

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045635.D
 Acq On : 08 Apr 2025 08:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/09/2025
 Supervised By : Mahesh Dadoda 04/09/2025

Quant Time: Apr 09 01:30:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	102556	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	175513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88628	47.256	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.520%		
35) Dibromofluoromethane	5.379	113	60947	48.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.880%		
50) Toluene-d8	8.641	98	208767	48.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.060%		
62) 4-Bromofluorobenzene	11.079	95	80074	50.577	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82377	53.710	ug/l	99
3) Chloromethane	1.301	50	74414	47.227	ug/l	99
4) Vinyl Chloride	1.374	62	70200	48.683	ug/l	98
5) Bromomethane	1.593	94	31611	46.234	ug/l	96
6) Chloroethane	1.666	64	39458	51.576	ug/l	99
7) Trichlorofluoromethane	1.874	101	109606	50.974	ug/l	99
8) Diethyl Ether	2.130	74	34611	47.944	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	65045	51.623	ug/l	99
10) Methyl Iodide	2.447	142	74792	47.589	ug/l	98
11) Tert butyl alcohol	2.971	59	60403	239.647	ug/l	100
12) 1,1-Dichloroethene	2.313	96	60648	49.260	ug/l	93
13) Acrolein	2.233	56	62884	181.175	ug/l	98
14) Allyl chloride	2.654	41	114629	49.070	ug/l	98
15) Acrylonitrile	3.056	53	191988	241.303	ug/l	99
16) Acetone	2.380	43	225342	292.604	ug/l	98
17) Carbon Disulfide	2.502	76	145753	47.932	ug/l	100
18) Methyl Acetate	2.703	43	91430	51.565	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	207770	48.241	ug/l	98
20) Methylene Chloride	2.782	84	67962	47.138	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	59834	47.570	ug/l	99
22) Diisopropyl ether	3.757	45	222069	48.259	ug/l	97
23) Vinyl Acetate	3.715	43	984228	247.556	ug/l	100
24) 1,1-Dichloroethane	3.599	63	124046	47.666	ug/l	99
25) 2-Butanone	4.550	43	288293	255.736	ug/l	99
26) 2,2-Dichloropropane	4.465	77	96168	57.195	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	71964	46.961	ug/l	97
28) Bromochloromethane	4.885	49	61879	49.204	ug/l	99
29) Tetrahydrofuran	4.995	42	170707	233.567	ug/l	99
30) Chloroform	5.080	83	128762	48.085	ug/l	96
31) Cyclohexane	5.458	56	109356	47.533	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	110738	48.873	ug/l	99
36) 1,1-Dichloropropene	5.684	75	83600	49.722	ug/l	98
37) Ethyl Acetate	4.708	43	102926	48.576	ug/l	100
38) Carbon Tetrachloride	5.666	117	95023	52.293	ug/l	96
39) Methylcyclohexane	7.373	83	108177	52.487	ug/l	98
40) Benzene	6.025	78	249998	48.685	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	58849	52.639	ug/l	99
42) 1,2-Dichloroethane	6.074	62	106419	50.176	ug/l	100
43) Isopropyl Acetate	6.330	43	160785	50.067	ug/l	100
44) Trichloroethene	7.117	130	59501	48.751	ug/l	94
45) 1,2-Dichloropropane	7.421	63	63077	49.231	ug/l	97
46) Dibromomethane	7.574	93	48368	49.178	ug/l	98
47) Bromodichloromethane	7.812	83	100153	50.990	ug/l	97
48) Methyl methacrylate	7.684	41	83311	50.245	ug/l	100
49) 1,4-Dioxane	7.653	88	30947	1031.580	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	538521	252.957	ug/l	99
52) Toluene	8.714	92	150361	48.391	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	88771	47.135	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	97741	52.954	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	60362	48.750	ug/l	98
56) Ethyl methacrylate	9.110	69	97374	50.815	ug/l	100
57) 1,3-Dichloropropane	9.305	76	104882	48.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	256466	264.570	ug/l	100
59) 2-Hexanone	9.427	43	401824	254.882	ug/l	99
60) Dibromochloromethane	9.519	129	70772	52.429	ug/l	98
61) 1,2-Dibromoethane	9.604	107	62585	49.932	ug/l	99
64) Tetrachloroethene	9.269	164	53406	49.544	ug/l	99
65) Chlorobenzene	10.073	112	161428	49.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	56924	50.257	ug/l	100
67) Ethyl Benzene	10.189	91	296077	50.671	ug/l	100
68) m/p-Xylenes	10.299	106	215524	101.415	ug/l	99
69) o-Xylene	10.640	106	105095	50.200	ug/l	98
70) Styrene	10.652	104	179022	51.811	ug/l	98
71) Bromoform	10.799	173	45129	53.361	ug/l #	99
73) Isopropylbenzene	10.957	105	286927	48.640	ug/l	99
74) N-amyl acetate	10.841	43	134335	47.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	91434	44.124	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82126m	45.718	ug/l	
77) Bromobenzene	11.195	156	64594	47.392	ug/l	99
78) n-propylbenzene	11.299	91	336735	49.559	ug/l	100
79) 2-Chlorotoluene	11.360	91	203560	46.863	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	240058	49.213	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26492	50.052	ug/l	98
82) 4-Chlorotoluene	11.451	91	237649	49.070	ug/l	99
83) tert-Butylbenzene	11.713	119	238454	49.376	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	241409	49.308	ug/l	98
85) sec-Butylbenzene	11.890	105	298302	50.291	ug/l	100
86) p-Isopropyltoluene	12.006	119	245321	50.166	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	117998	47.560	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	117319	46.643	ug/l	98
89) n-Butylbenzene	12.329	91	226244	53.352	ug/l	100
90) Hexachloroethane	12.536	117	44911	53.439	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	114467	46.406	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21429	49.447	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	67975	49.507	ug/l	98
94) Hexachlorobutadiene	13.725	225	29863	50.474	ug/l	99
95) Naphthalene	13.774	128	242437	47.448	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	68602	47.715	ug/l	100

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VSTDCCC050

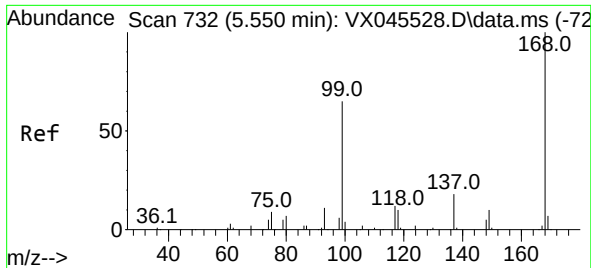
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025

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Response via : Initial Calibration

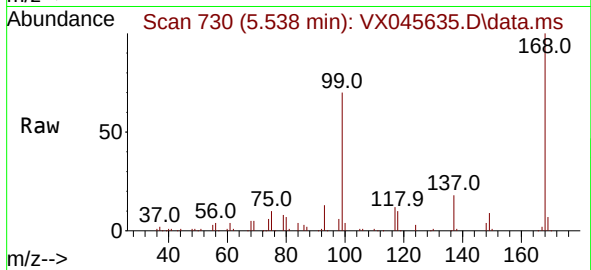
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045635.D
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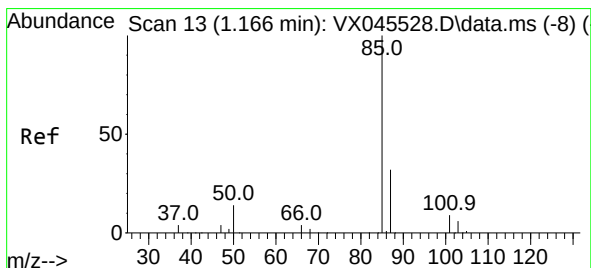
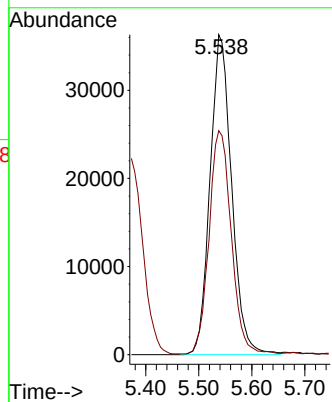
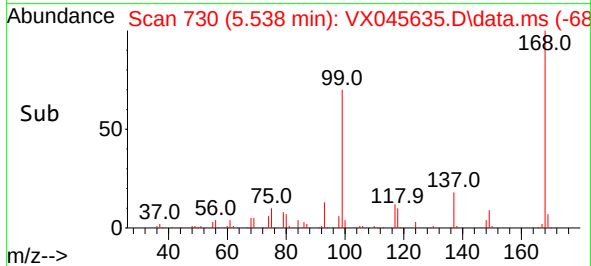
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 102550
Ion Ratio Lower Upper
168 100
99 69.7 52.3 78.5

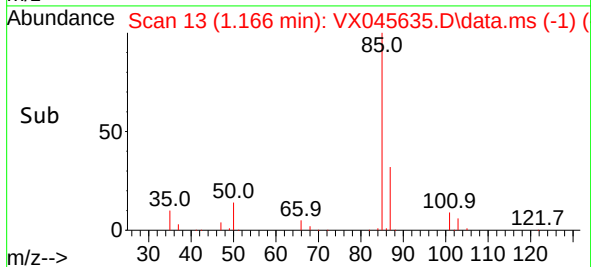
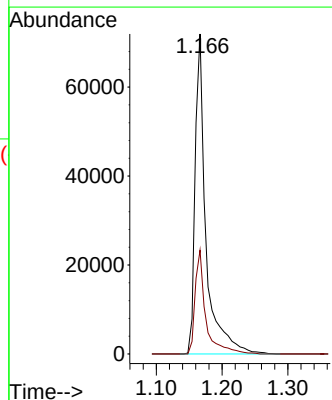
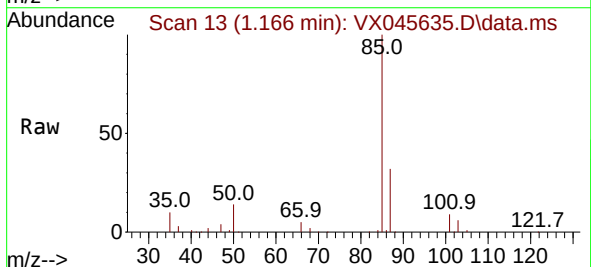
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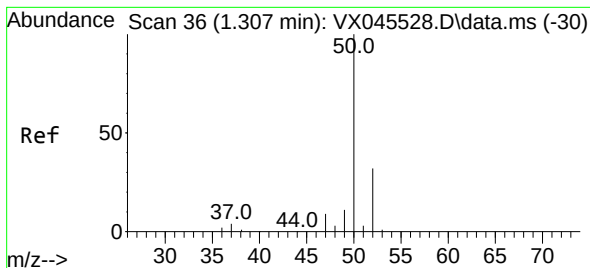
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#2
Dichlorodifluoromethane
Concen: 53.710 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 85 Resp: 82377
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





#3

Chloromethane

Concen: 47.227 ug/l

RT: 1.301 min Scan# 3

Delta R.T. -0.006 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 74414

Ion Ratio Lower Upper

50 100

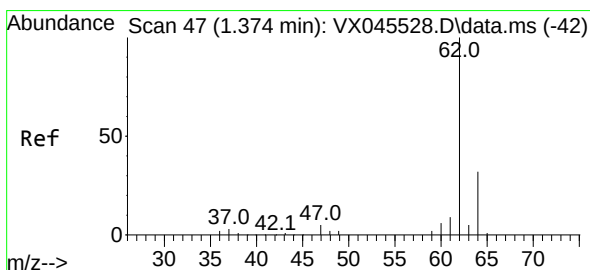
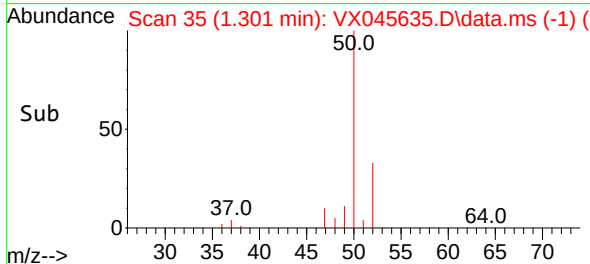
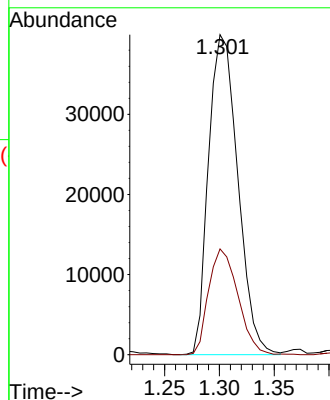
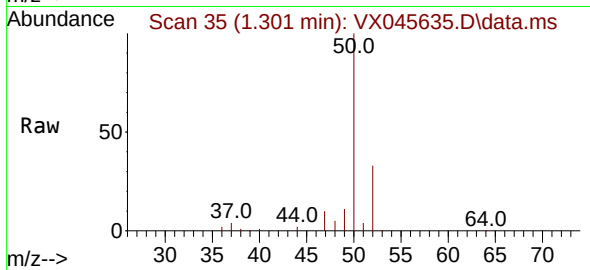
52 33.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#4

Vinyl Chloride

Concen: 48.683 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX045635.D

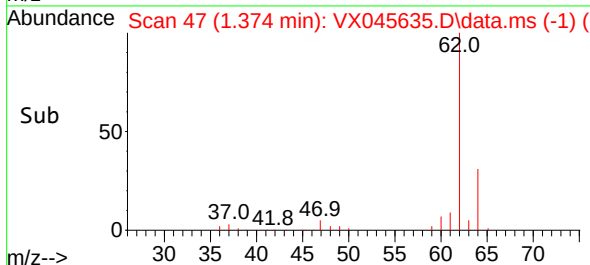
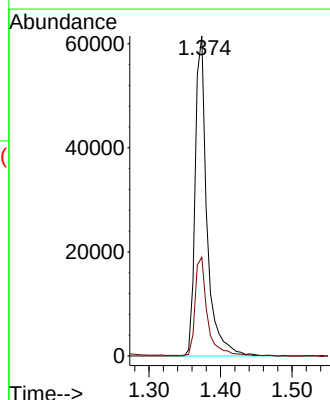
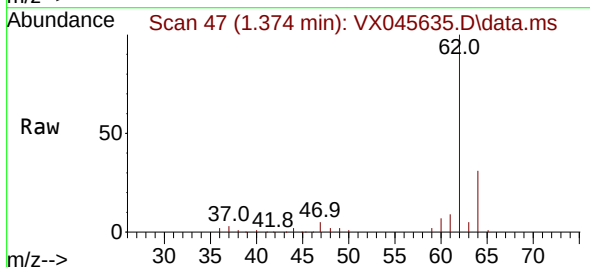
Acq: 08 Apr 2025 08:24

