Dadoda 02/11/2025

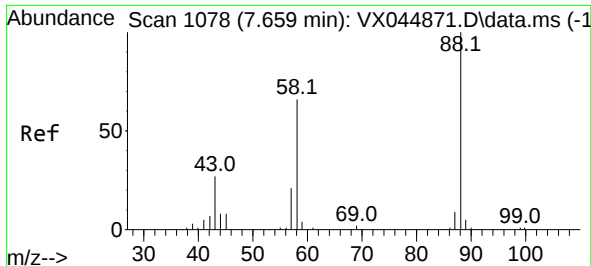


#48
Methyl methacrylate
Concen: 4.620 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.013 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



Tgt Ion: 41 Resp: 9298
Ion Ratio Lower Upper
41 100
69 83.0 65.8 98.8
39 54.6 46.4 69.6





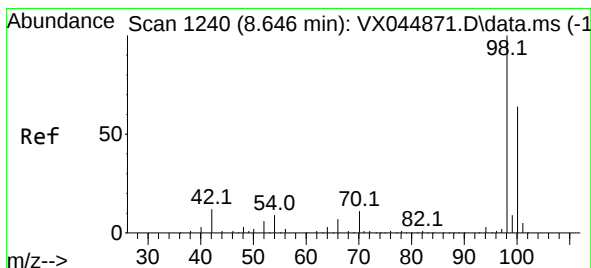
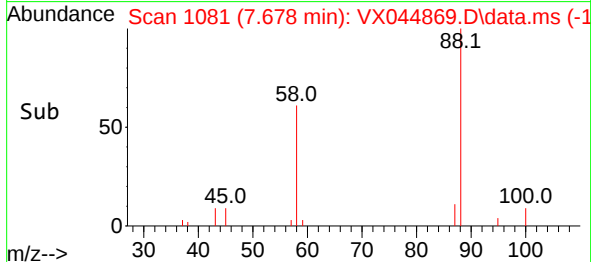
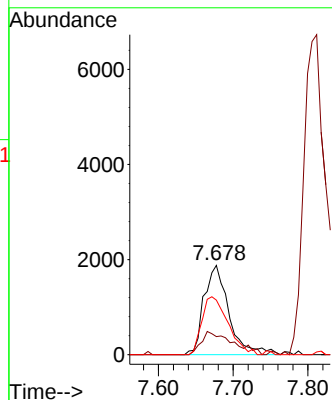
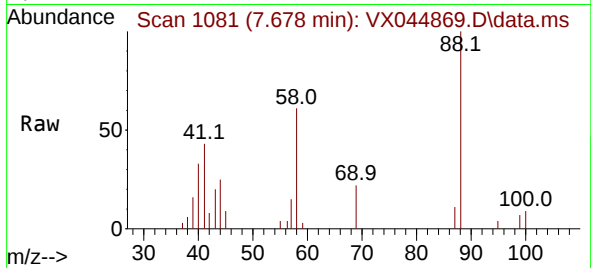
#49
1,4-Dioxane
Concen: 101.099 ug/l
RT: 7.678 min Scan# 1078
Delta R.T. 0.019 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 436
Ion Ratio Lower Upper
88 100
43 32.3 26.6 39.8
58 67.9 55.9 83.9

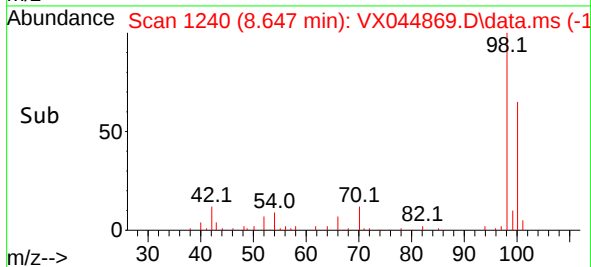
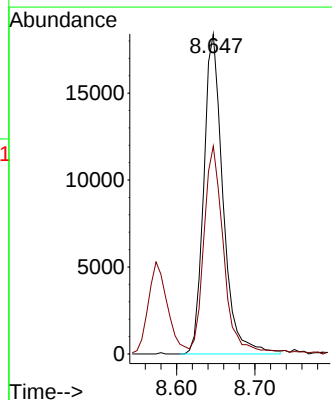
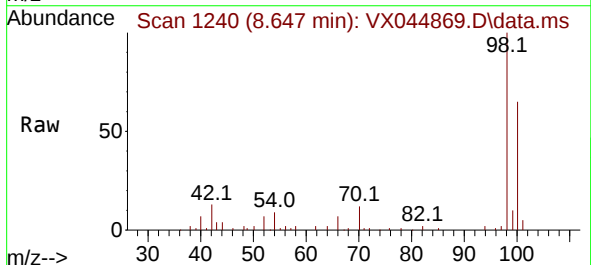
Manual Integrations
APPROVED

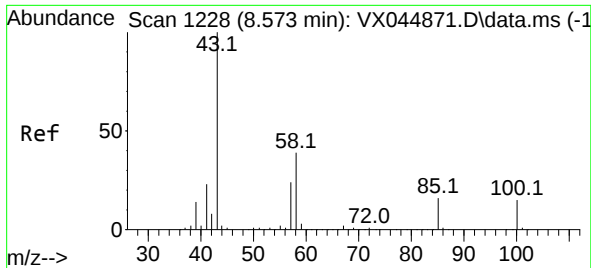
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#50
Toluene-d8
Concen: 5.039 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

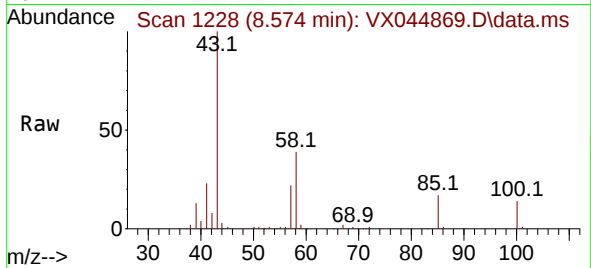
Tgt Ion: 98 Resp: 31381
Ion Ratio Lower Upper
98 100
100 67.8 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 25.076 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

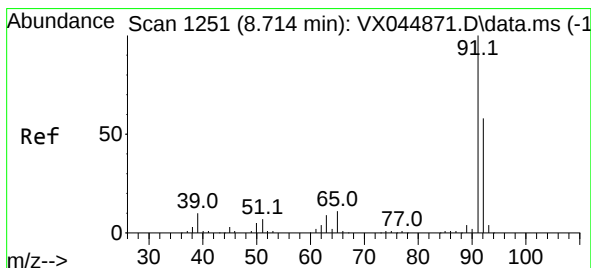
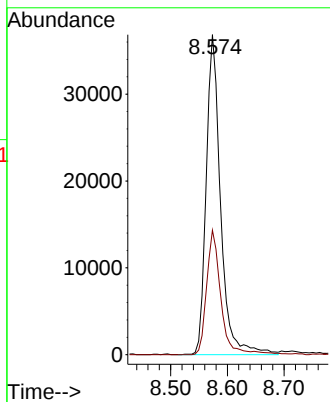
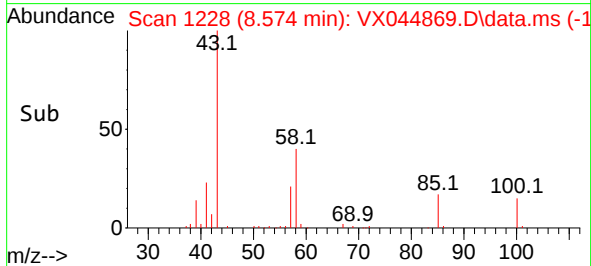
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 65064
Ion Ratio Lower Upper
43 100
58 38.7 30.8 46.2

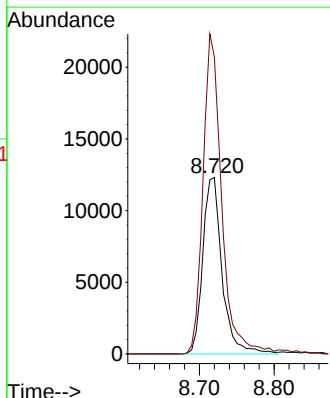
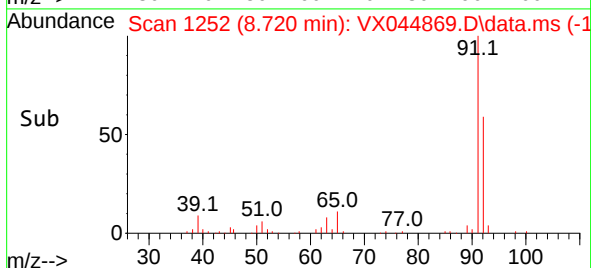
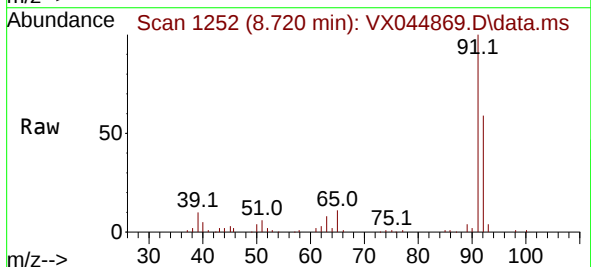
Manual Integrations
APPROVED

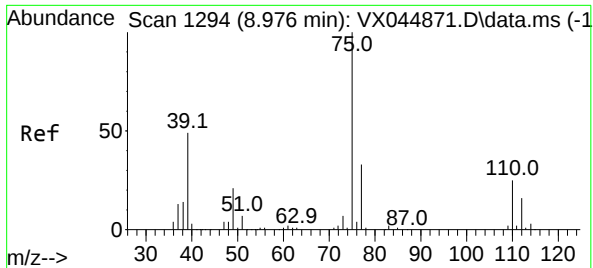
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#52
Toluene
Concen: 4.999 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion: 92 Resp: 22090
Ion Ratio Lower Upper
92 100
91 177.1 137.4 206.2





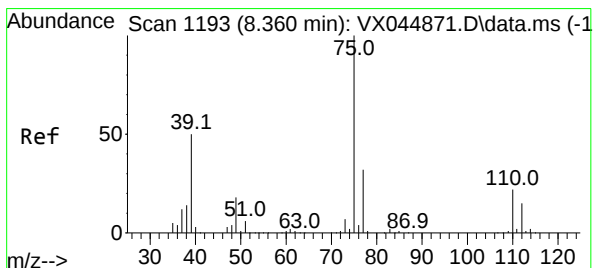
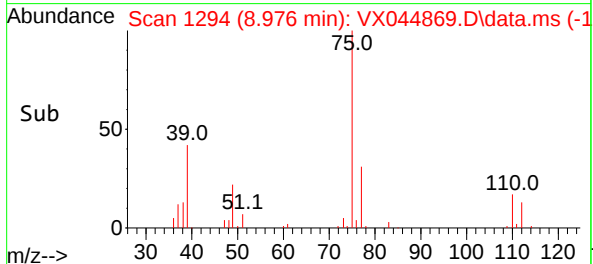
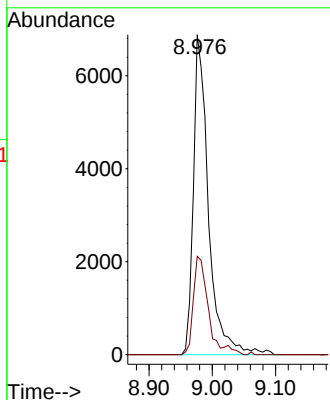
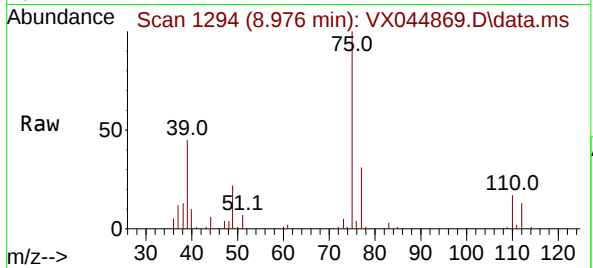
#53
t-1,3-Dichloropropene
Concen: 4.550 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 1141
Ion Ratio Lower Upper
75 100
77 30.7 26.0 39.0

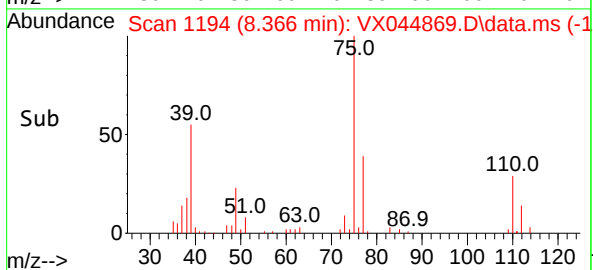
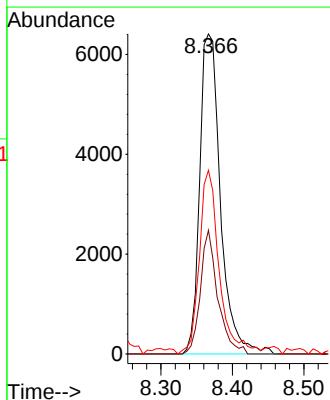
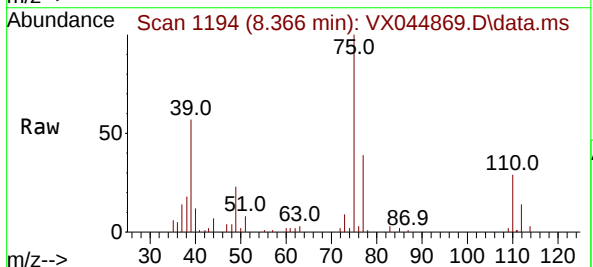
Manual Integrations
APPROVED