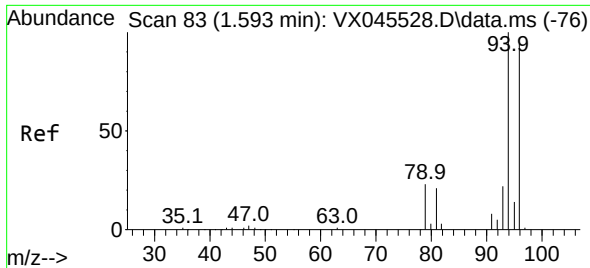
Tgt Ion: 62 Resp: 70200

Ion Ratio Lower Upper

62 100

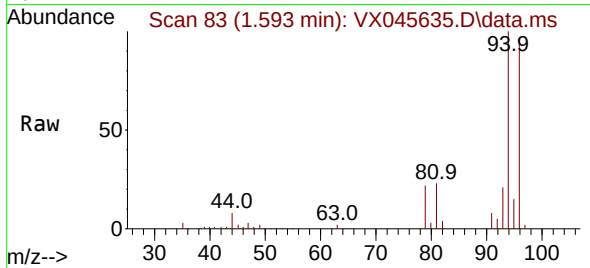
64 30.9 25.5 38.3





#5
Bromomethane
Concen: 46.234 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

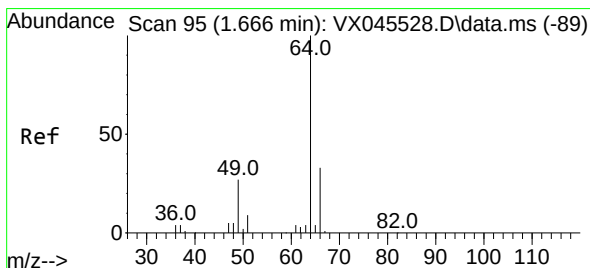
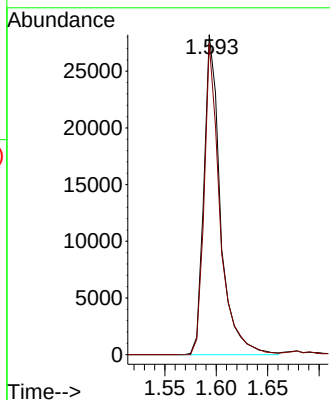
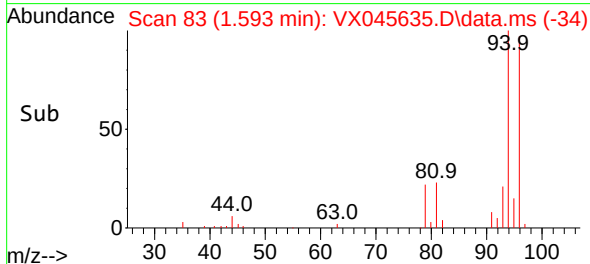
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 3161
Ion Ratio Lower Upper
94 100
96 97.3 74.8 112.2

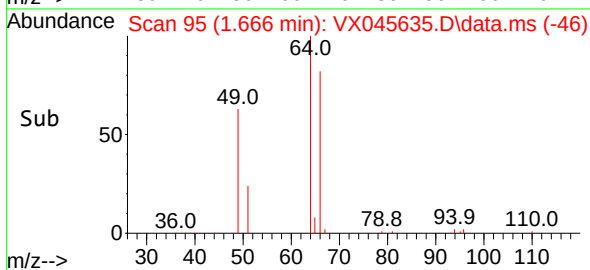
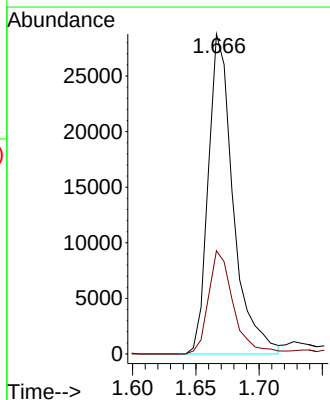
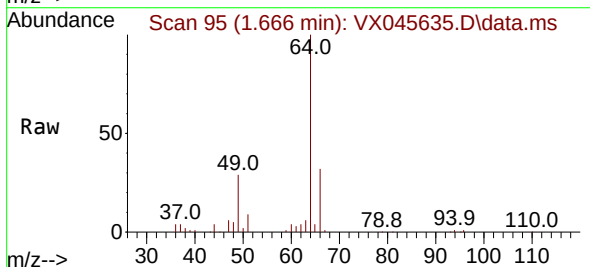
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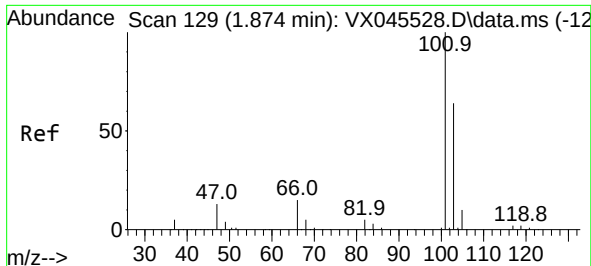
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#6
Chloroethane
Concen: 51.576 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

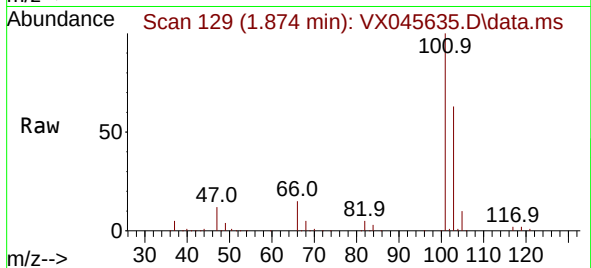
Tgt Ion: 64 Resp: 39458
Ion Ratio Lower Upper
64 100
66 32.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 50.974 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

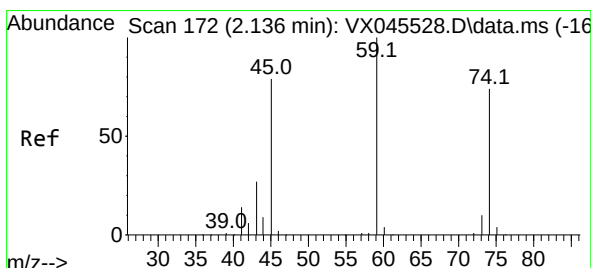
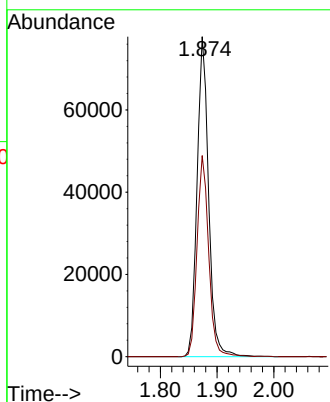
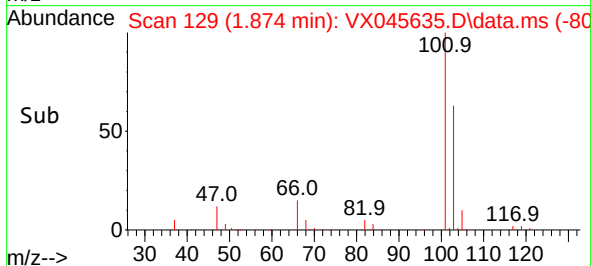
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 109600
Ion Ratio Lower Upper
101 100
103 62.9 51.1 76.7

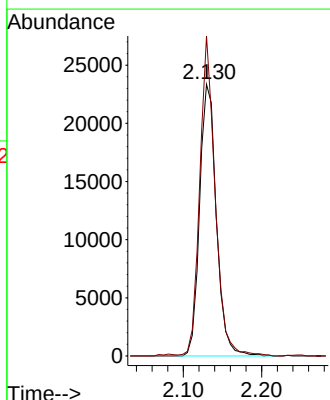
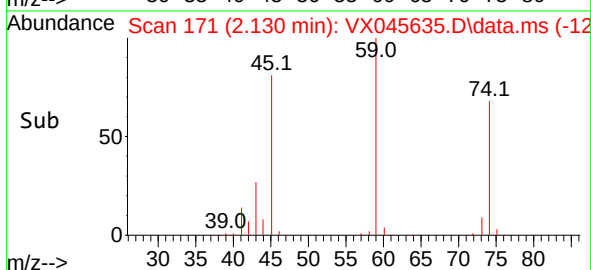
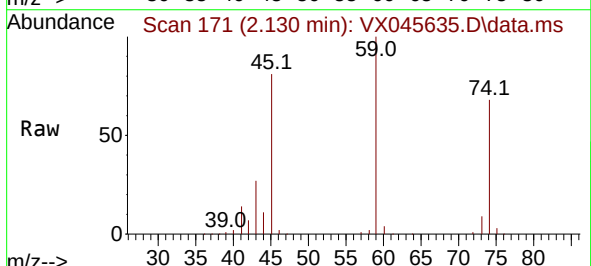
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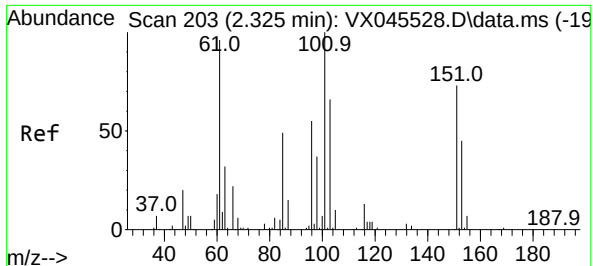
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#8
Diethyl Ether
Concen: 47.944 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 74 Resp: 34611
Ion Ratio Lower Upper
74 100
45 108.9 53.0 159.1





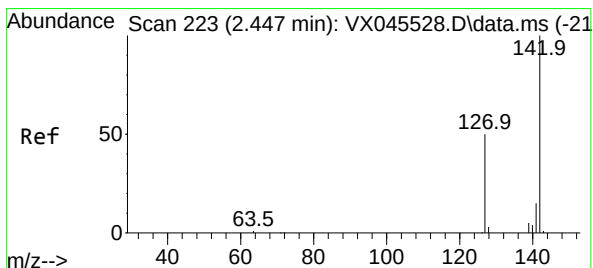
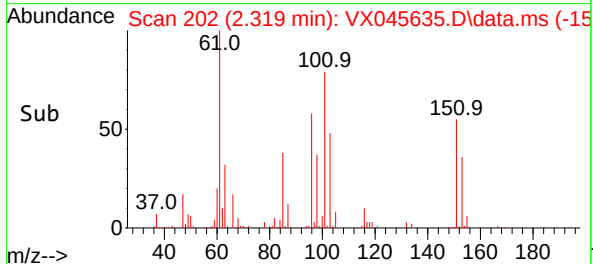
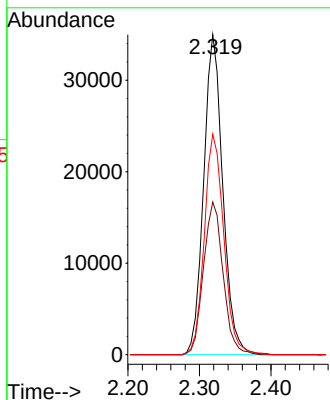
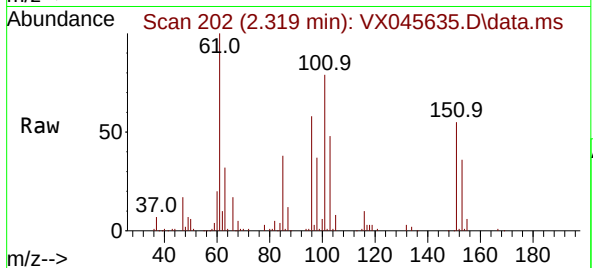
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.623 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 6504
Ion Ratio Lower Upper
101 100
85 48.9 38.9 58.3
151 70.5 57.5 86.3

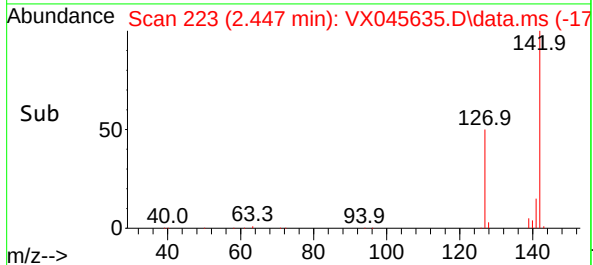
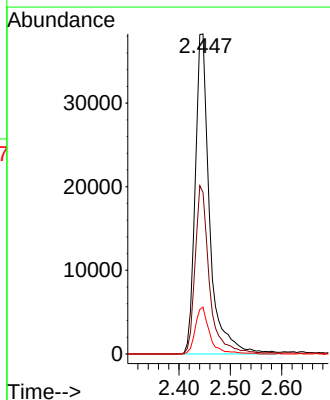
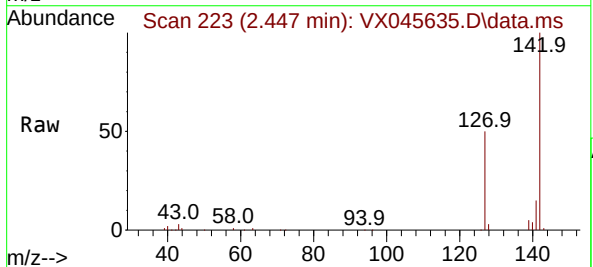
Manual Integrations
APPROVED

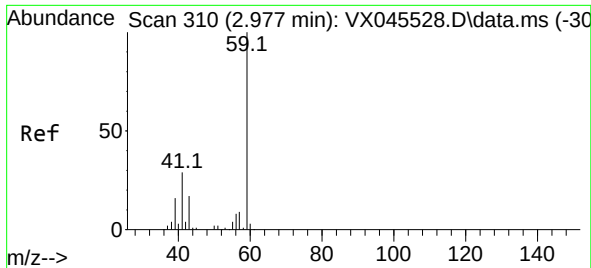
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#10
Methyl Iodide
Concen: 47.589 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion:142 Resp: 74792
Ion Ratio Lower Upper
142 100
127 52.1 40.2 60.4
141 14.6 11.7 17.5





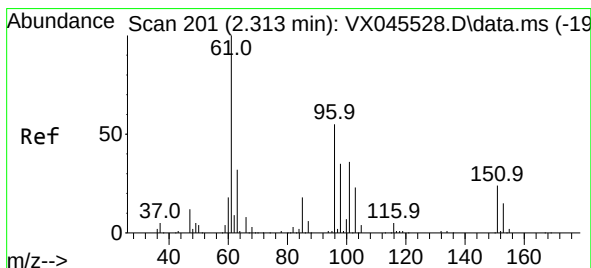
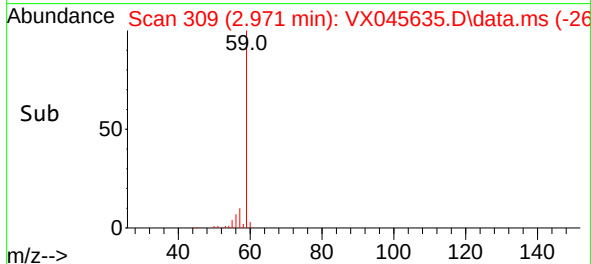
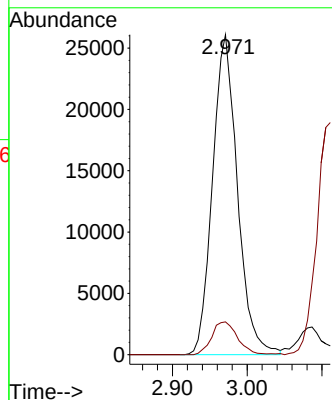
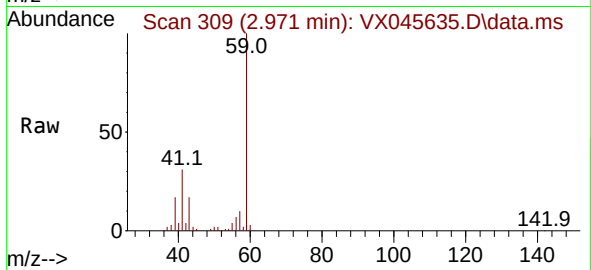
#11
Tert butyl alcohol
Concen: 239.647 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 6040
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

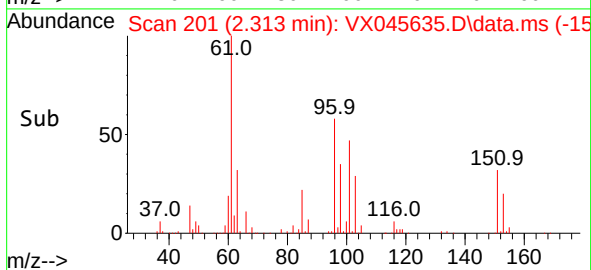
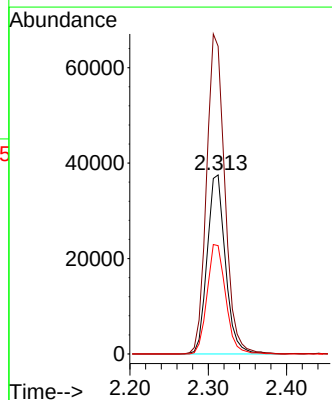
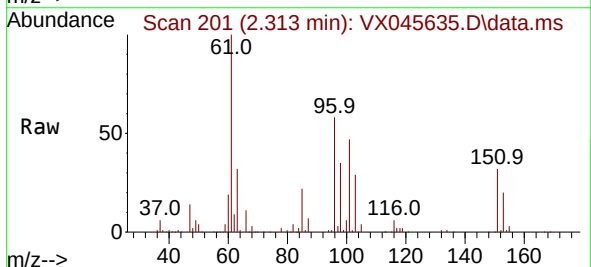
Manual Integrations
APPROVED

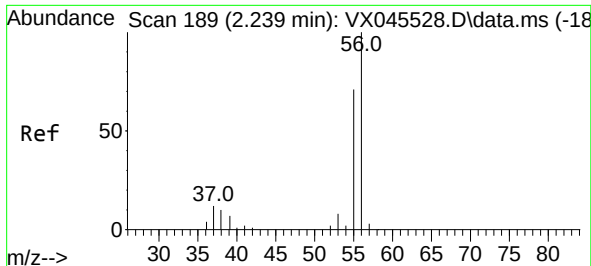
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#12
1,1-Dichloroethene
Concen: 49.260 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 96 Resp: 60648
Ion Ratio Lower Upper
96 100
61 171.8 145.7 218.5
98 60.5 51.6 77.4





#13

Acrolein

Concen: 181.175 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 62884

Ion Ratio Lower Upper

56 100

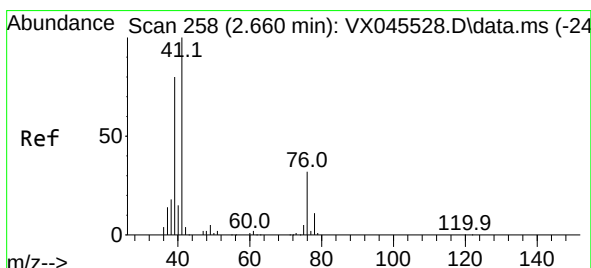
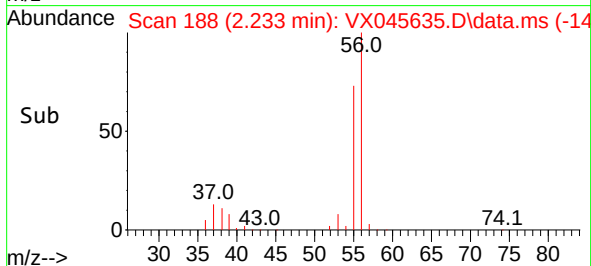
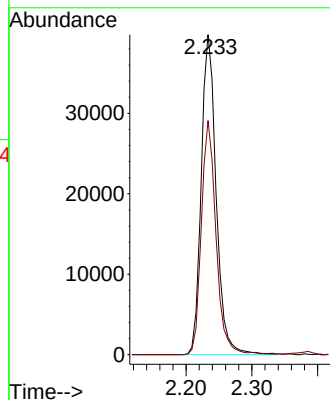
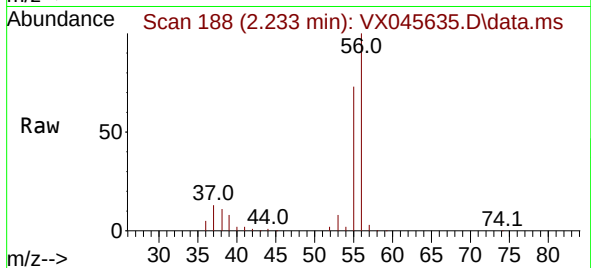
55 72.0 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#14

Allyl chloride

Concen: 49.070 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

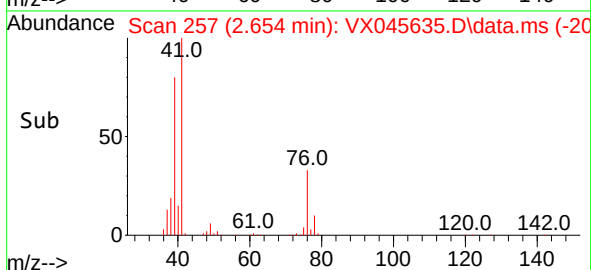
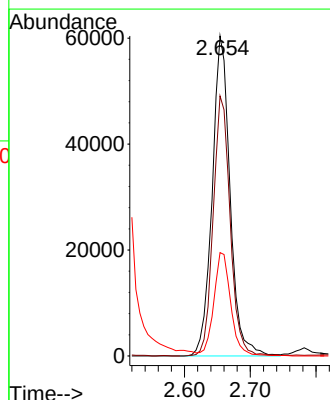
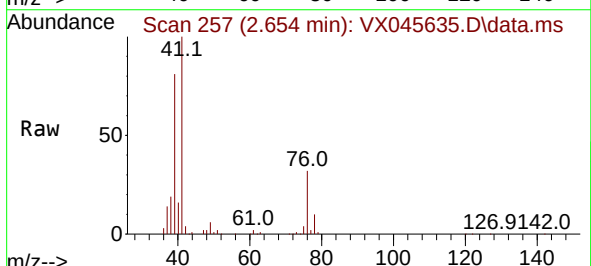
Tgt Ion: 41 Resp: 114629

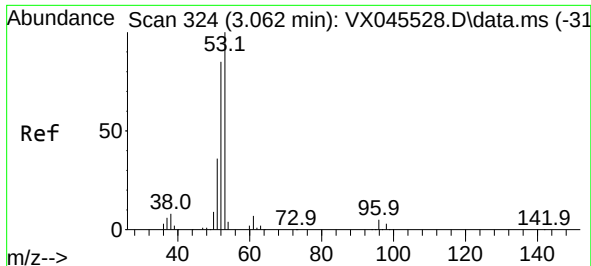
Ion Ratio Lower Upper

41 100

39 77.2 60.2 90.2

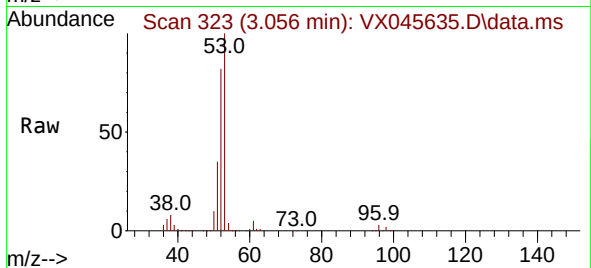
76 30.8 24.6 36.8





#15
Acrylonitrile
Concen: 241.303 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

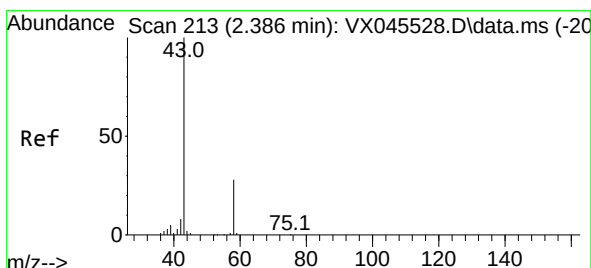
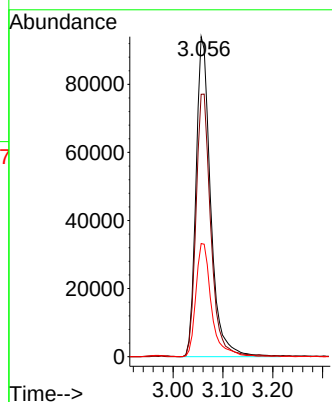
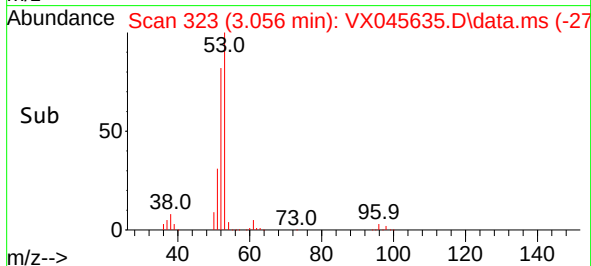
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 191988
Ion Ratio Lower Upper
53 100
52 82.7 67.4 101.2
51 37.5 29.9 44.9

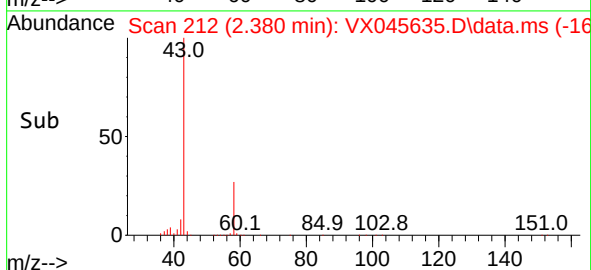
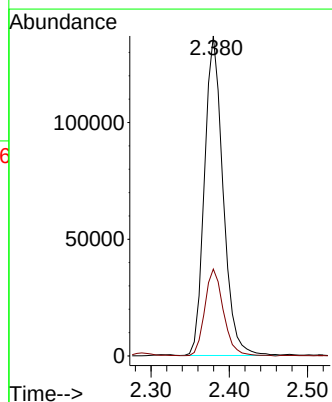
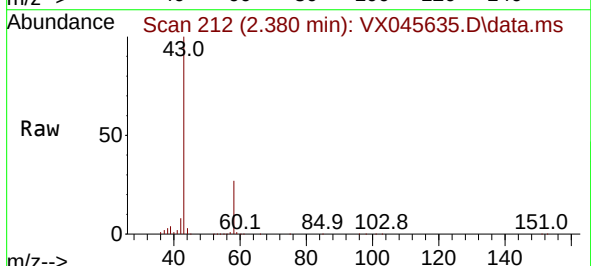
Manual Integrations
APPROVED

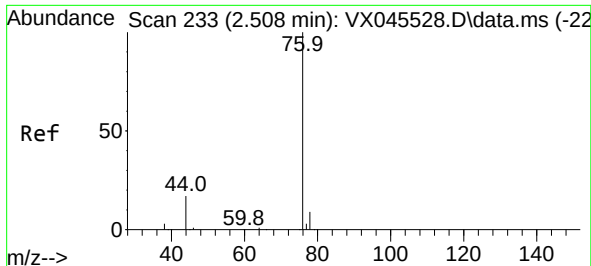
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#16
Acetone
Concen: 292.604 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 43 Resp: 225342
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5