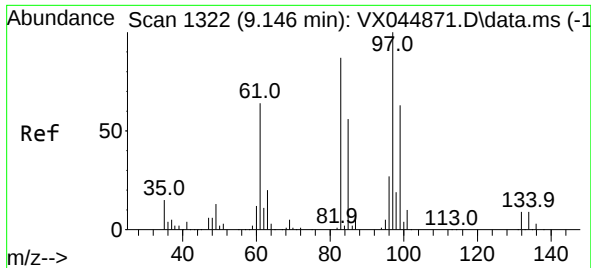
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#54
cis-1,3-Dichloropropene
Concen: 4.628 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

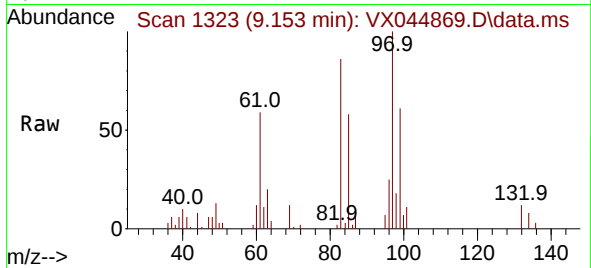
Tgt Ion: 75 Resp: 12943
Ion Ratio Lower Upper
75 100
77 38.7 25.3 37.9#
39 57.4 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 5.099 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

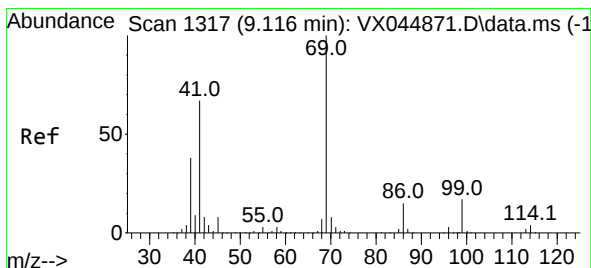
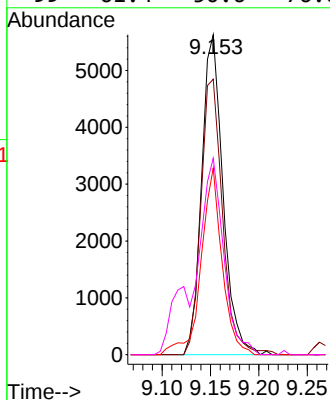
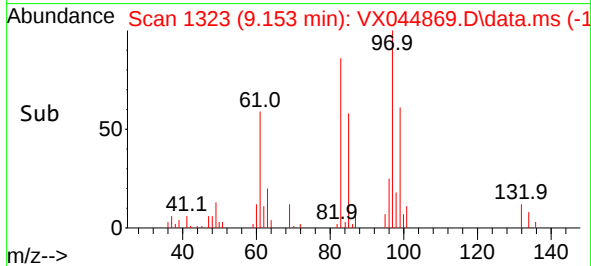
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



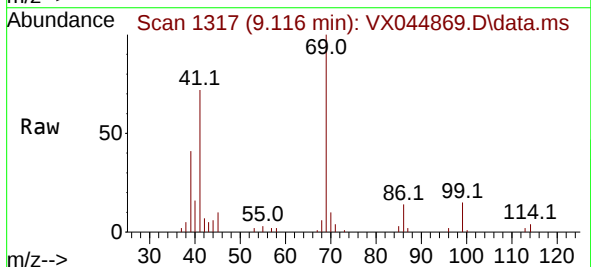
Tgt Ion: 97 Resp: 866
Ion Ratio Lower Upper
97 100
83 86.1 69.8 104.6
85 58.3 44.8 67.2
99 61.4 50.6 76.0

Manual Integrations
APPROVED

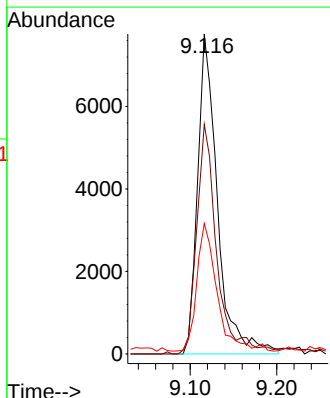
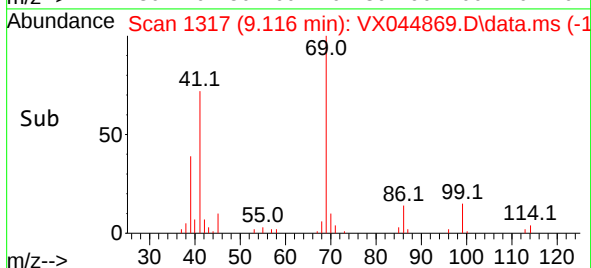
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

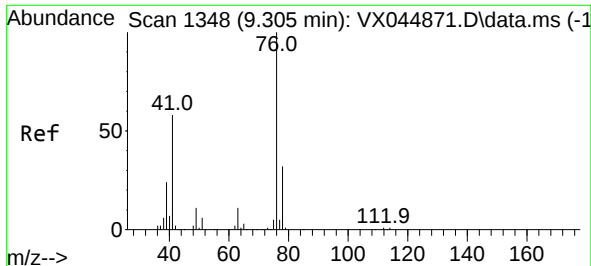


#56
Ethyl methacrylate
Concen: 4.502 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



Tgt Ion: 69 Resp: 12351
Ion Ratio Lower Upper
69 100
41 73.0 55.2 82.8
39 39.5 30.8 46.2





#57

1,3-Dichloropropane

Concen: 4.993 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 14839

Ion Ratio Lower Upper

76 100

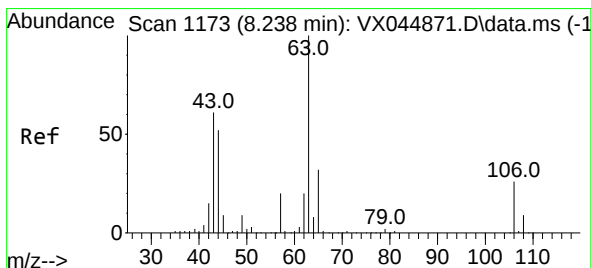
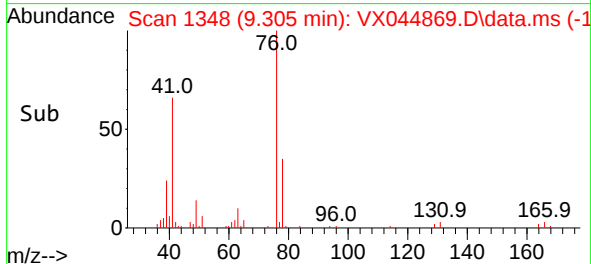
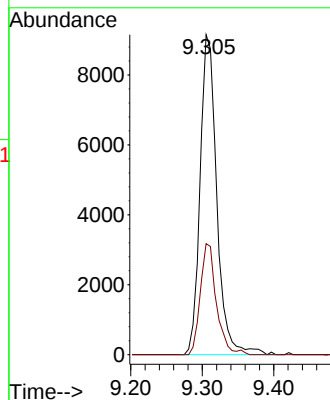
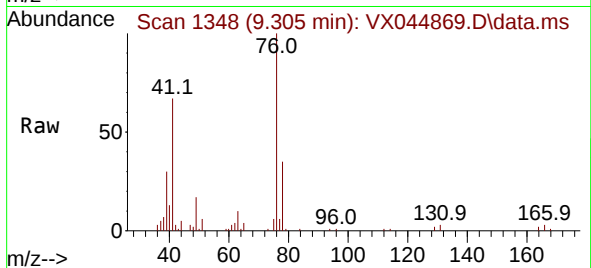
78 33.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 23.382 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044869.D

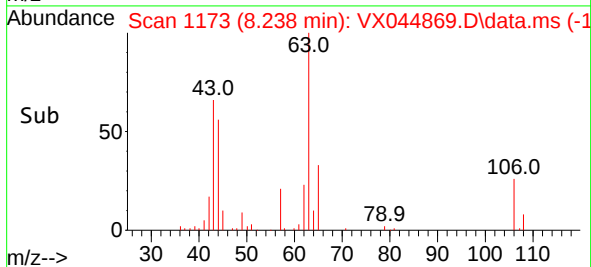
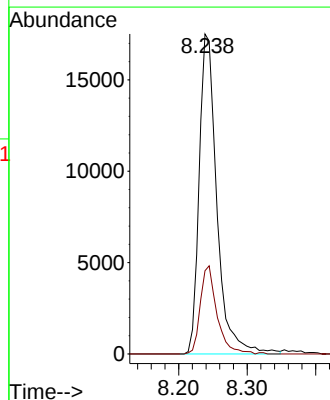
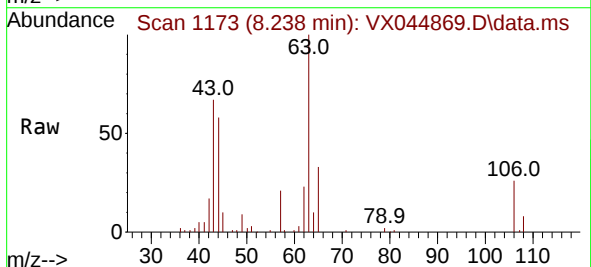
Acq: 10 Feb 2025 10:48

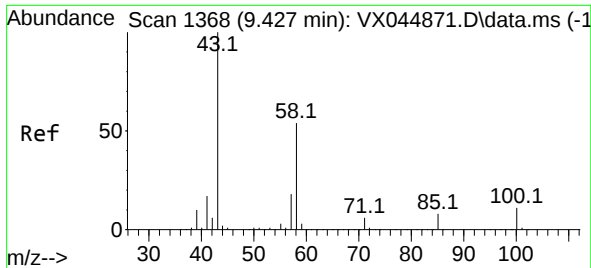
Tgt Ion: 63 Resp: 31498

Ion Ratio Lower Upper

63 100

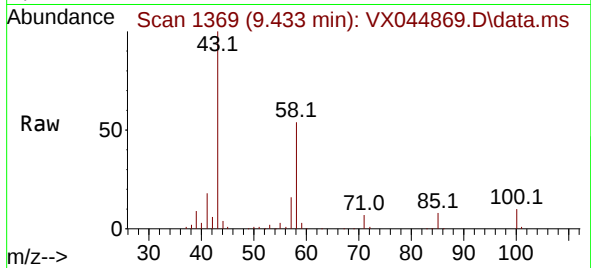
106 25.8 21.3 31.9





#59
2-Hexanone
Concen: 24.359 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

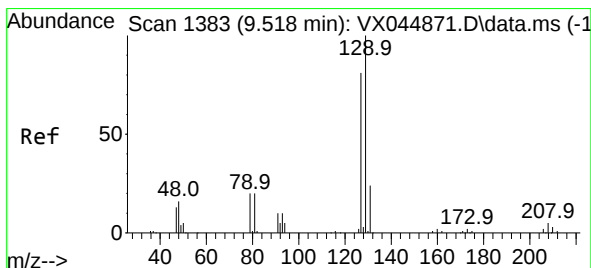
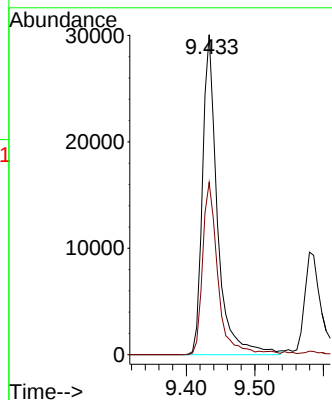
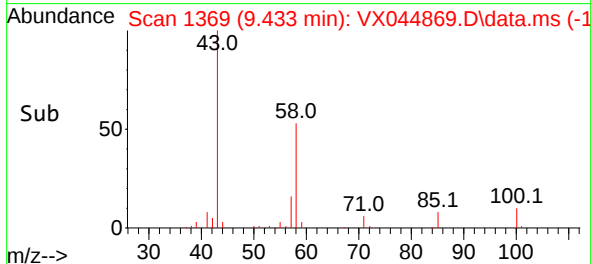
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 45538
Ion Ratio Lower Upper
43 100
58 55.5 27.5 82.4