#17

Carbon Disulfide

Concen: 47.932 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14575

Ion Ratio Lower Upper

76 100

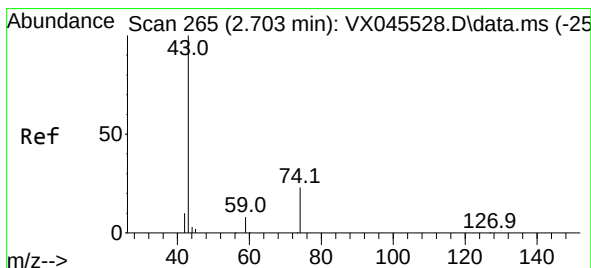
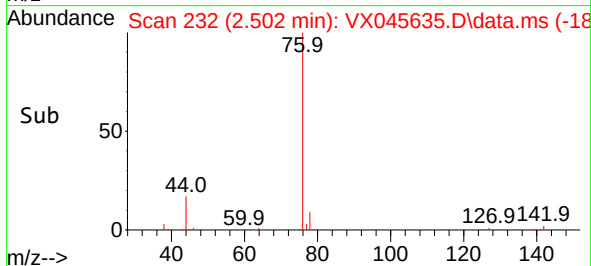
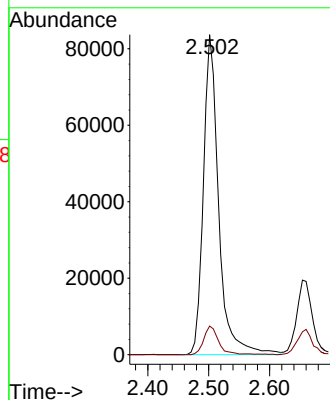
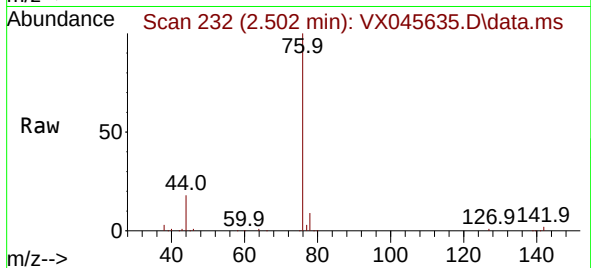
78 8.9 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#18

Methyl Acetate

Concen: 51.565 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045635.D

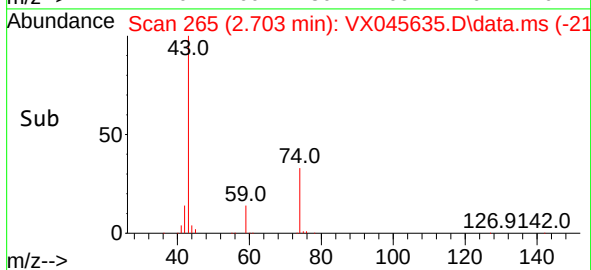
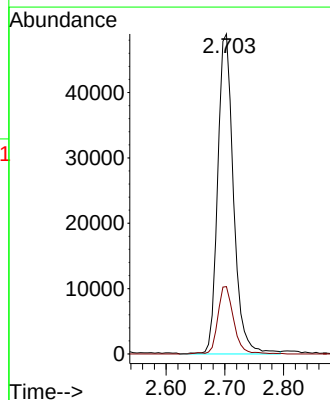
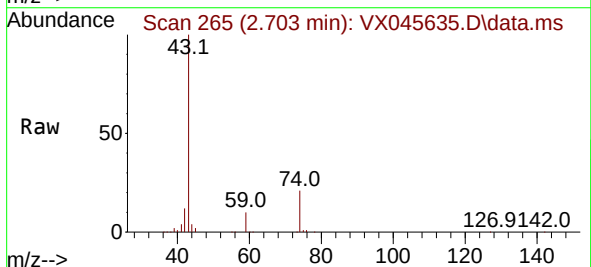
Acq: 08 Apr 2025 08:24

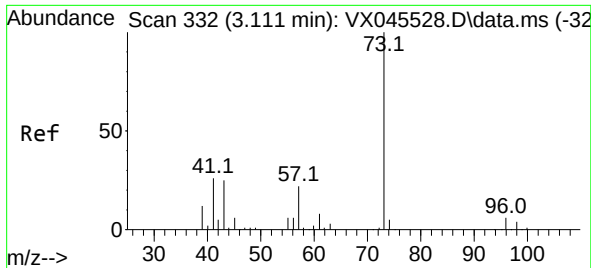
Tgt Ion: 43 Resp: 91430

Ion Ratio Lower Upper

43 100

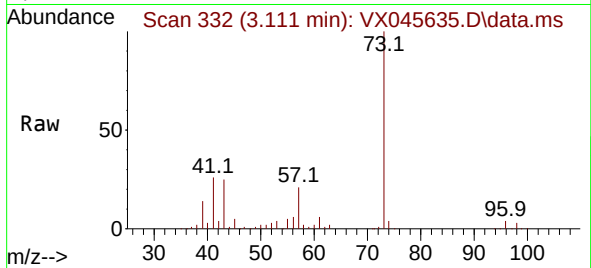
74 21.2 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 48.241 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

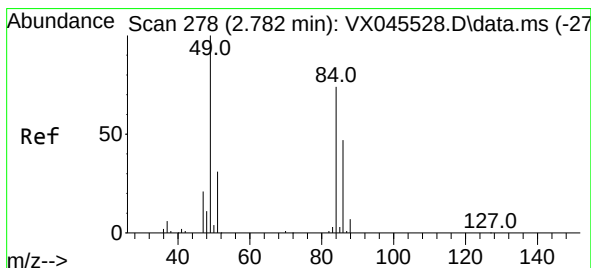
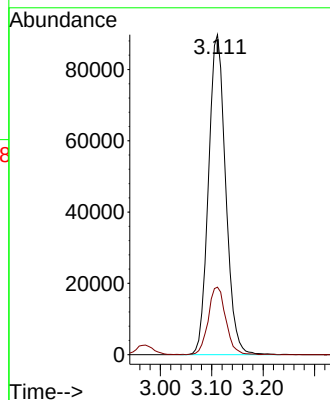
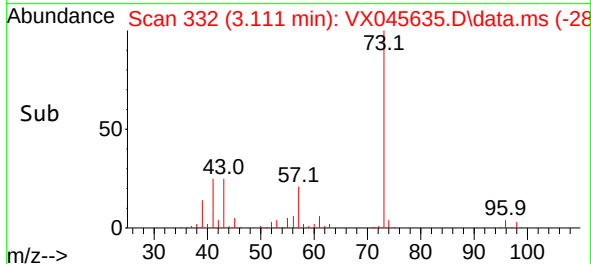
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 207770
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

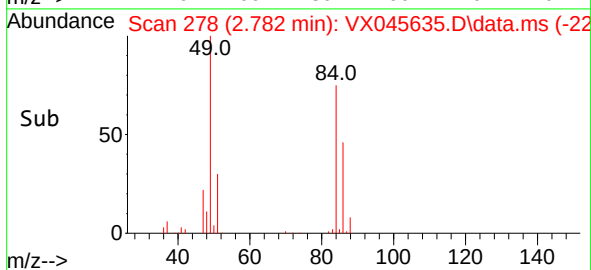
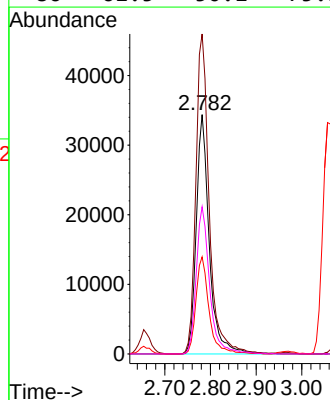
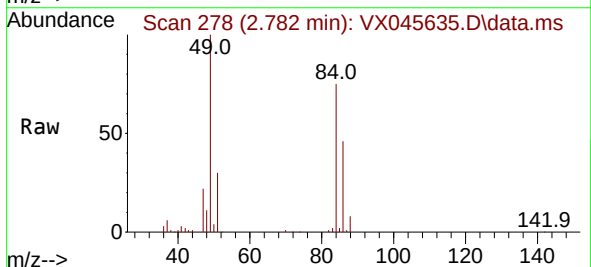
Manual Integrations
APPROVED

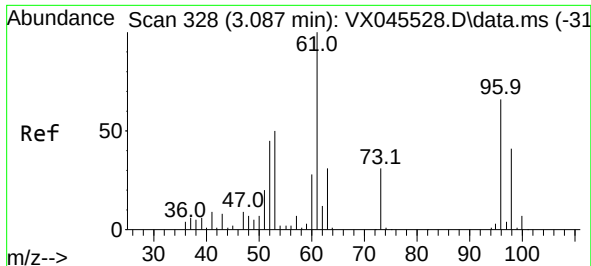
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#20
Methylene Chloride
Concen: 47.138 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 84 Resp: 67962
Ion Ratio Lower Upper
84 100
49 133.7 107.5 161.3
51 40.6 33.0 49.6
86 61.5 50.1 75.1





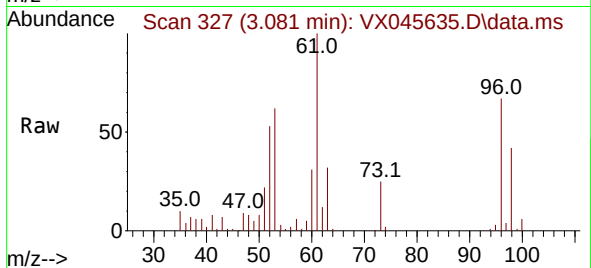
#21
trans-1,2-Dichloroethene
Concen: 47.570 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



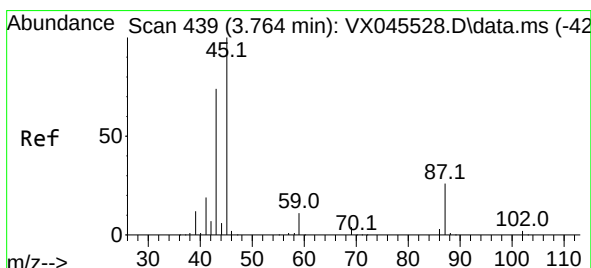
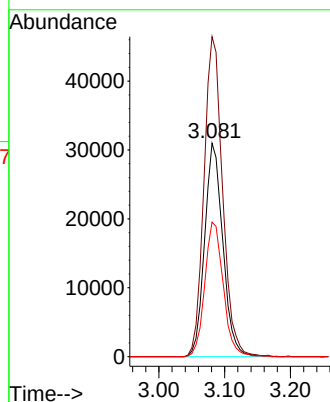
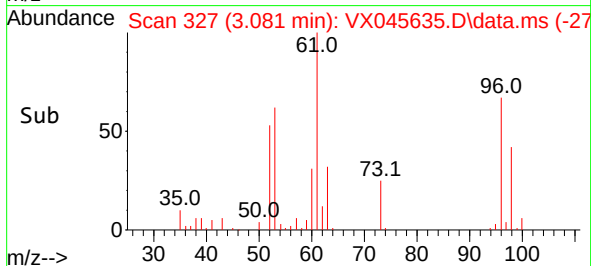
Tgt Ion: 96 Resp: 59834
Ion Ratio Lower Upper
96 100
61 149.9 121.0 181.6
98 63.1 49.7 74.5

Manual Integrations

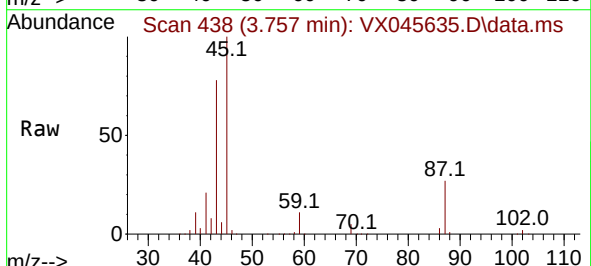
APPROVED

Reviewed By :John Carlone 04/09/2025

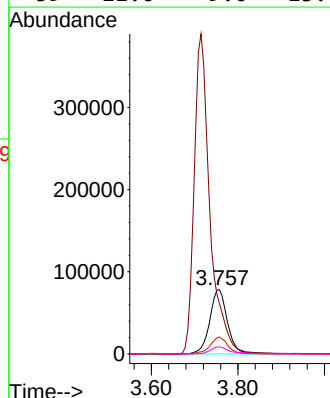
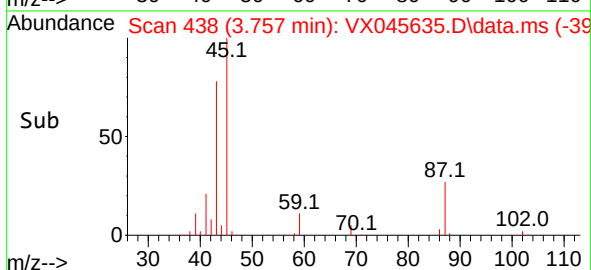
Supervised By :Mahesh Dadoda 04/09/2025

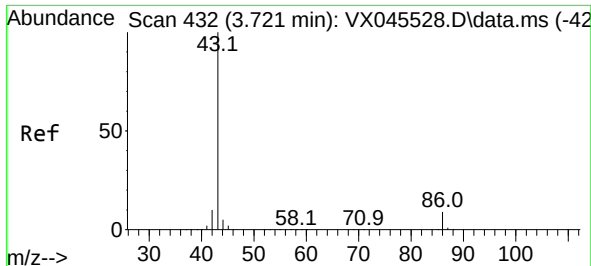


#22
Diisopropyl ether
Concen: 48.259 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24



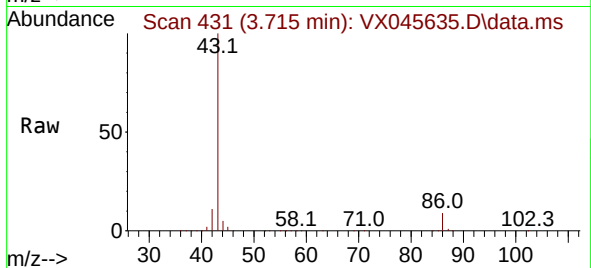
Tgt Ion: 45 Resp: 222069
Ion Ratio Lower Upper
45 100
43 77.5 59.3 88.9
87 26.5 20.4 30.6
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 247.556 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045635.D
 Acq: 08 Apr 2025 08:24