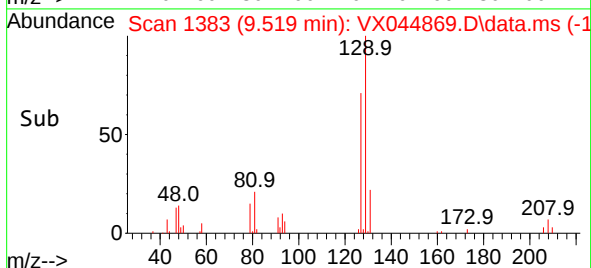
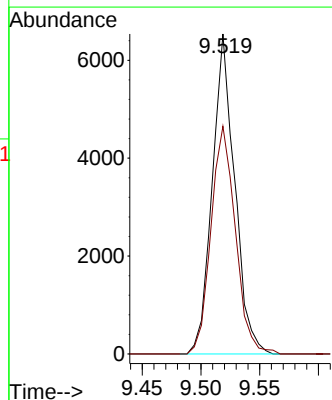
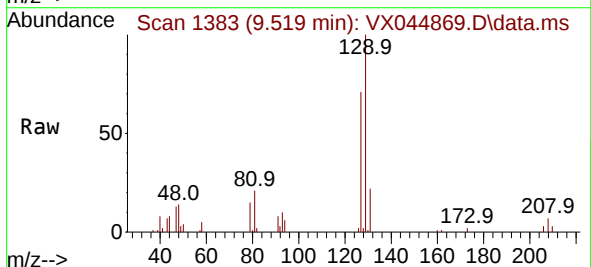
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 4.771 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

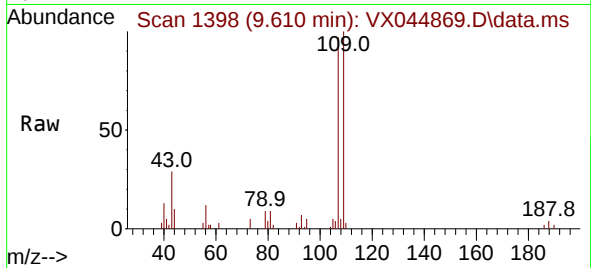
Tgt Ion:129 Resp: 8668
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





#61
1,2-Dibromoethane
Concen: 4.852 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

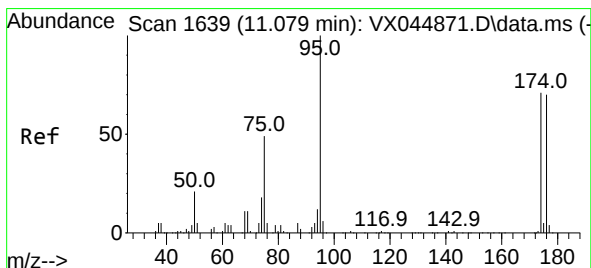
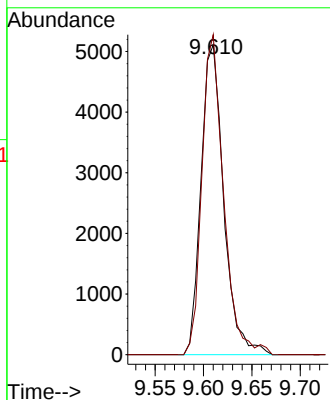
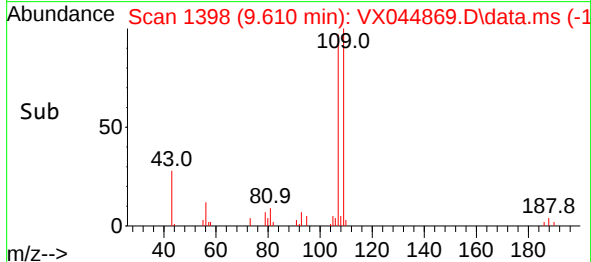
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



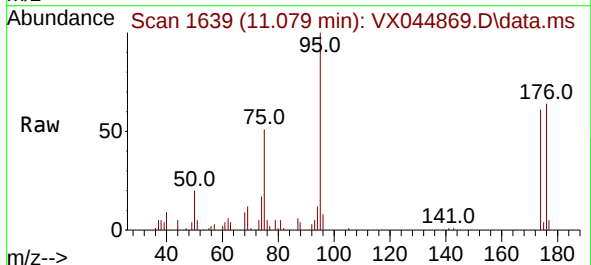
Tgt Ion:107 Resp: 835
Ion Ratio Lower Upper
107 100
109 98.8 75.9 113.9

Manual Integrations
APPROVED

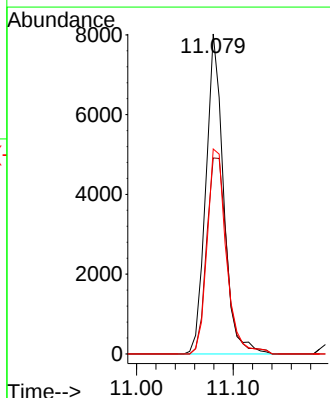
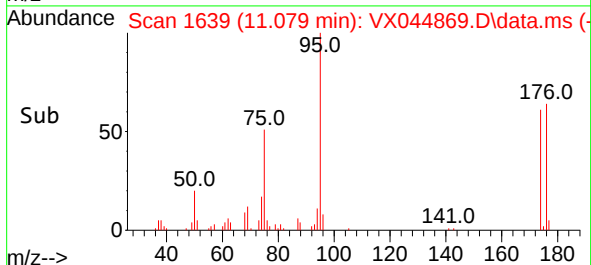
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

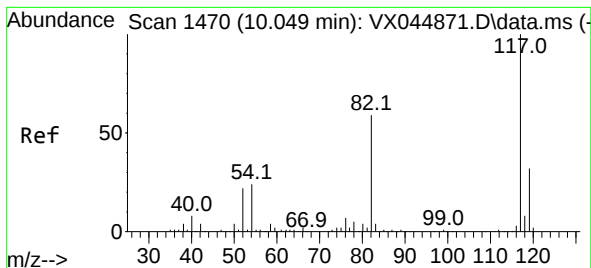


#62
4-Bromofluorobenzene
Concen: 4.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



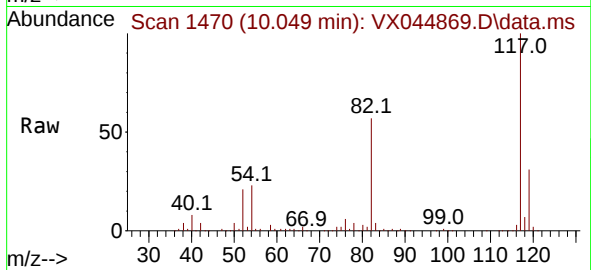
Tgt Ion: 95 Resp: 10229
Ion Ratio Lower Upper
95 100
174 70.3 0.0 142.6
176 69.3 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

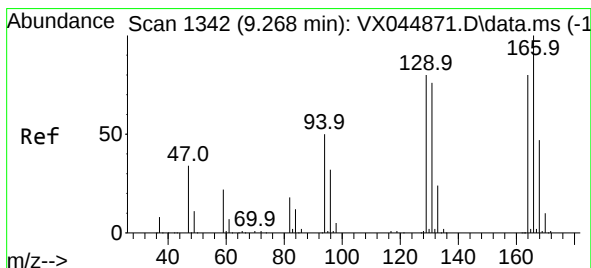
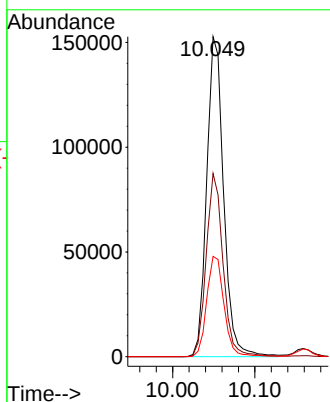
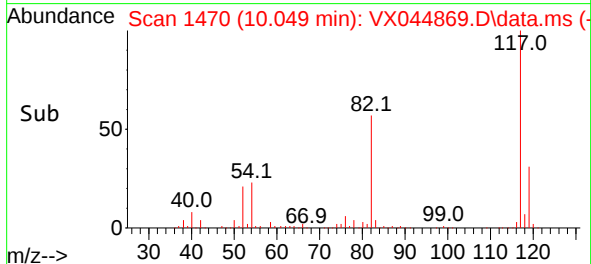
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 21862
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 31.4 25.4 38.0

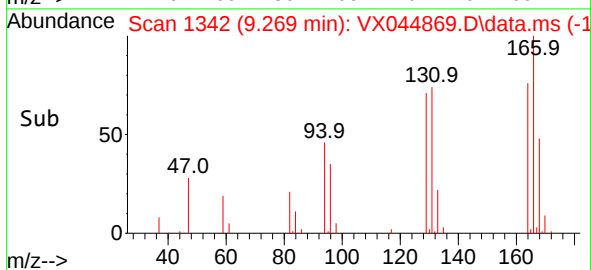
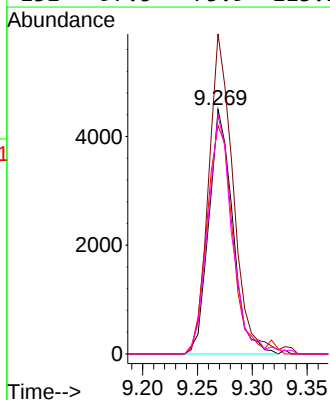
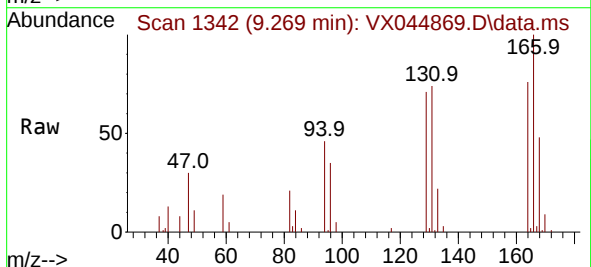
Manual Integrations
APPROVED

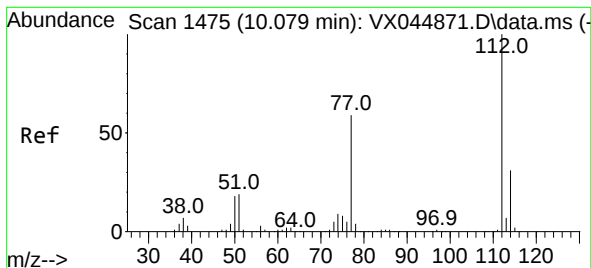
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 4.934 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

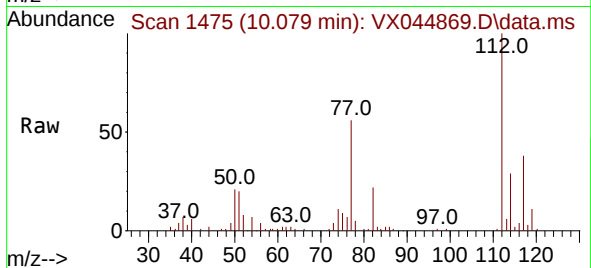
Tgt Ion:164 Resp: 6803
Ion Ratio Lower Upper
164 100
166 130.9 100.4 150.6
129 93.4 79.9 119.9
131 97.5 75.9 113.9





#65
Chlorobenzene
Concen: 5.090 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

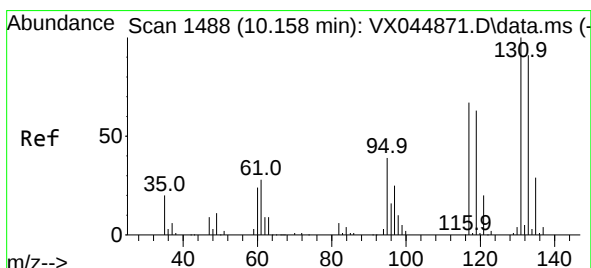
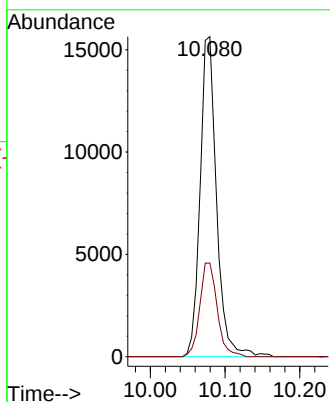
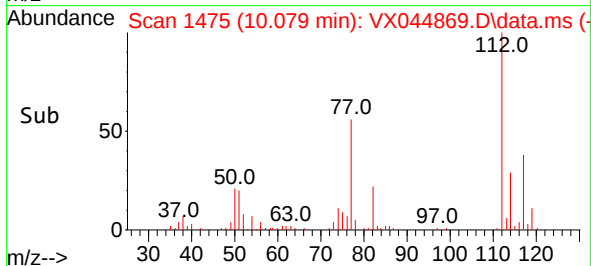
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



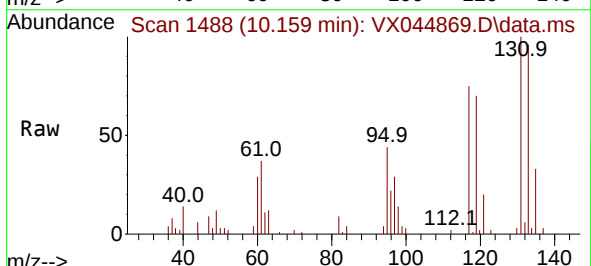
Tgt Ion:112 Resp: 2390
Ion Ratio Lower Upper
112 100
114 29.3 25.0 37.6

Manual Integrations
APPROVED

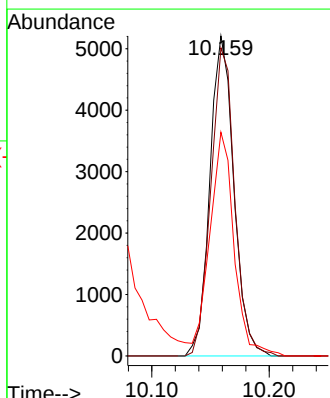
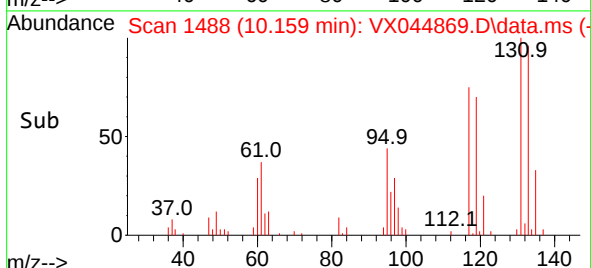
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

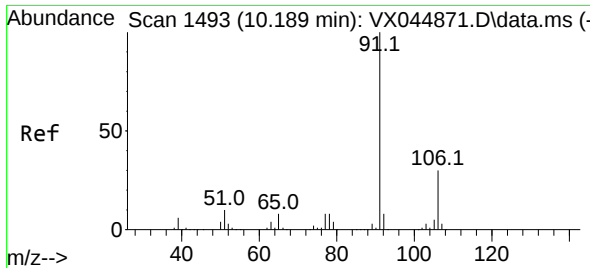


#66
1,1,1,2-Tetrachloroethane
Concen: 4.883 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



Tgt Ion:131 Resp: 7380
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.3
119 70.5 33.6 100.6





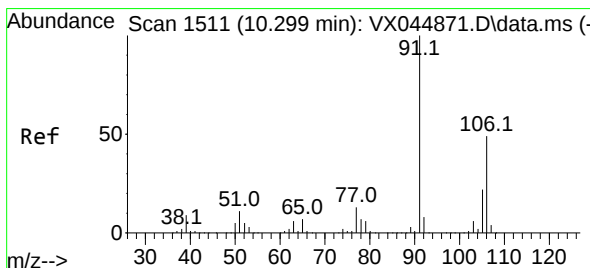
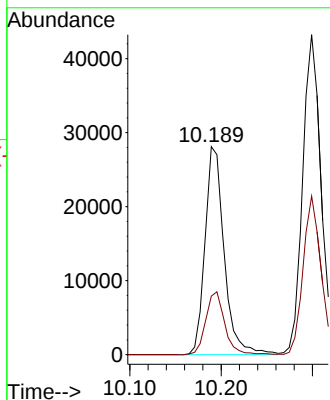
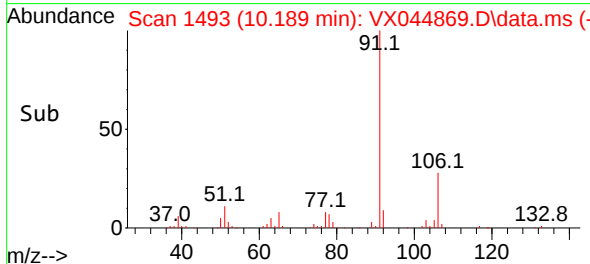
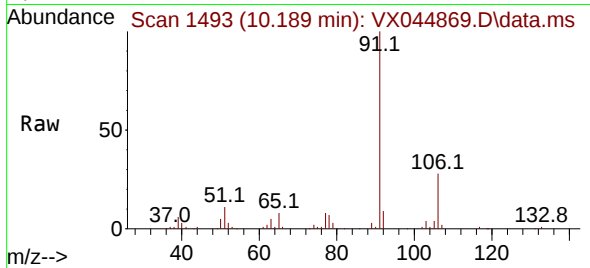
#67
Ethyl Benzene
Concen: 4.941 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 40945
Ion Ratio Lower Upper
91 100
106 28.1 23.9 35.9

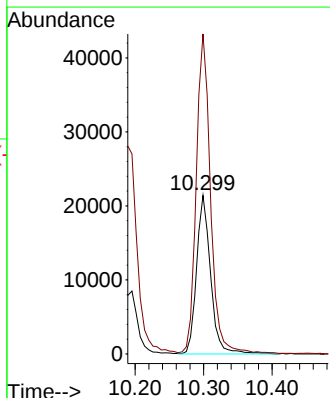
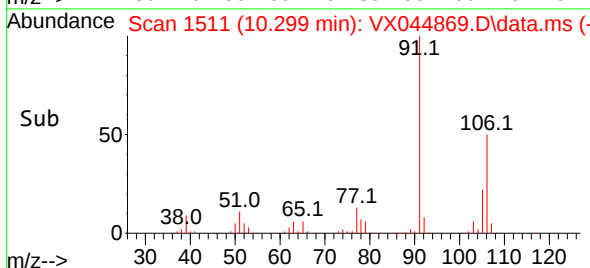
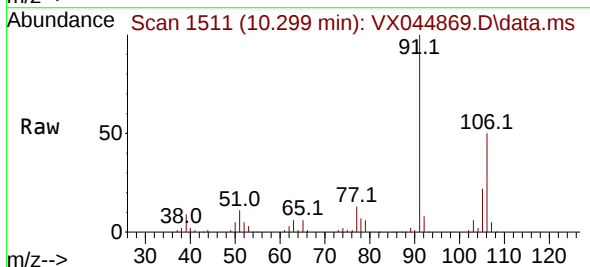
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 10.019 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion:106 Resp: 30627
Ion Ratio Lower Upper
106 100
91 204.6 164.3 246.5





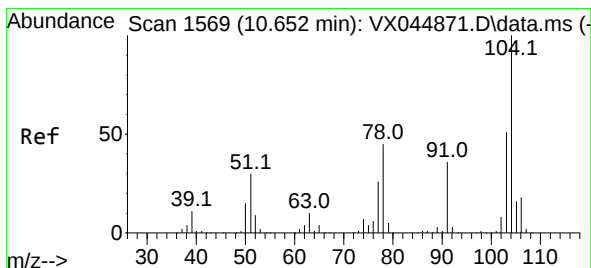
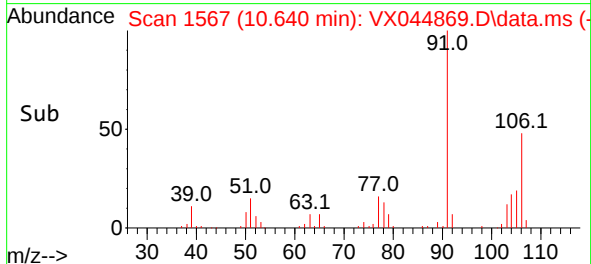
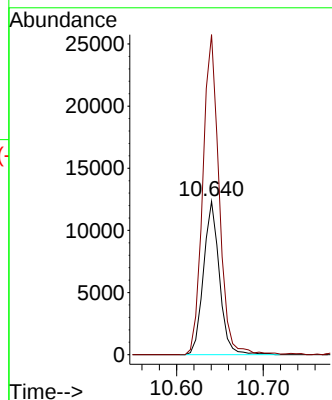
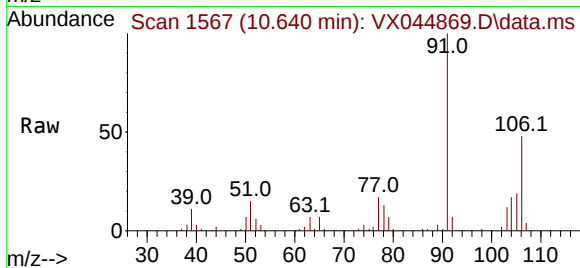
#69
o-Xylene
Concen: 5.139 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1576
Ion Ratio Lower Upper
106 100
91 213.9 108.5 325.5

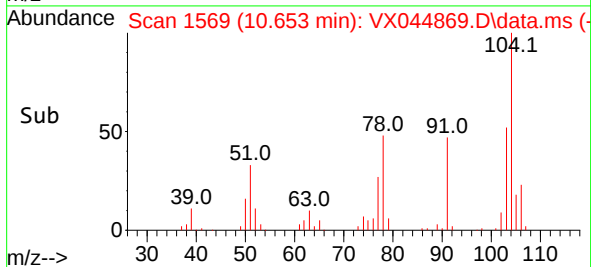
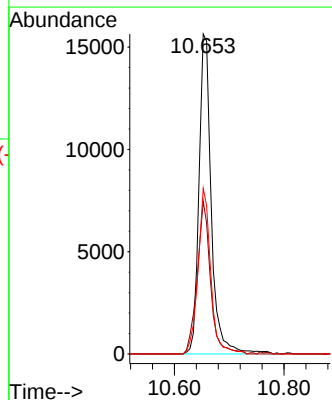
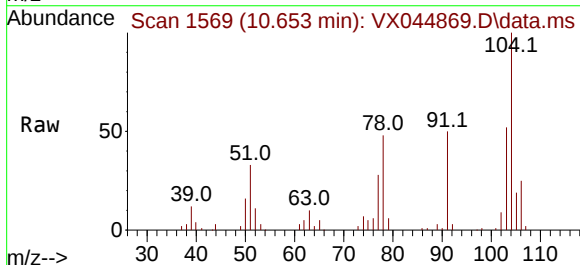
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 4.973 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion:104 Resp: 24576
Ion Ratio Lower Upper
104 100
78 51.3 40.5 60.7
103 53.4 43.6 65.4





#71

Bromoform

Concen: 4.779 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

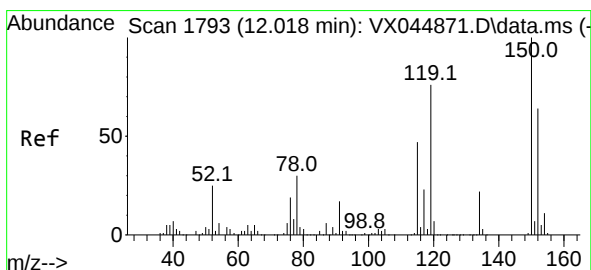
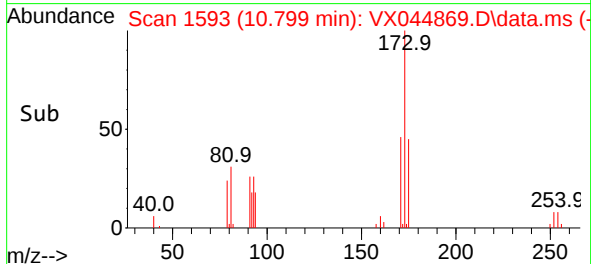
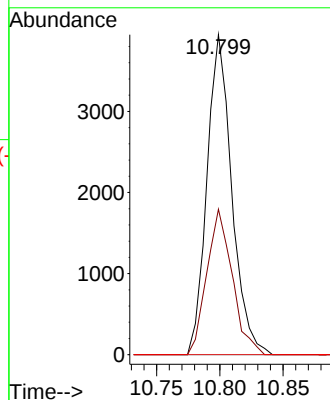
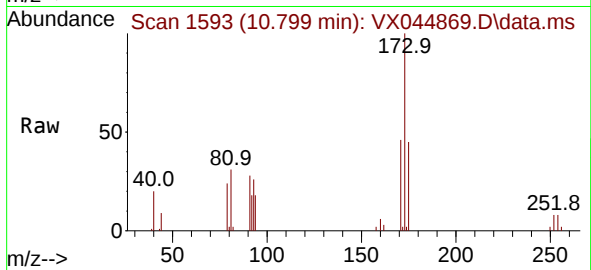
Tgt Ion:	173	Resp:	539
Ion Ratio	Lower	Upper	
173	100		
175	46.6	24.3	72.8
254	0.0	0.0	0.0