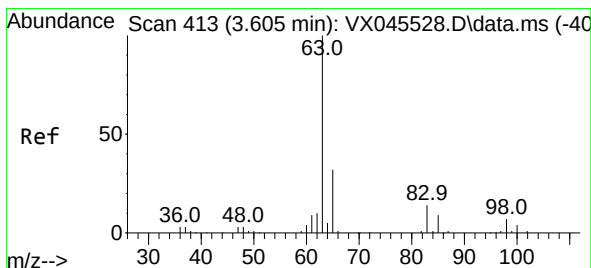
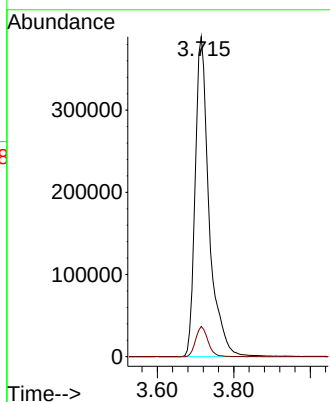
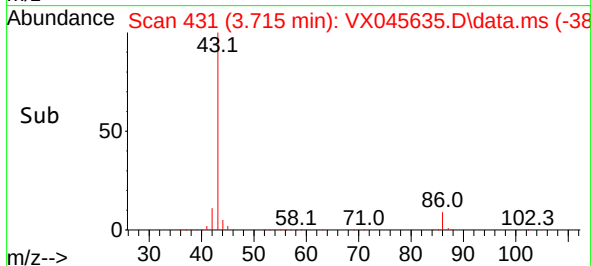
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



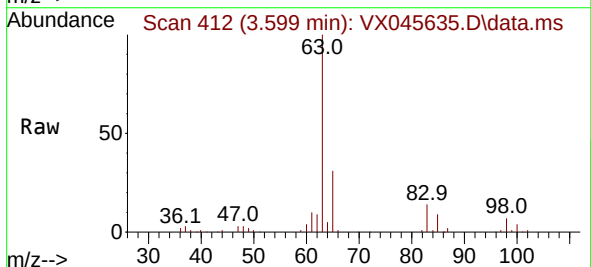
Tgt Ion: 43 Resp: 984228
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

Manual Integrations
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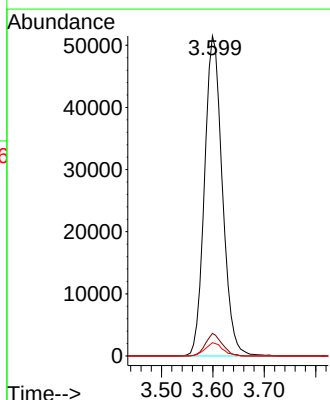
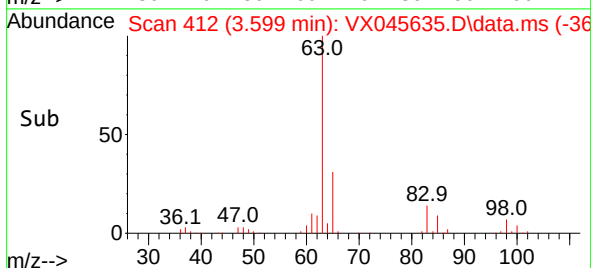
Reviewed By :John Carlone 04/09/2025
 Supervised By :Mahesh Dadoda 04/09/2025

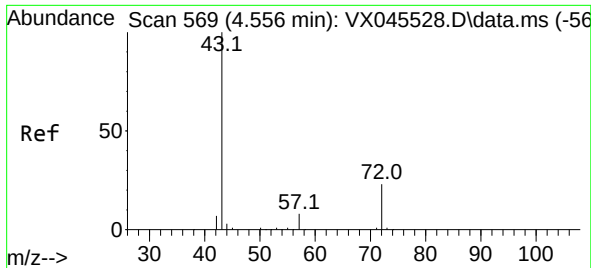


#24
 1,1-Dichloroethane
 Concen: 47.666 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045635.D
 Acq: 08 Apr 2025 08:24



Tgt Ion: 63 Resp: 124046
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.2 2.2 6.6





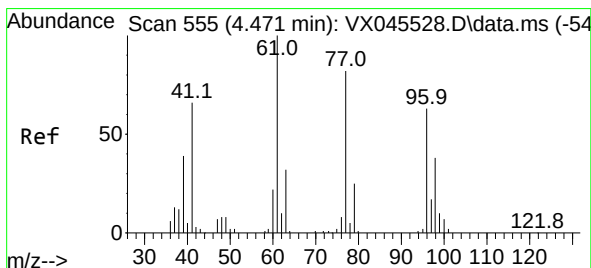
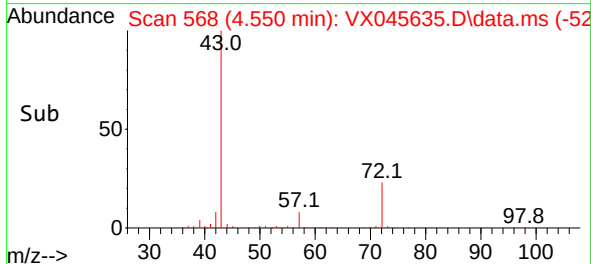
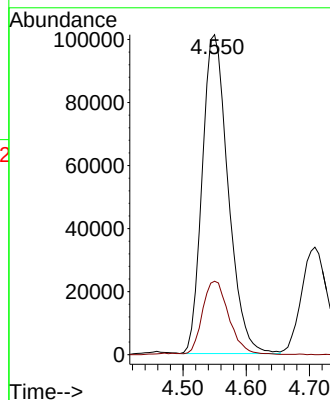
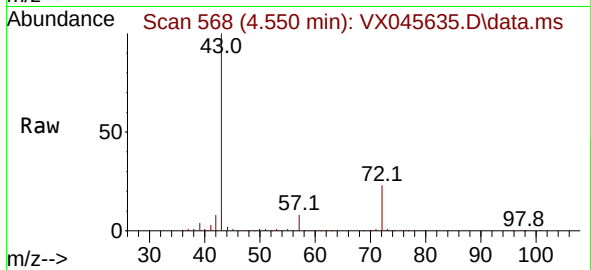
#25
2-Butanone
Concen: 255.736 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28829
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0

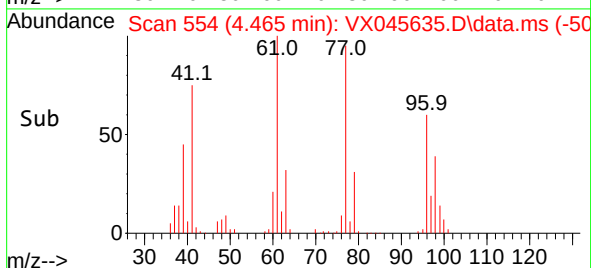
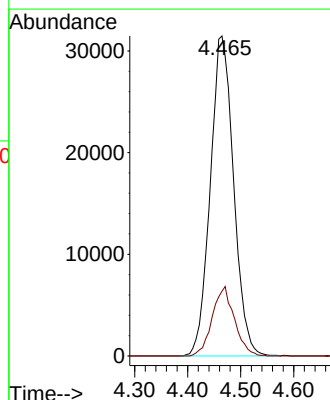
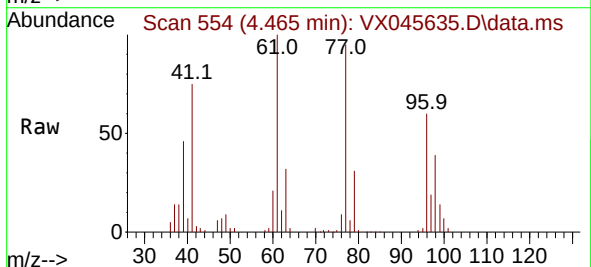
Manual Integrations
APPROVED

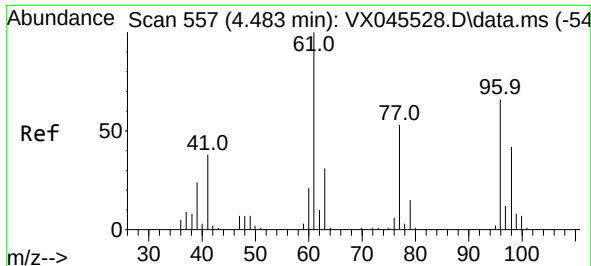
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#26
2,2-Dichloropropane
Concen: 57.195 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 77 Resp: 96168
Ion Ratio Lower Upper
77 100
97 20.6 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 46.961 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 71964

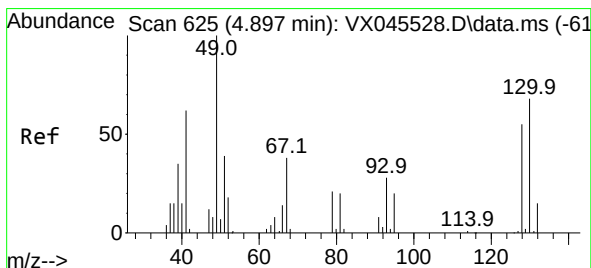
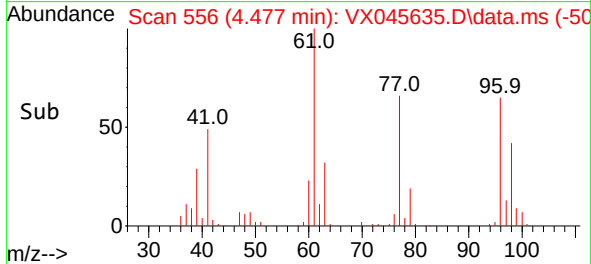
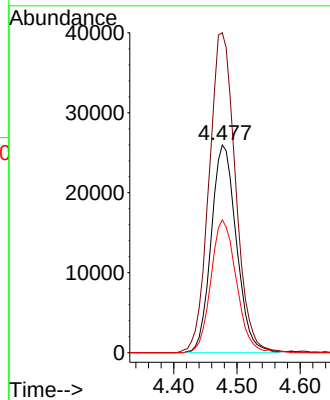
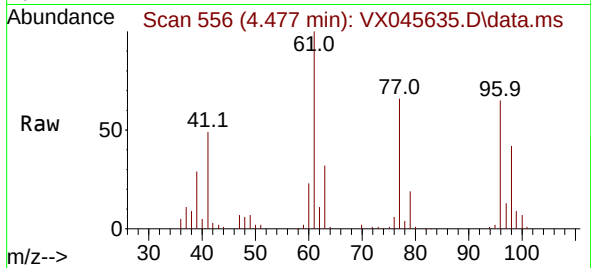
Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	313.2
98	64.4	0.0	126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#28

Bromochloromethane

Concen: 49.204 ug/l

RT: 4.885 min Scan# 623

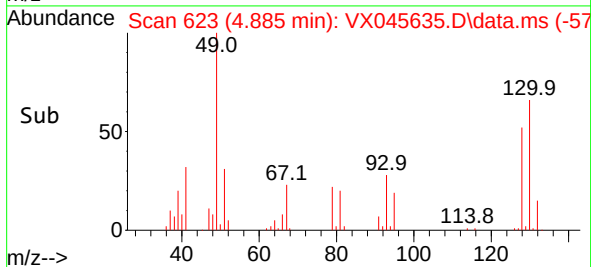
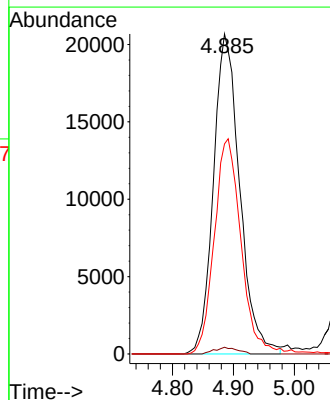
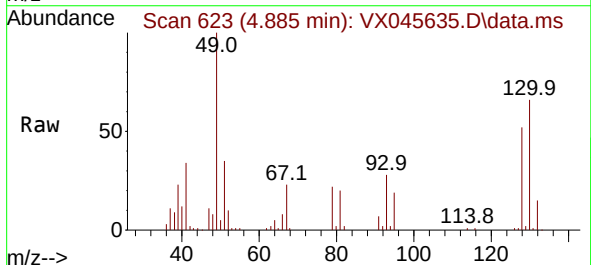
Delta R.T. -0.012 min

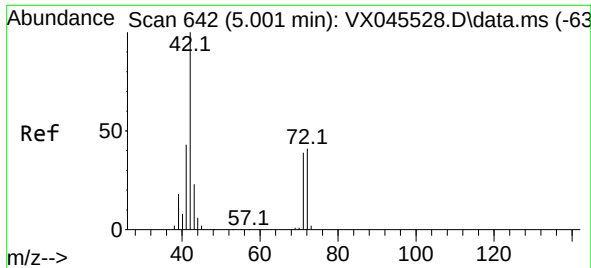
Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Tgt Ion: 49 Resp: 61879

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.8	54.6	81.8





#29

Tetrahydrofuran

Concen: 233.567 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17070

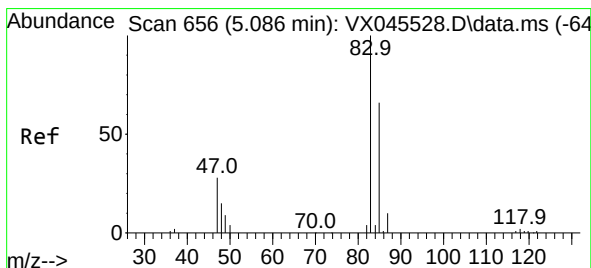
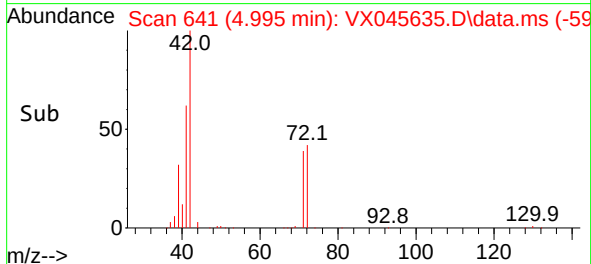
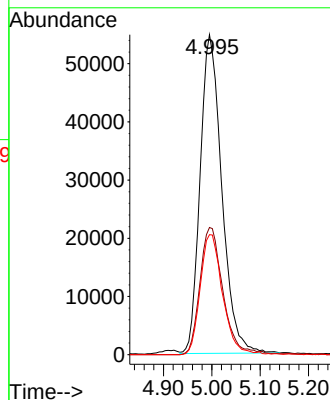
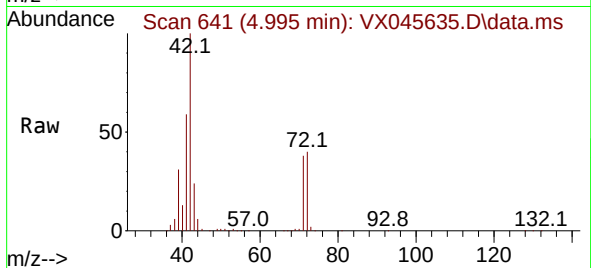
Ion	Ratio	Lower	Upper
42	100		
72	42.4	33.4	50.0
71	38.8	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#30