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

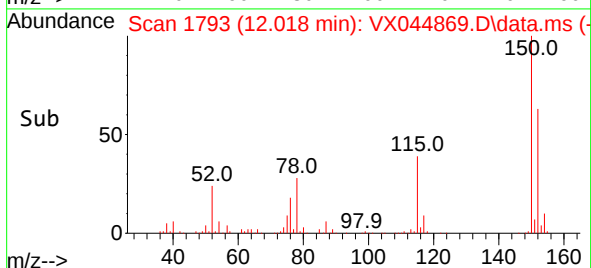
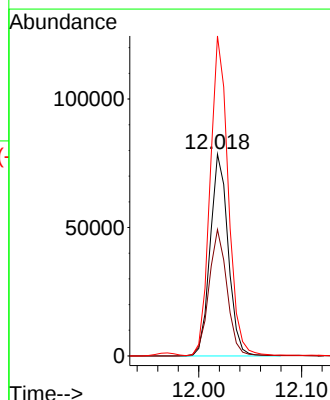
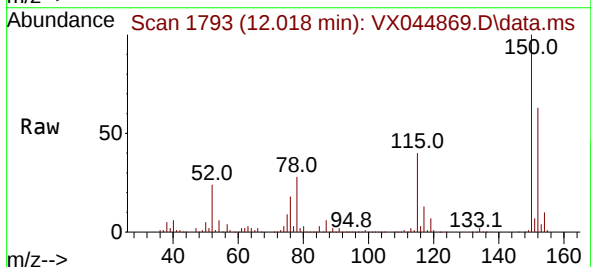
RT: 12.018 min Scan# 1793

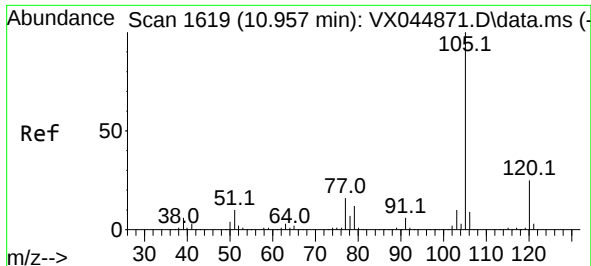
Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Tgt Ion:	152	Resp:	95494
Ion Ratio	Lower	Upper	
152	100		
115	63.3	43.4	130.1
150	159.0	0.0	350.4





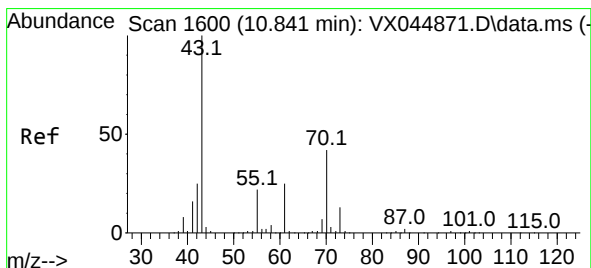
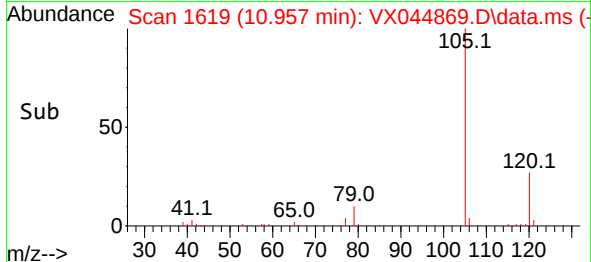
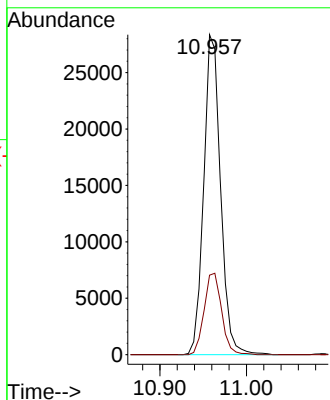
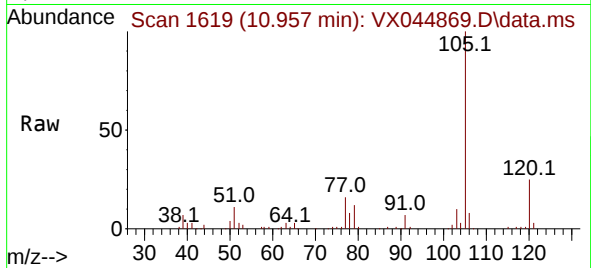
#73
Isopropylbenzene
Concen: 4.983 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 3831
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5

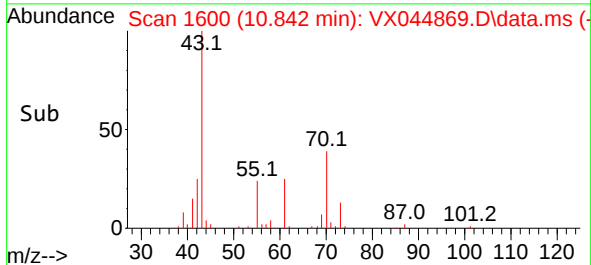
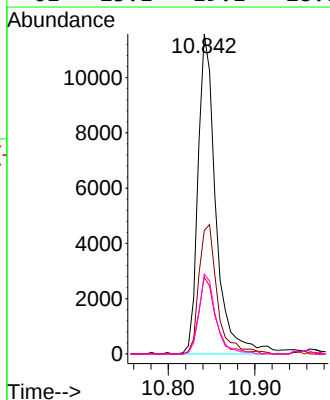
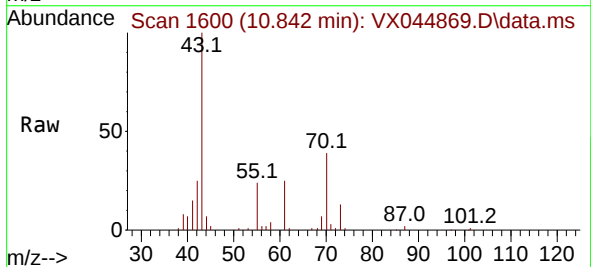
Manual Integrations
APPROVED

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



#74
N-ethyl acetate
Concen: 4.786 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion: 43 Resp: 16653
Ion Ratio Lower Upper
43 100
70 41.5 33.7 50.5
55 23.5 18.6 27.8
61 23.1 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 5.069 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

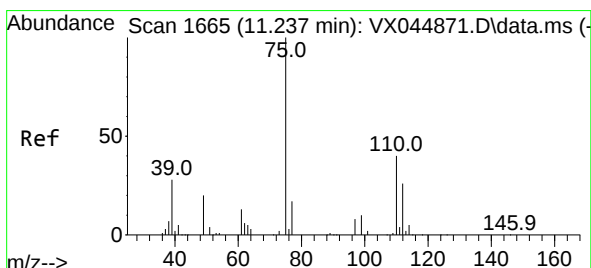
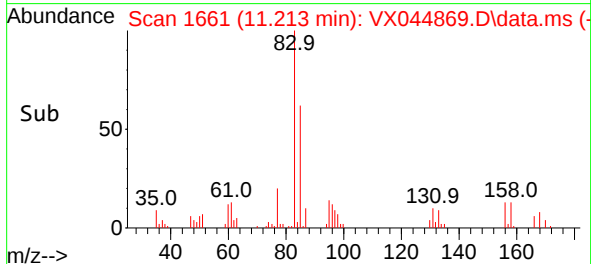
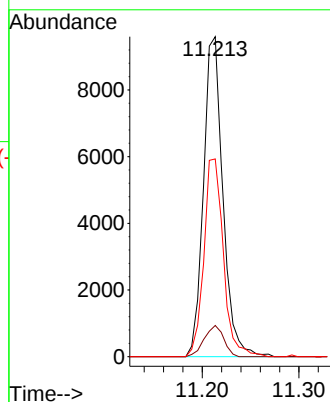
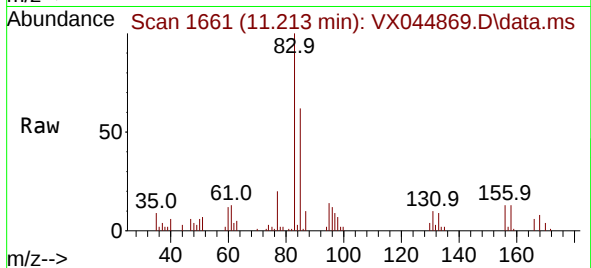
Tgt Ion: 83 Resp: 13394
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.5 13.5
 85 62.1 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#76

1,2,3-Trichloropropane

Concen: 5.201 ug/l m

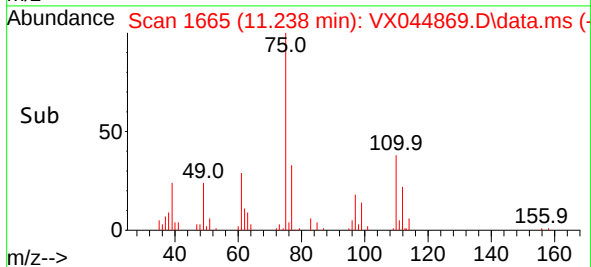
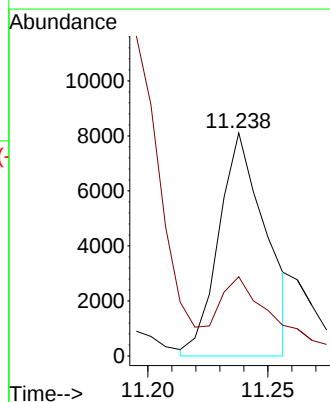
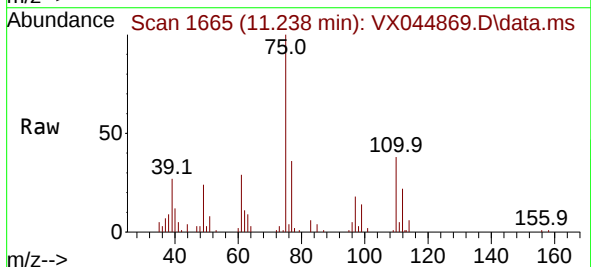
RT: 11.238 min Scan# 1665

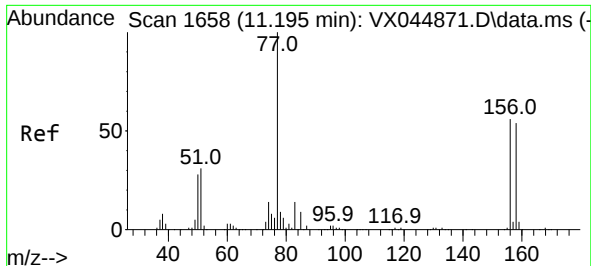
Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Tgt Ion: 75 Resp: 11011
 Ion Ratio Lower Upper
 75 100
 77 44.1 21.9 65.7





#77
Bromobenzene
Concen: 5.042 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

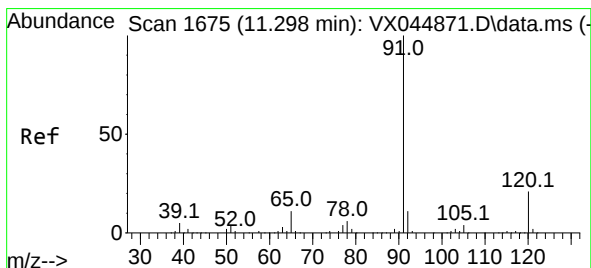
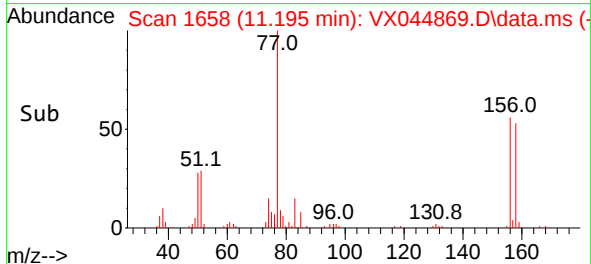
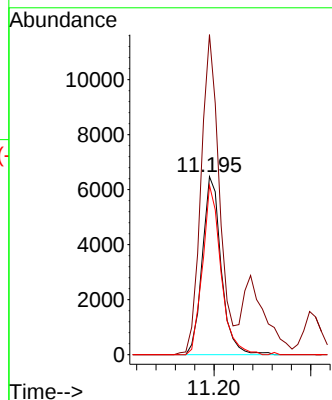
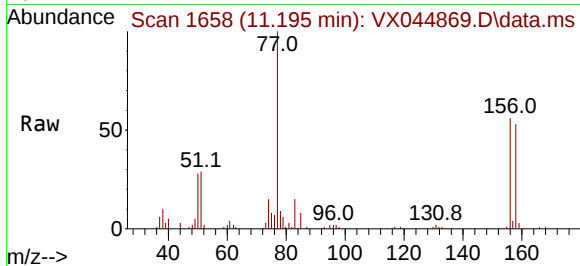
VSTDICC005

Tgt Ion:156 Resp: 8789
Ion Ratio Lower Upper
156 100
77 174.1 88.4 265.3
158 92.9 48.4 145.2