Chloroform

Concen: 48.085 ug/l

RT: 5.080 min Scan# 655

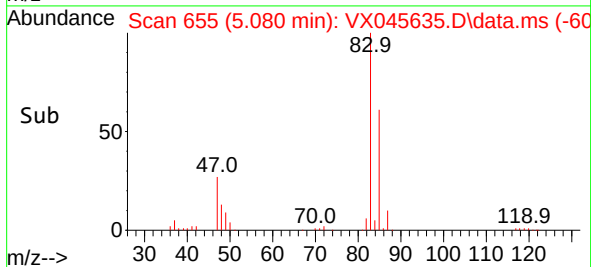
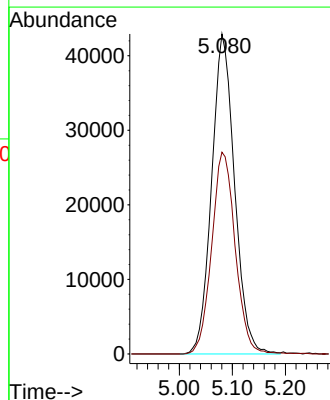
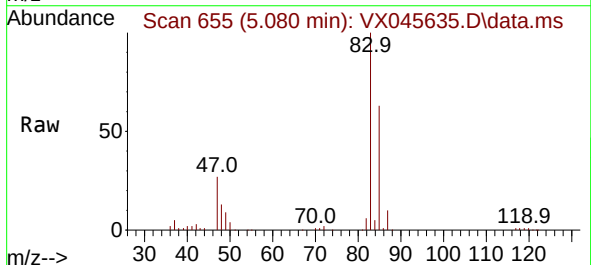
Delta R.T. -0.006 min

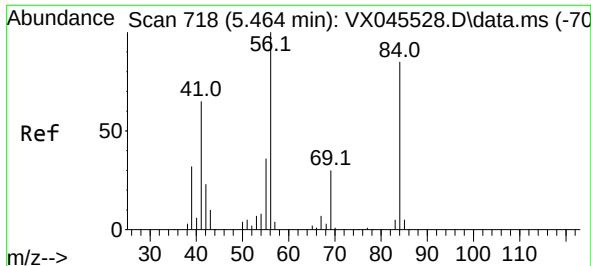
Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Tgt Ion: 83 Resp: 128762

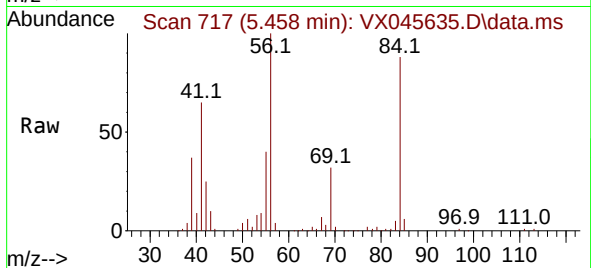
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.8	79.2





#31
Cyclohexane
Concen: 47.533 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

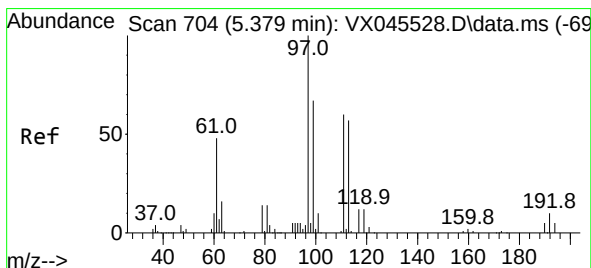
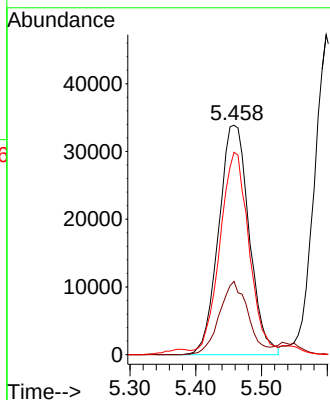
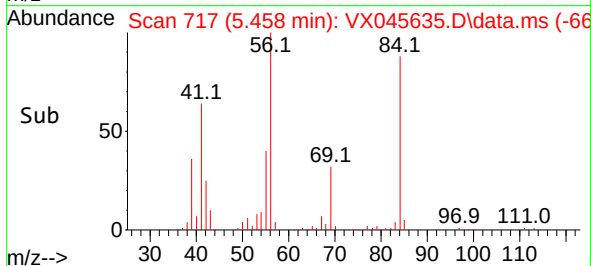
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



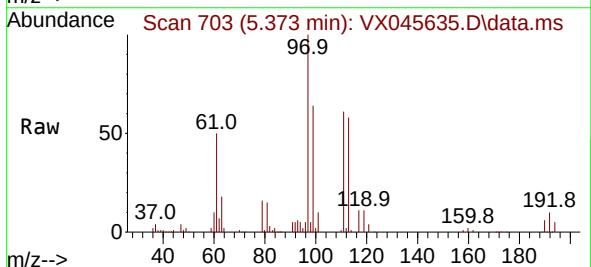
Tgt Ion: 56 Resp: 109350
Ion Ratio Lower Upper
56 100
69 31.9 23.6 35.4
84 85.9 67.7 101.5

Manual Integrations
APPROVED

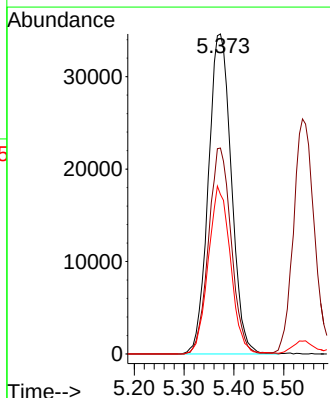
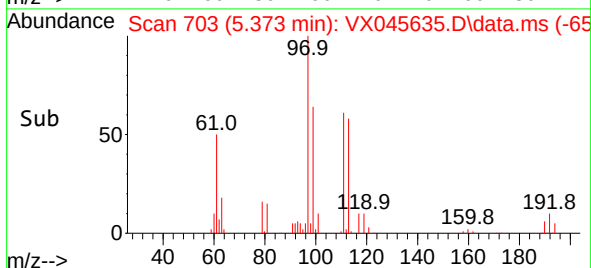
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025

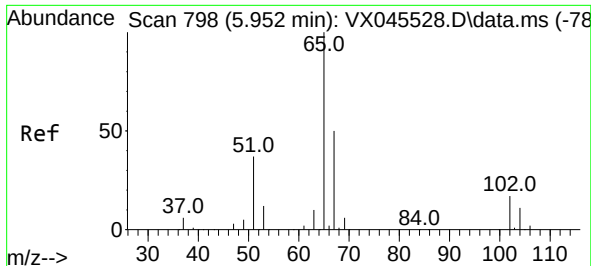


#32
1,1,1-Trichloroethane
Concen: 48.873 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24



Tgt Ion: 97 Resp: 110738
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 51.0 41.0 61.4





#33
1,2-Dichloroethane-d4
Concen: 47.256 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

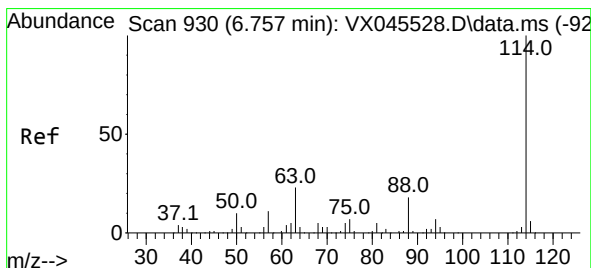
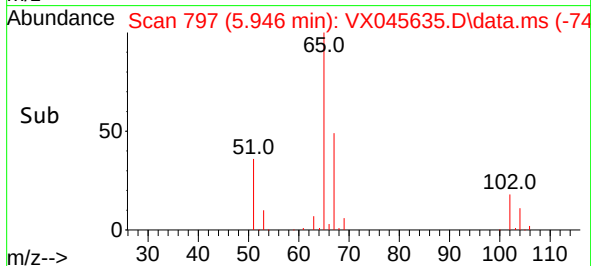
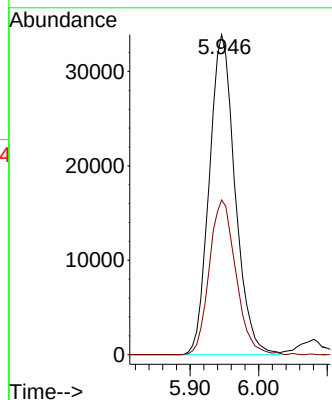
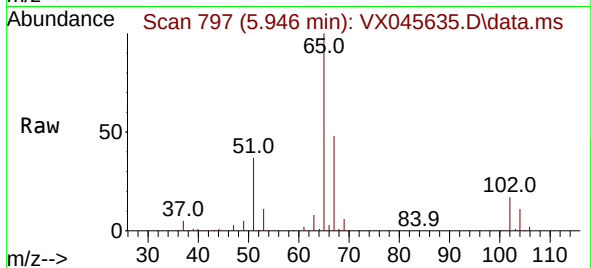
VSTDCCC050

Tgt Ion: 65 Resp: 88628
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

Manual Integrations

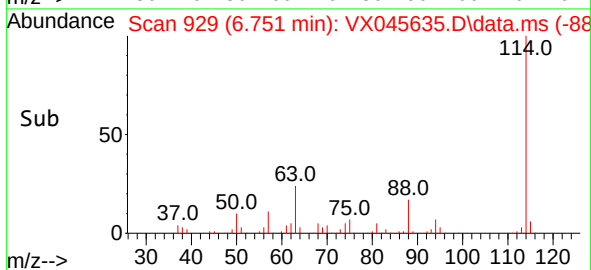
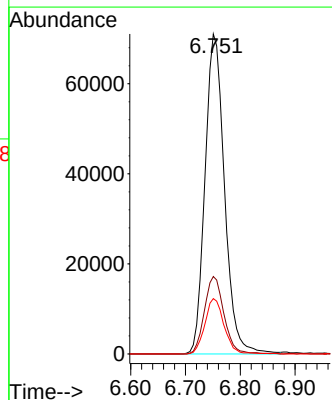
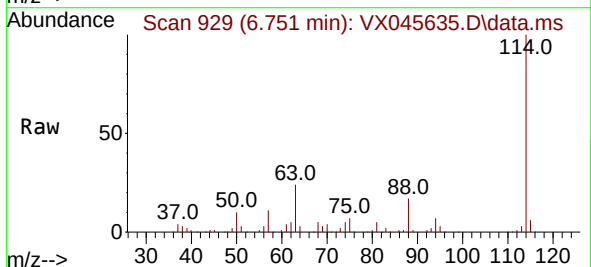
APPROVED

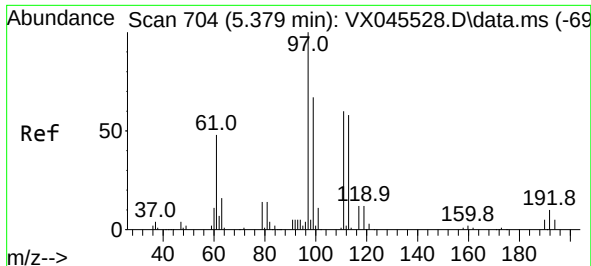
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

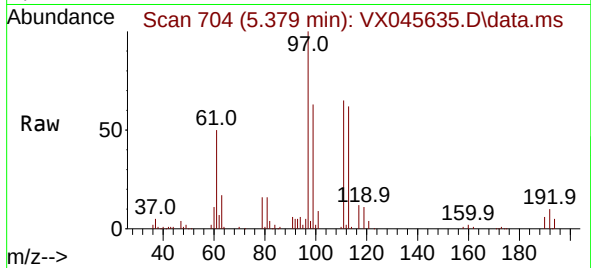
Tgt Ion:114 Resp: 175513
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 17.3 0.0 35.4





#35
Dibromofluoromethane
Concen: 48.943 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

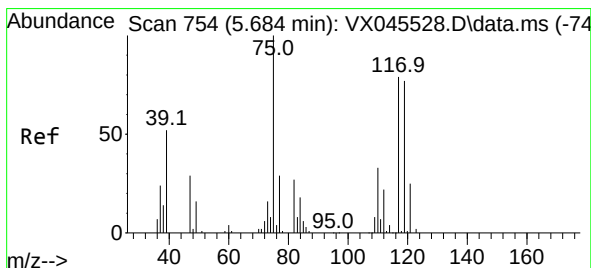
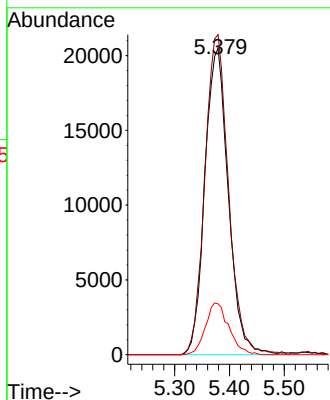
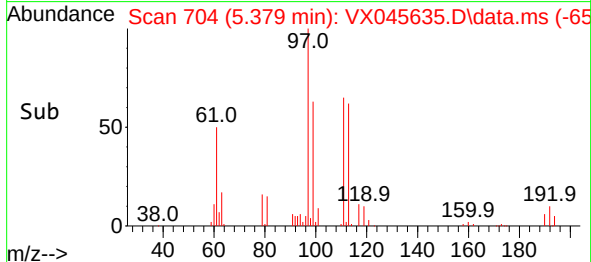
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 6094
Ion Ratio Lower Upper
113 100
111 105.0 81.8 122.6
192 16.8 13.8 20.6