Manual Integrations

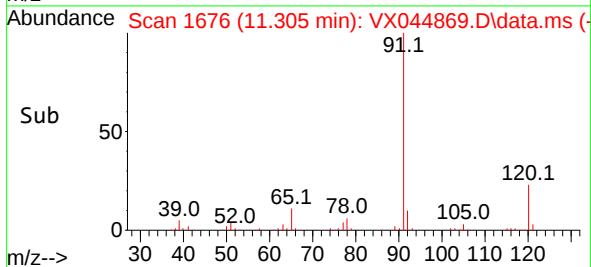
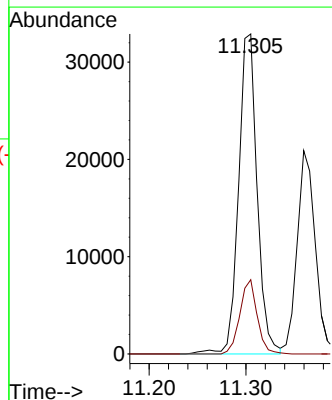
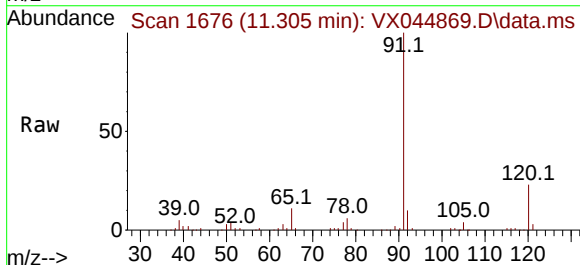
APPROVED

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



#78
n-propylbenzene
Concen: 4.949 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion: 91 Resp: 43923
Ion Ratio Lower Upper
91 100
120 21.6 11.1 33.3





#79
2-Chlorotoluene
Concen: 5.007 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

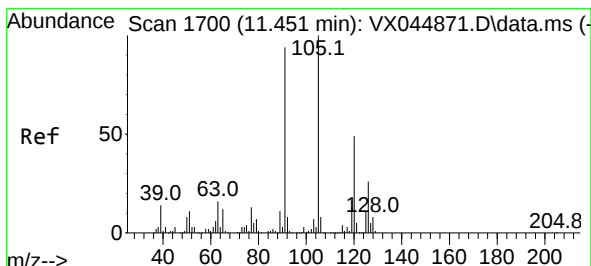
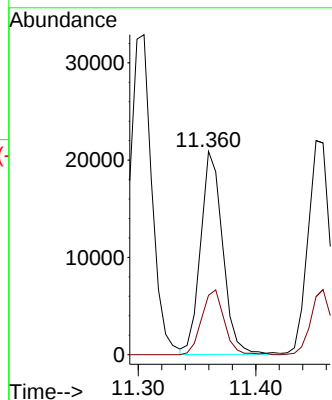
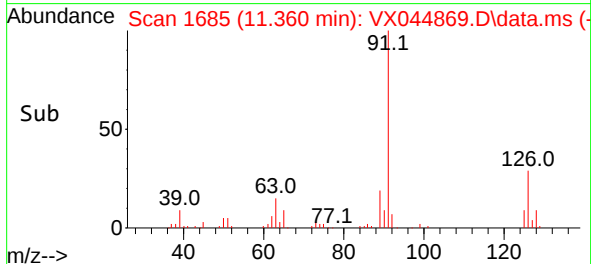
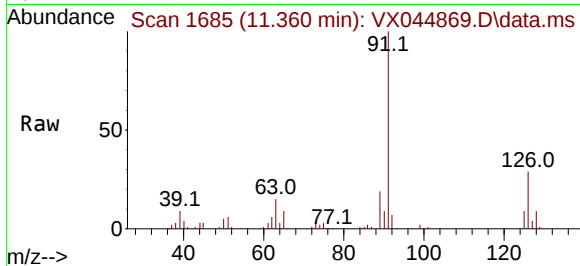
VSTDIC005

Tgt Ion: 91 Resp: 2731
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

Manual Integrations

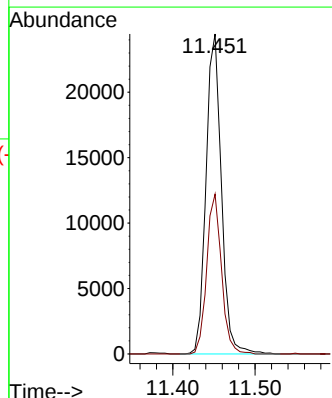
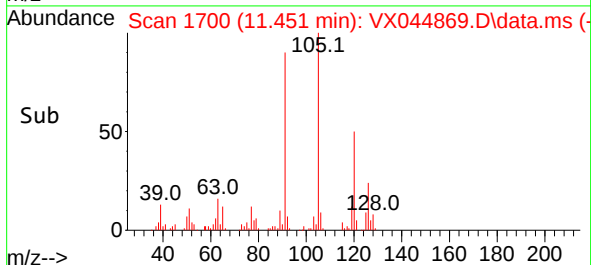
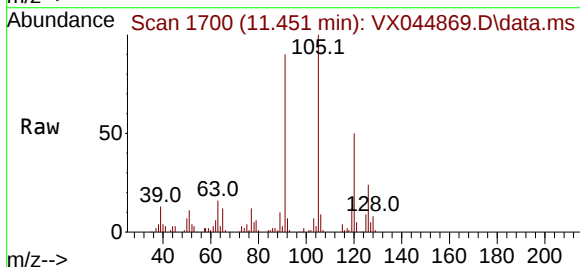
APPROVED

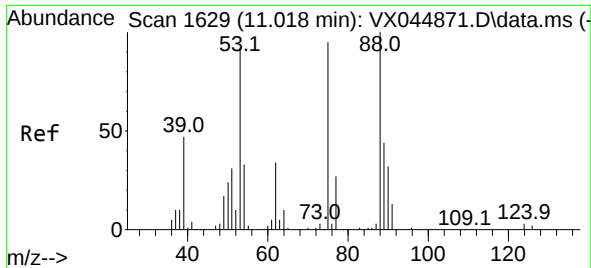
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.090 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion:105 Resp: 31761
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





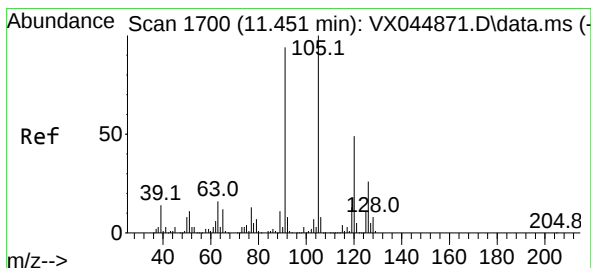
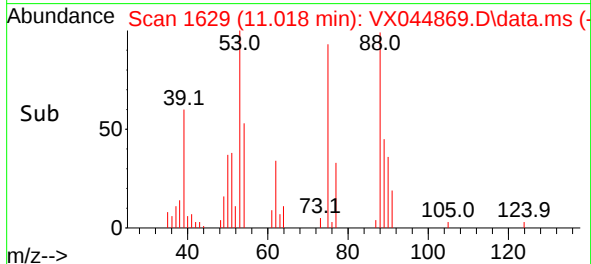
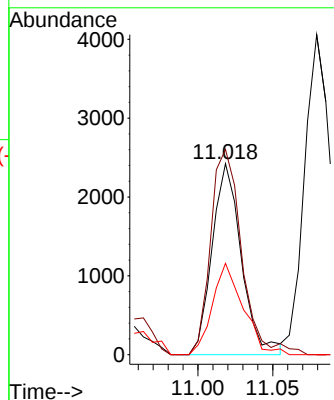
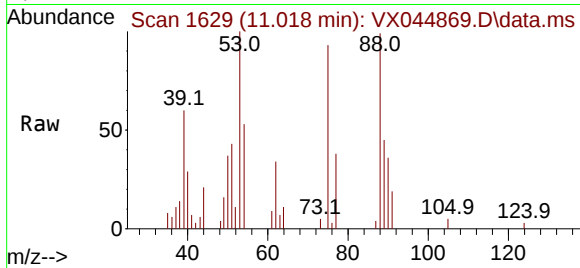
#81
trans-1,4-Dichloro-2-butene
Concen: 4.013 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 3300
Ion Ratio Lower Upper
75 100
53 113.7 78.0 117.0
89 50.2 36.6 54.8

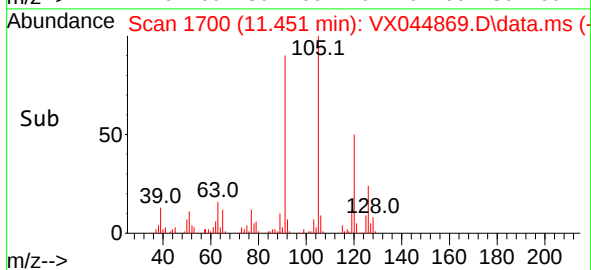
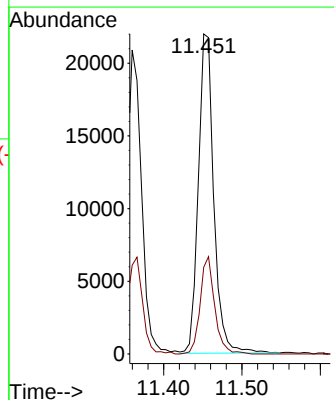
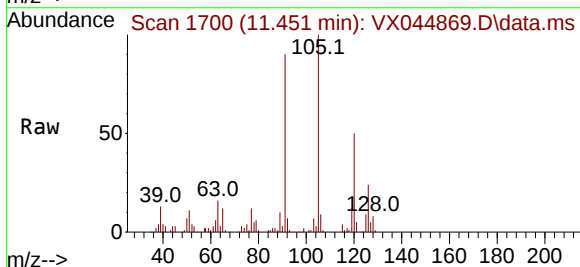
Manual Integrations
APPROVED

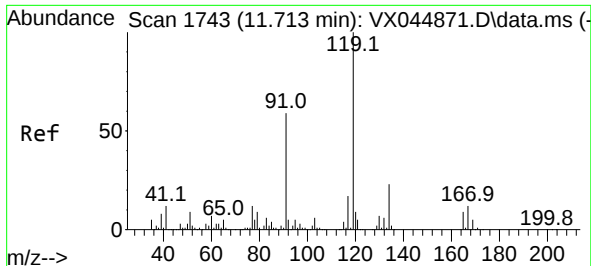
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#82
4-Chlorotoluene
Concen: 4.994 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

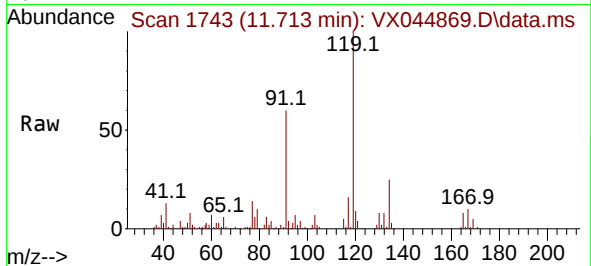
Tgt Ion: 91 Resp: 30138
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 5.068 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

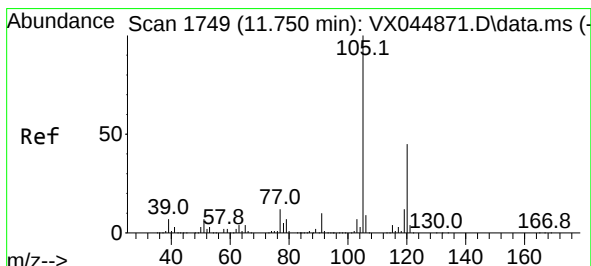
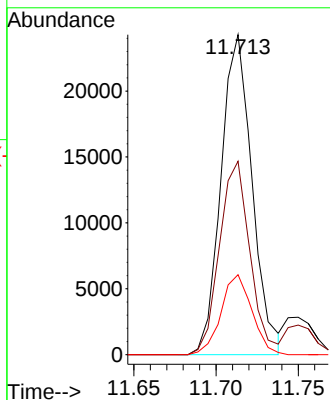
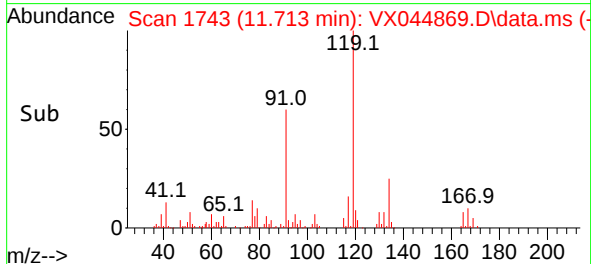
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



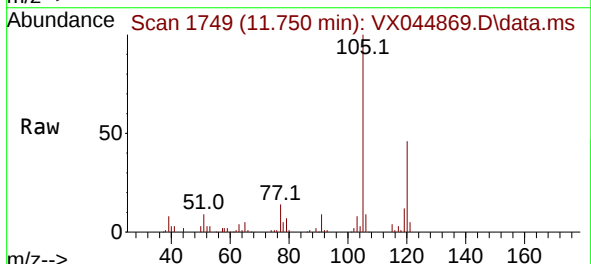
Tgt Ion:119 Resp: 31992
Ion Ratio Lower Upper
119 100
91 59.3 29.1 87.4
134 24.7 11.5 34.5

Manual Integrations
APPROVED

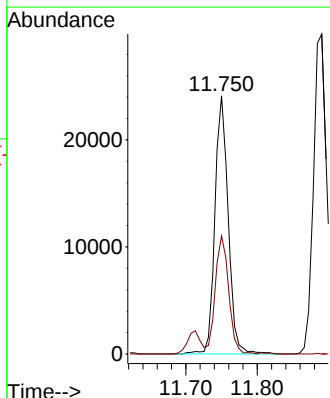
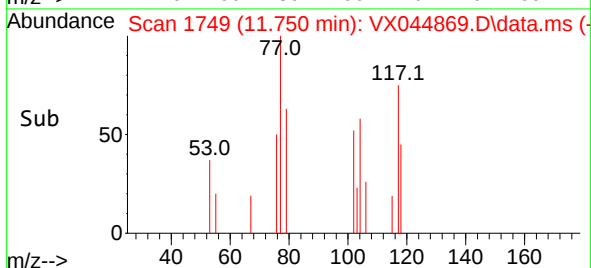
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

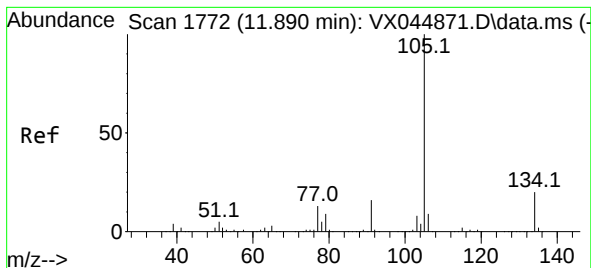


#84
1,2,4-Trimethylbenzene
Concen: 5.042 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



Tgt Ion:105 Resp: 31053
Ion Ratio Lower Upper
105 100
120 46.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 4.917 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 3843

Ion Ratio Lower Upper

105 100

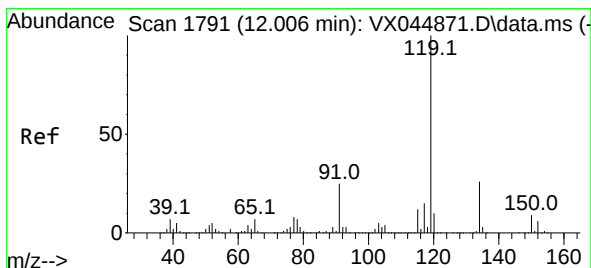
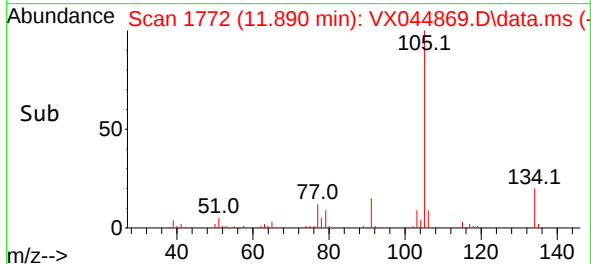
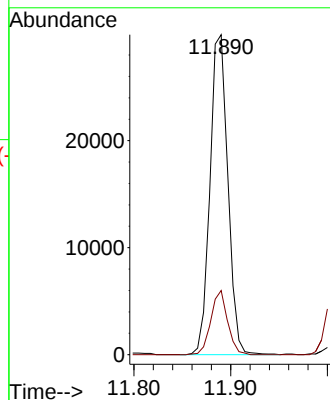
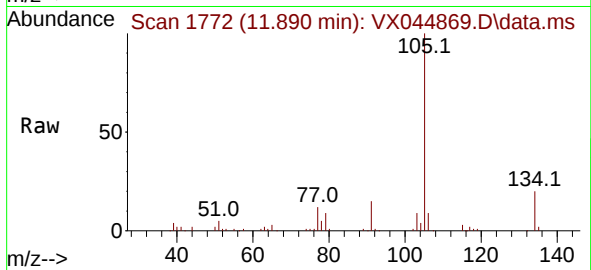
134 18.7 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#86

p-Isopropyltoluene

Concen: 4.905 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

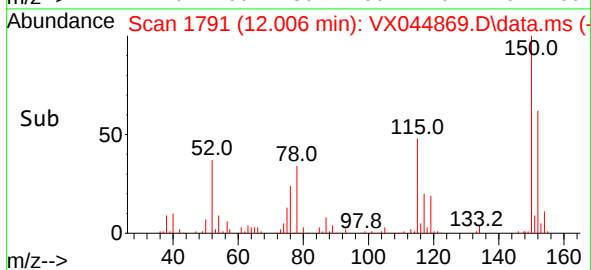
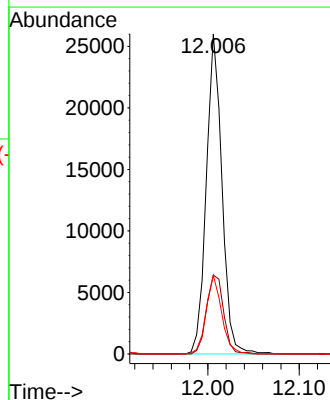
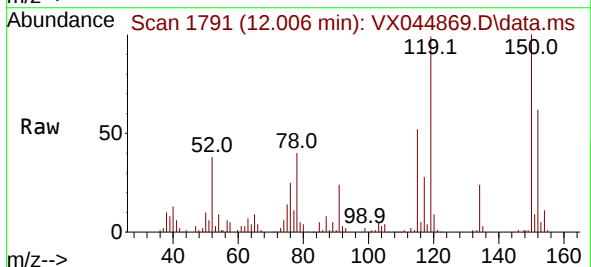
Tgt Ion:119 Resp: 30835

Ion Ratio Lower Upper

119 100

134 26.8 13.0 38.9

91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.971 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

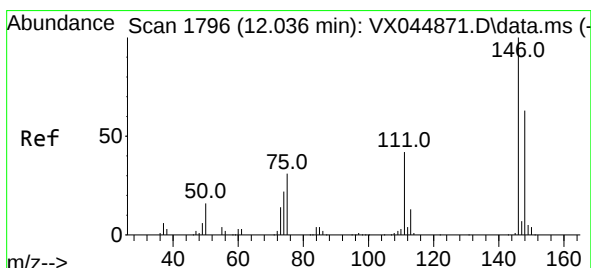
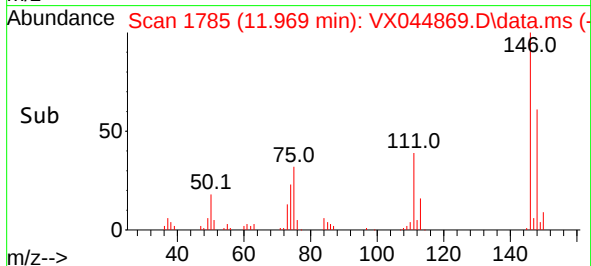
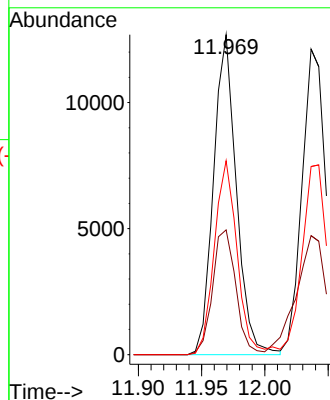
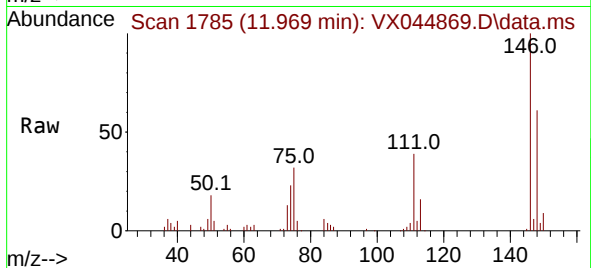
Tgt Ion:146 Resp: 15938
 Ion Ratio Lower Upper
 146 100
 111 39.8 21.2 63.6
 148 60.0 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#88

1,4-Dichlorobenzene

Concen: 5.043 ug/l

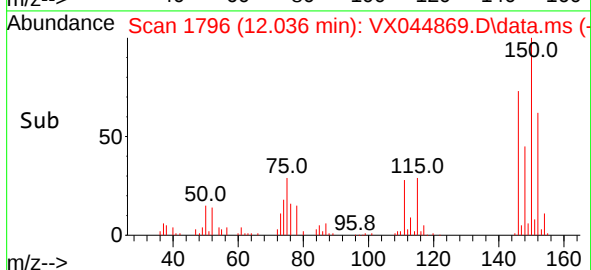
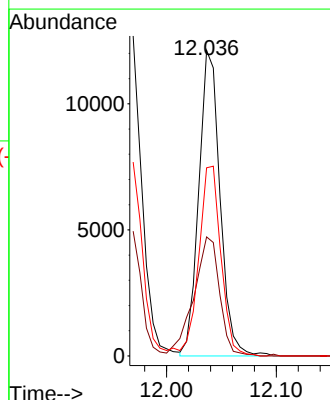
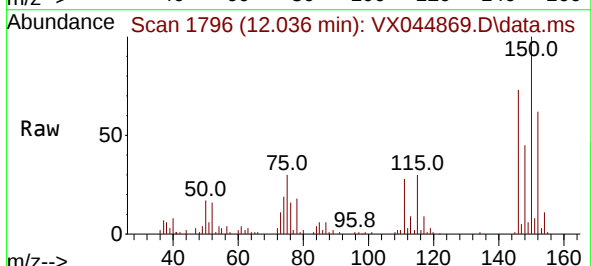
RT: 12.036 min Scan# 1796

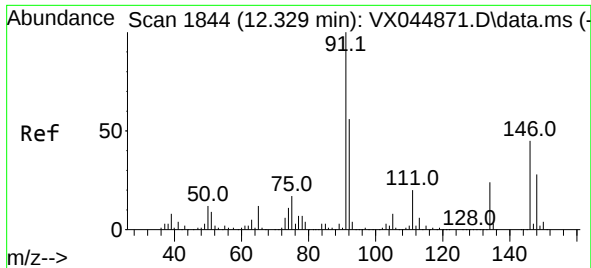
Delta R.T. 0.000 min

Lab File: VX044869.D

Acq: 10 Feb 2025 10:48

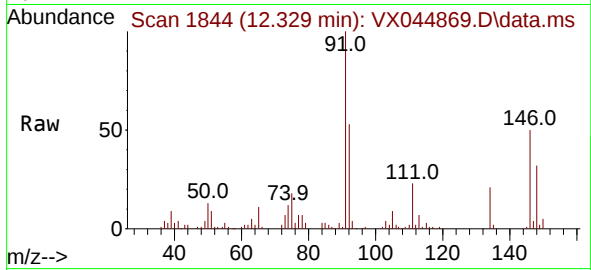
Tgt Ion:146 Resp: 16347
 Ion Ratio Lower Upper
 146 100
 111 47.4 20.4 61.3
 148 65.3 32.0 96.0





#89
n-Butylbenzene
Concen: 4.630 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

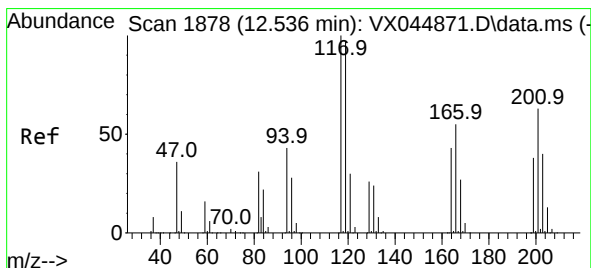
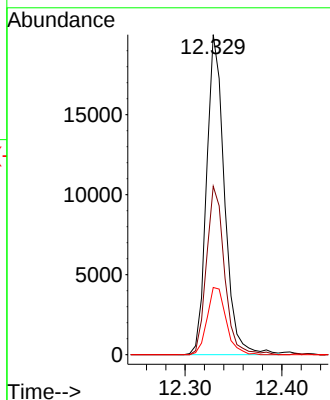
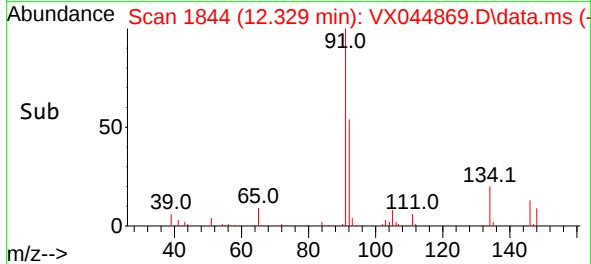
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 2574
Ion Ratio Lower Upper
91 100
92 52.8 27.2 81.6
134 22.3 12.1 36.3