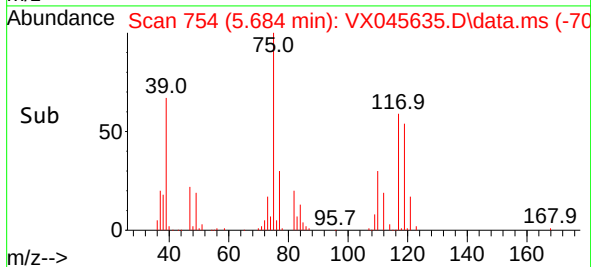
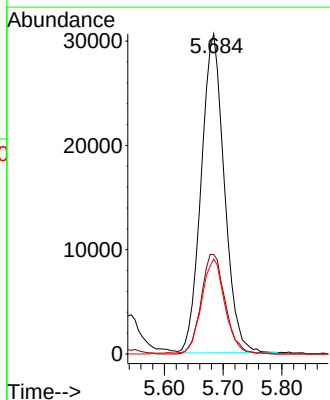
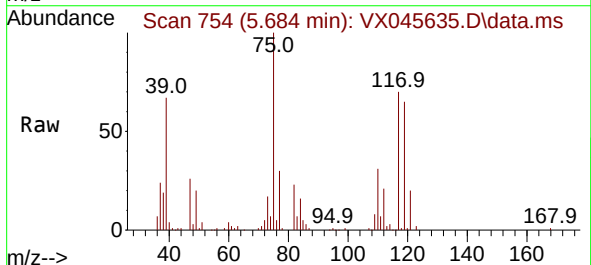
Manual Integrations
APPROVED

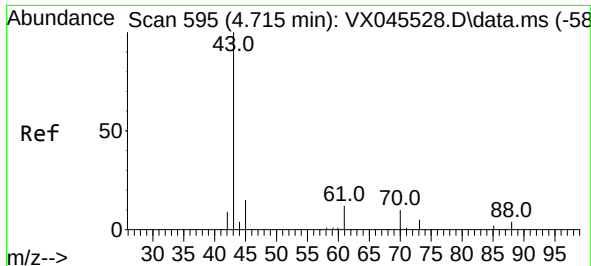
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#36
1,1-Dichloropropene
Concen: 49.722 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

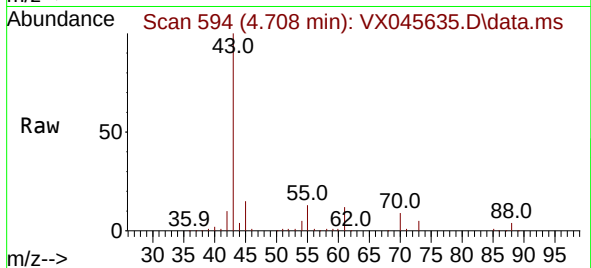
Tgt Ion: 75 Resp: 83600
Ion Ratio Lower Upper
75 100
110 32.5 16.9 50.6
77 30.2 25.0 37.4





#37
Ethyl Acetate
Concen: 48.576 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

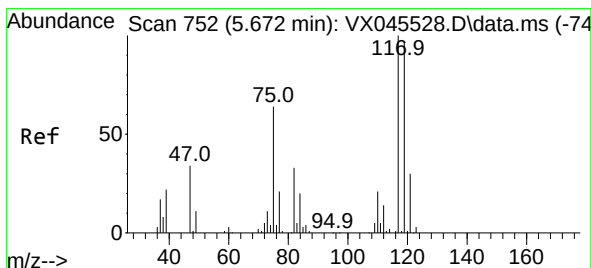
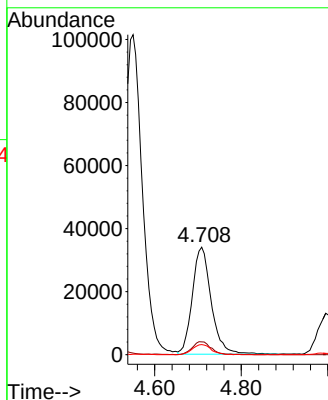
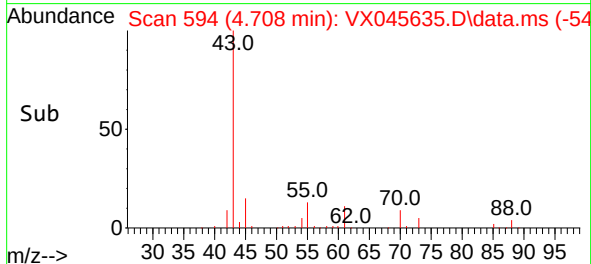
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 102920
Ion Ratio Lower Upper
43 100
61 12.3 9.9 14.9
70 9.4 7.5 11.3

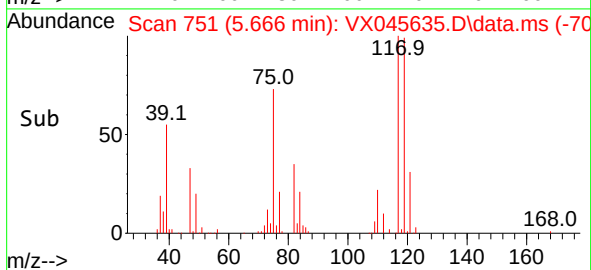
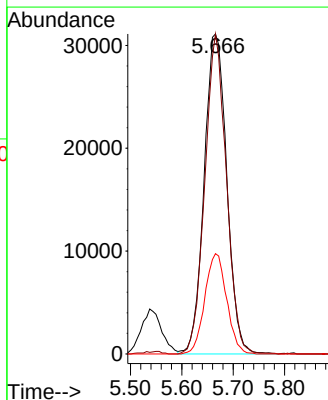
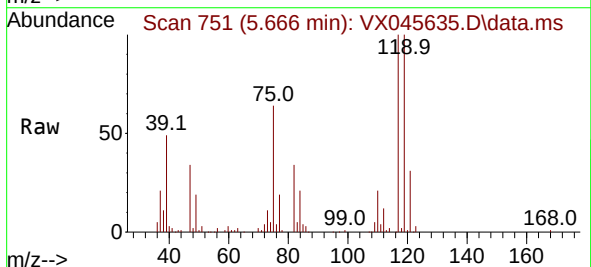
Manual Integrations
APPROVED

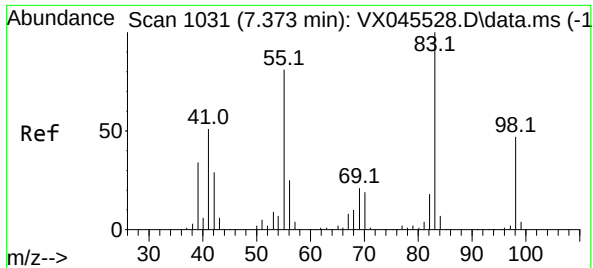
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#38
Carbon Tetrachloride
Concen: 52.293 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

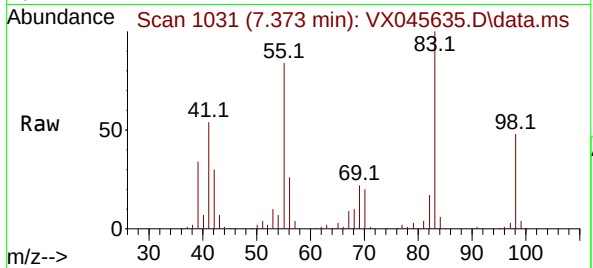
Tgt Ion:117 Resp: 95023
Ion Ratio Lower Upper
117 100
119 100.0 76.9 115.3
121 31.3 24.2 36.2





#39
Methylcyclohexane
Concen: 52.487 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

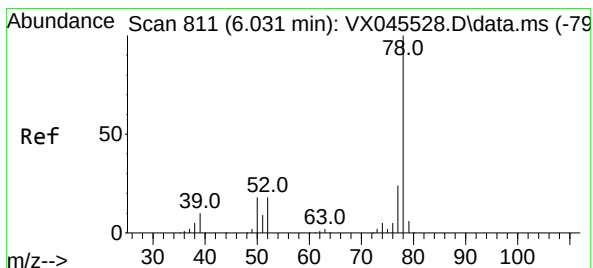
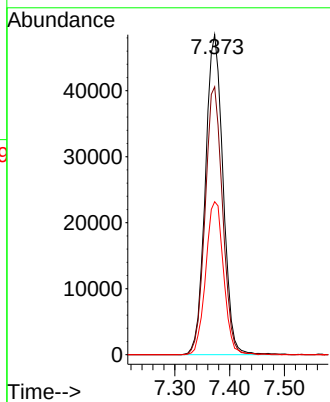
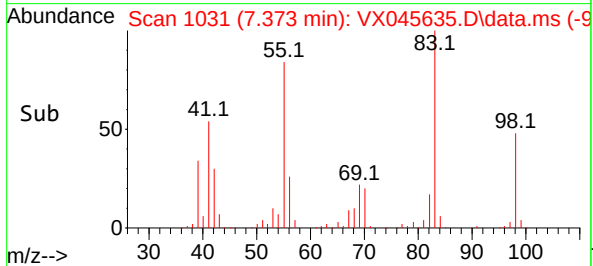
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10817
Ion Ratio Lower Upper
83 100
55 83.7 64.9 97.3
98 47.8 37.4 56.0

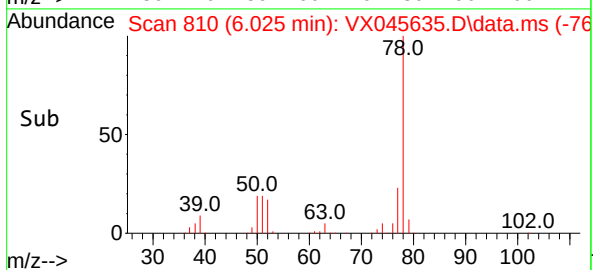
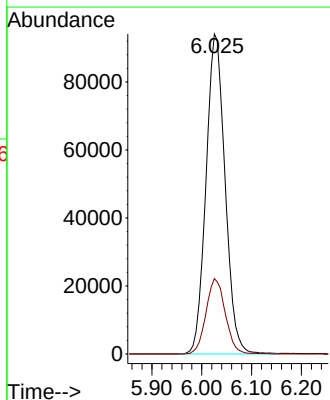
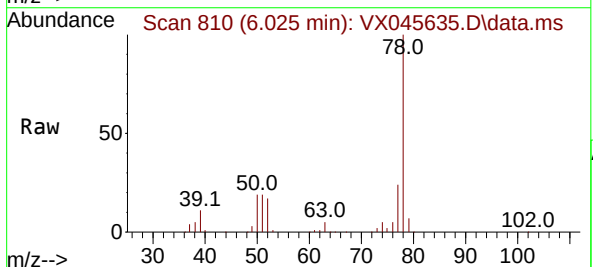
Manual Integrations
APPROVED

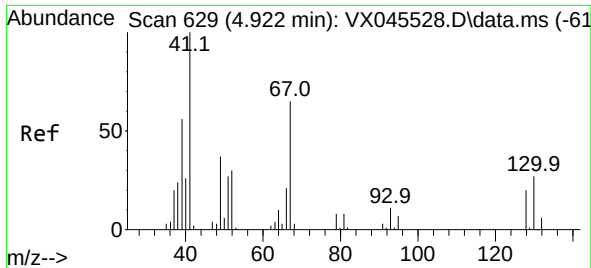
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#40
Benzene
Concen: 48.685 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 78 Resp: 249998
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 52.639 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

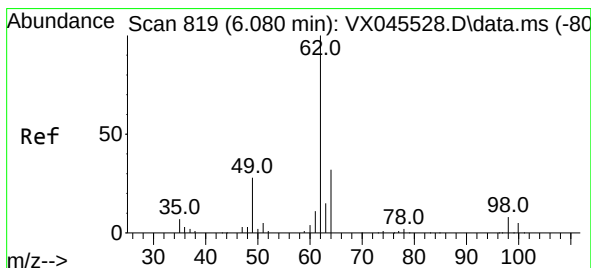
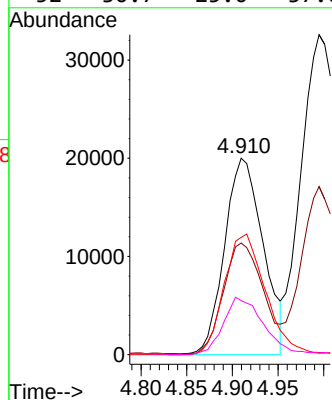
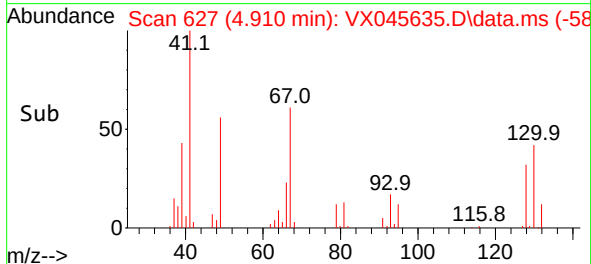
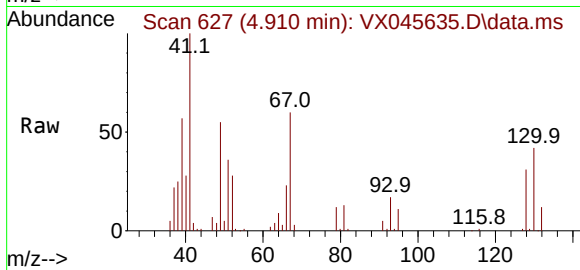
Tgt Ion: 41 Resp: 58849
Ion Ratio Lower Upper
41 100
39 57.8 47.0 70.6
67 65.6 53.2 79.8
52 30.7 25.0 37.6