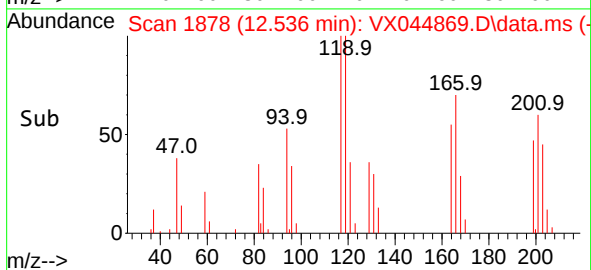
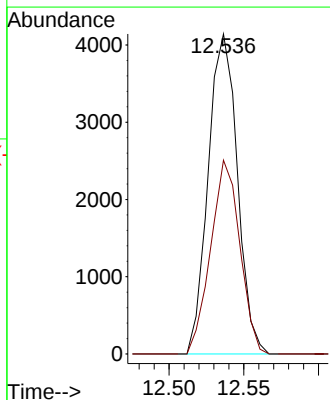
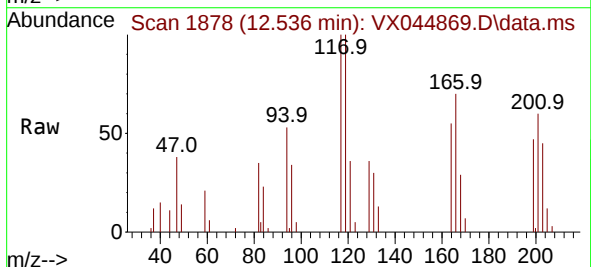
Manual Integrations
APPROVED

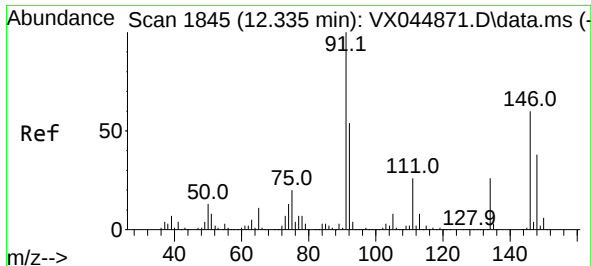
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#90
Hexachloroethane
Concen: 4.775 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

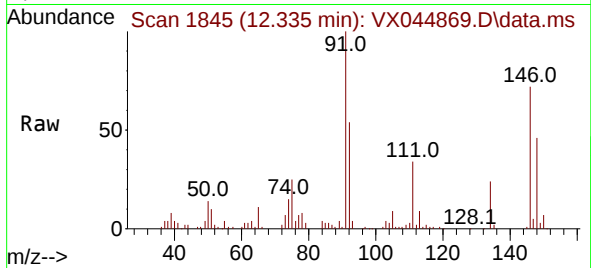
Tgt Ion:117 Resp: 5620
Ion Ratio Lower Upper
117 100
201 60.6 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 5.193 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

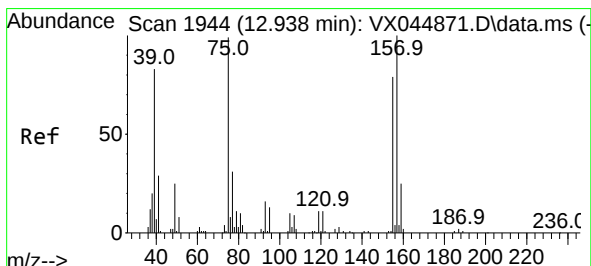
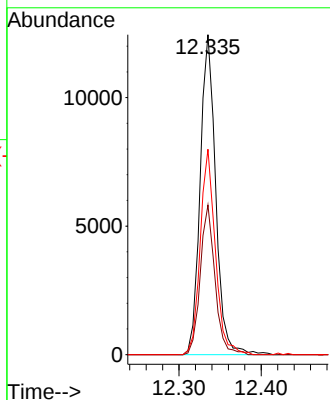
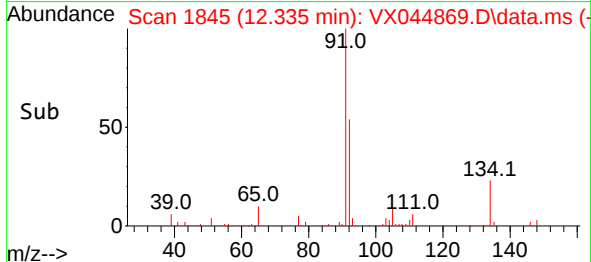
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



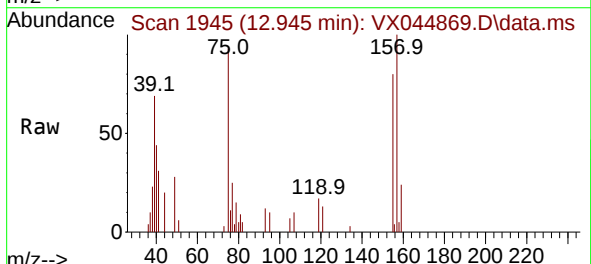
Tgt Ion:146 Resp: 1636
Ion Ratio Lower Upper
146 100
111 44.3 21.8 65.4
148 62.7 31.9 95.9

Manual Integrations
APPROVED

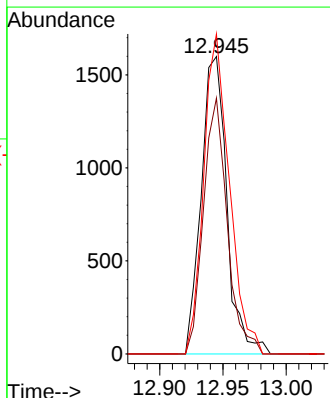
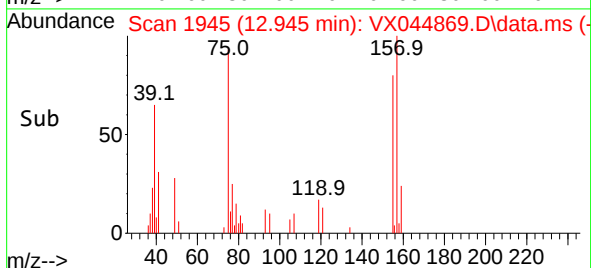
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.674 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48



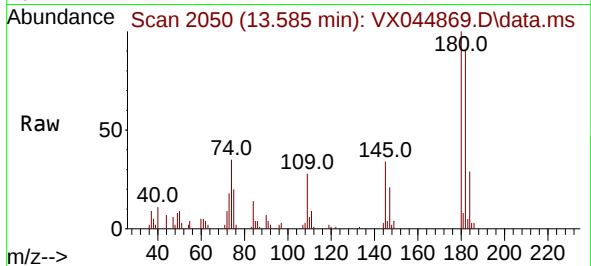
Tgt Ion: 75 Resp: 2254
Ion Ratio Lower Upper
75 100
155 80.0 40.5 121.4
157 108.1 51.4 154.3





#93
 1,2,4-Trichlorobenzene
 Concen: 4.680 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX044869.D
 Acq: 10 Feb 2025 10:48

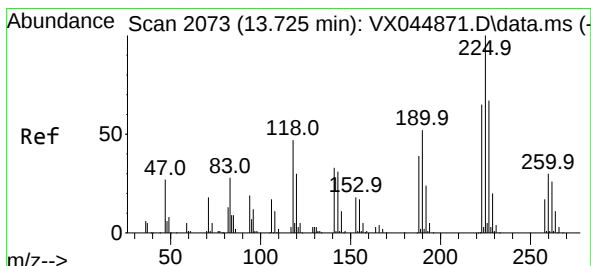
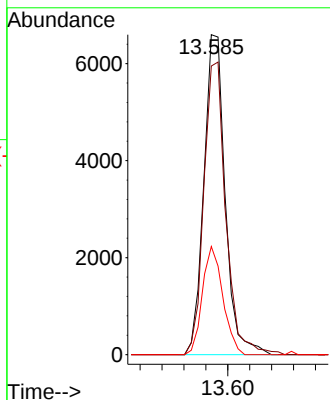
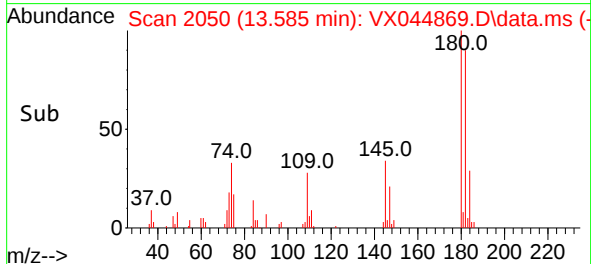
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



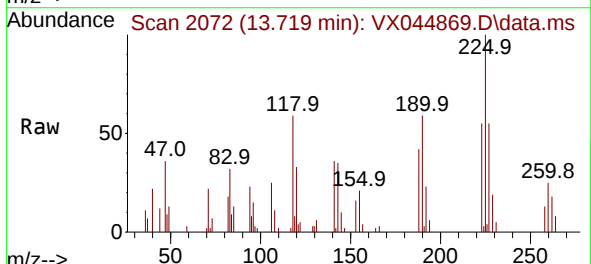
Tgt Ion:180 Resp: 892.0
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.6 142.8
 145 32.3 16.4 49.1

Manual Integrations
 APPROVED

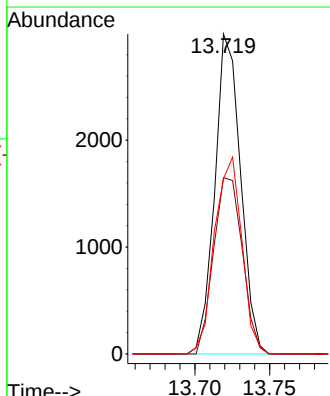
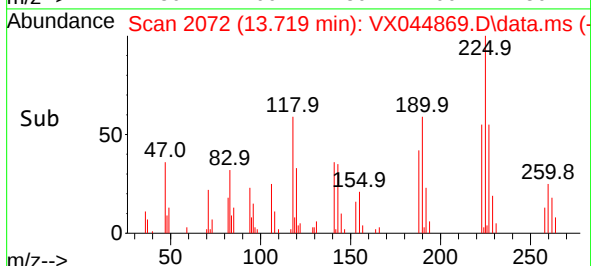
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

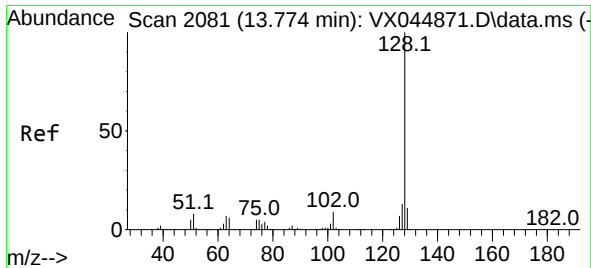


#94
 Hexachlorobutadiene
 Concen: 4.750 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX044869.D
 Acq: 10 Feb 2025 10:48



Tgt Ion:225 Resp: 3595
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.4 94.2
 227 65.1 32.3 96.8





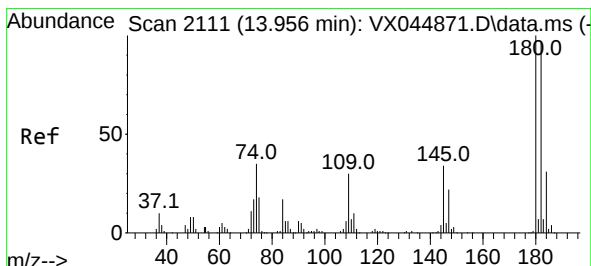
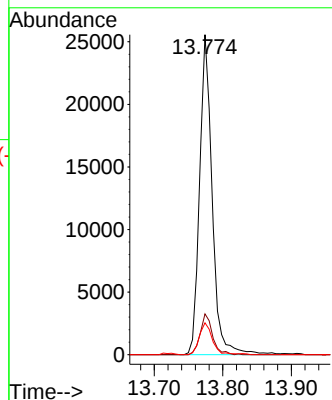
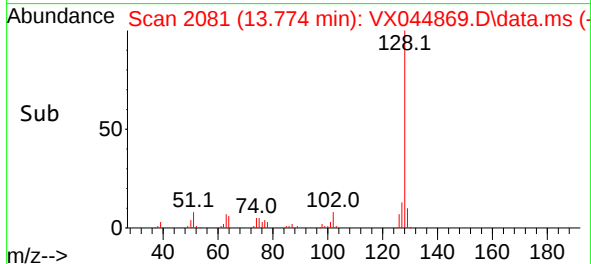
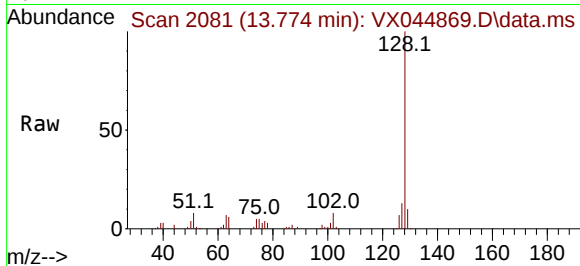
#95
Naphthalene
Concen: 4.756 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 32770
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 10.3 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: 4.733 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044869.D
Acq: 10 Feb 2025 10:48

Tgt Ion:180 Resp: 9093
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.6
145 35.0 17.1 51.3