Manual Integrations

APPROVED

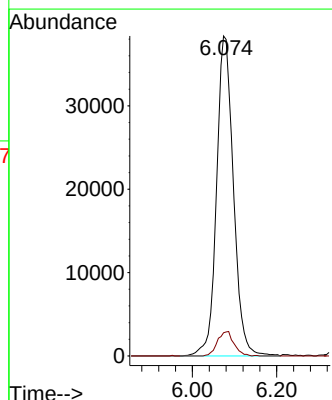
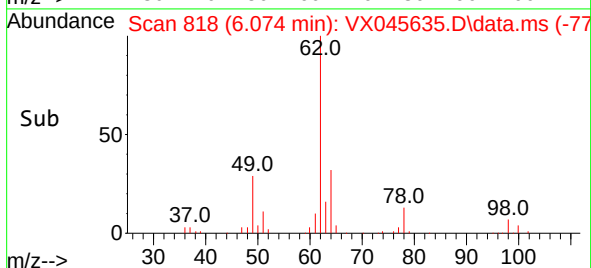
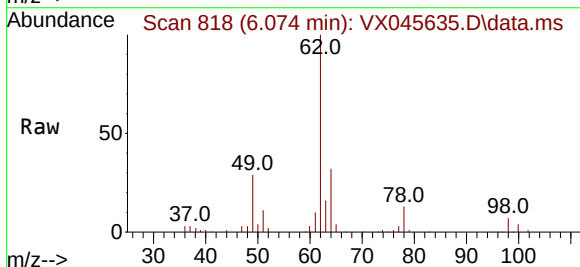
Reviewed By :John Carlone 04/09/2025

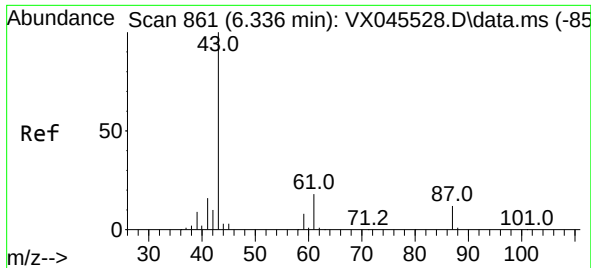
Supervised By :Mahesh Dadoda 04/09/2025



#42
1,2-Dichloroethane
Concen: 50.176 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

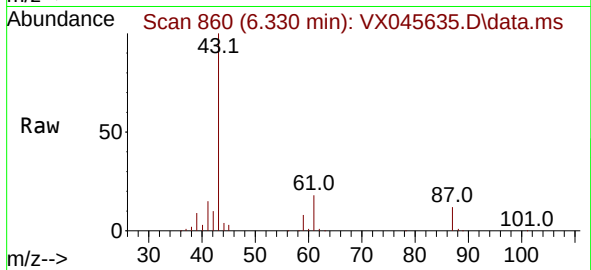
Tgt Ion: 62 Resp: 106419
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 50.067 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

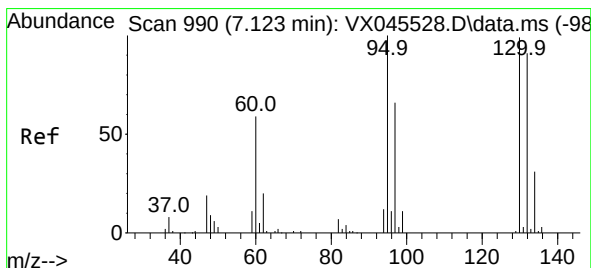
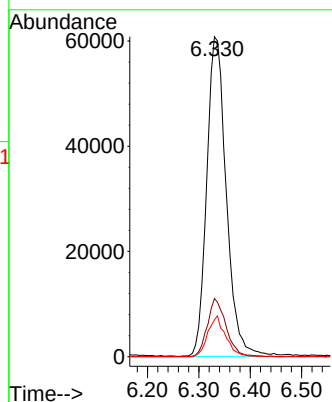
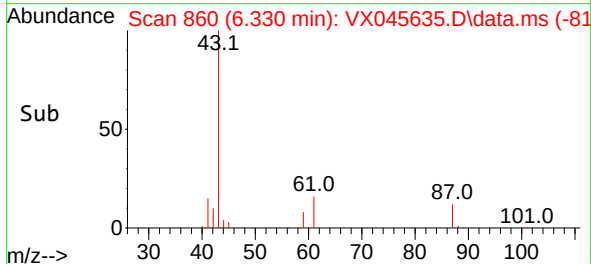
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16078
Ion Ratio Lower Upper
43 100
61 17.3 14.1 21.1
87 11.5 9.2 13.8

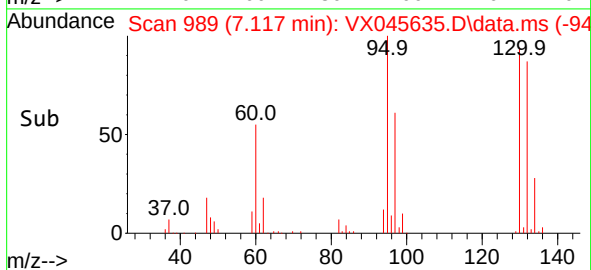
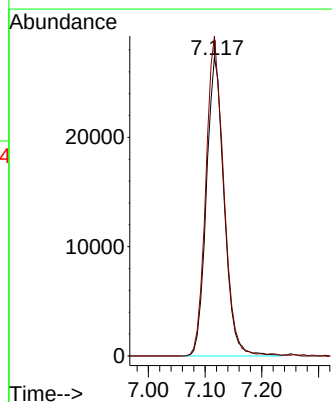
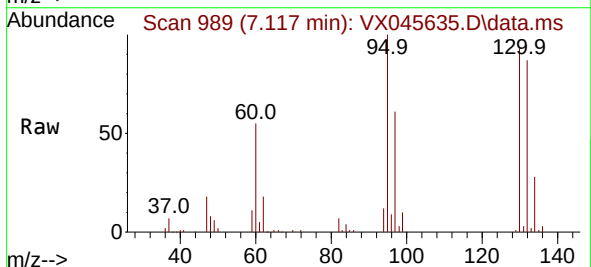
Manual Integrations
APPROVED

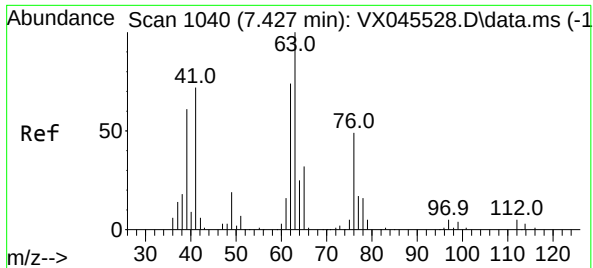
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#44
Trichloroethene
Concen: 48.751 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion:130 Resp: 59501
Ion Ratio Lower Upper
130 100
95 107.1 0.0 202.0





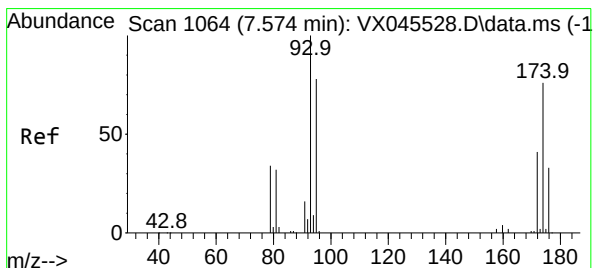
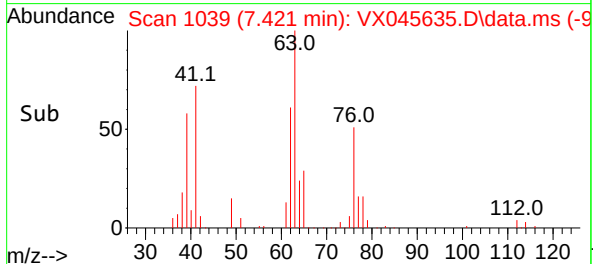
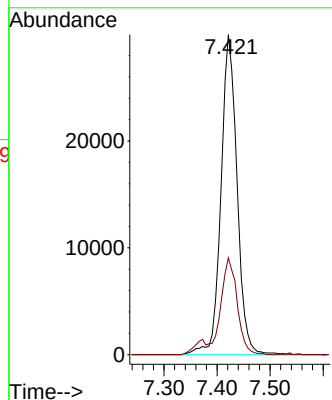
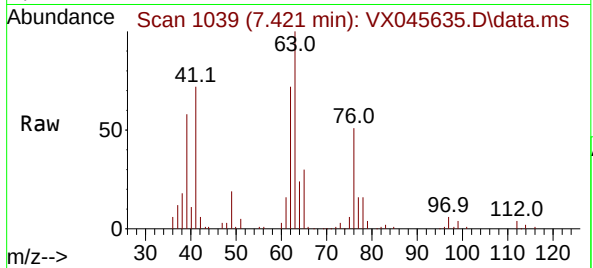
#45
1,2-Dichloropropane
Concen: 49.231 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6307
Ion Ratio Lower Upper
63 100
65 30.2 25.8 38.6

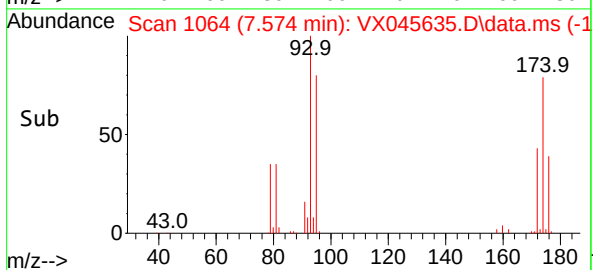
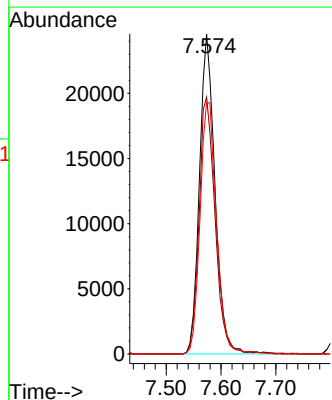
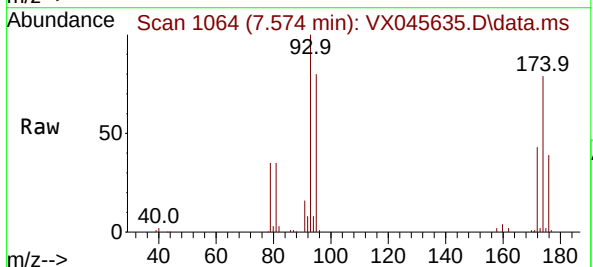
Manual Integrations
APPROVED

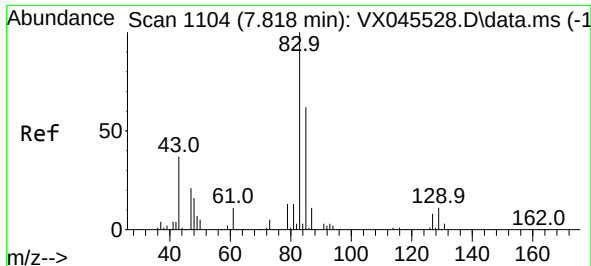
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#46
Dibromomethane
Concen: 49.178 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

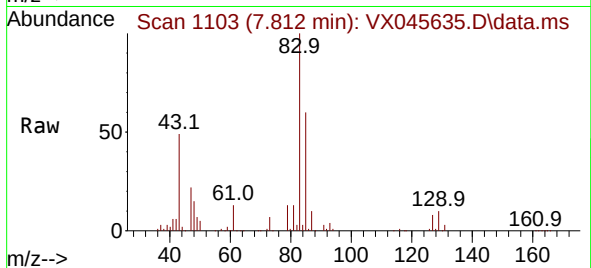
Tgt Ion: 93 Resp: 48368
Ion Ratio Lower Upper
93 100
95 82.5 64.8 97.2
174 83.4 65.4 98.0





#47
Bromodichloromethane
Concen: 50.990 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

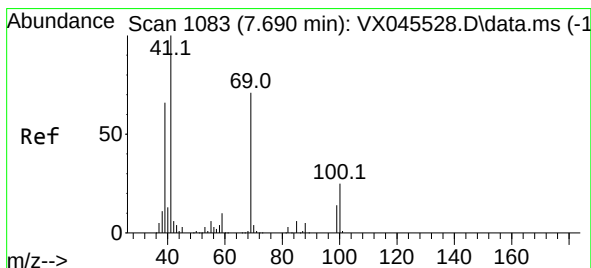
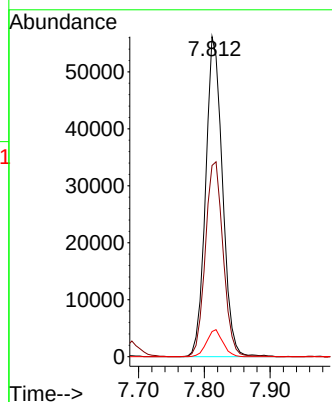
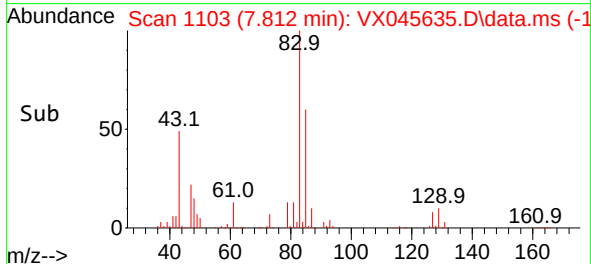
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10015
Ion Ratio Lower Upper
83 100
85 59.8 49.7 74.5
127 7.9 6.1 9.1

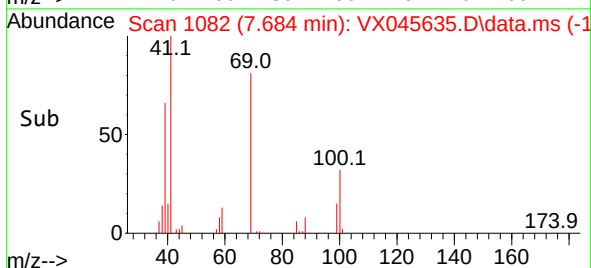
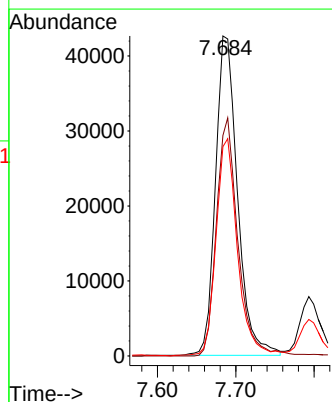
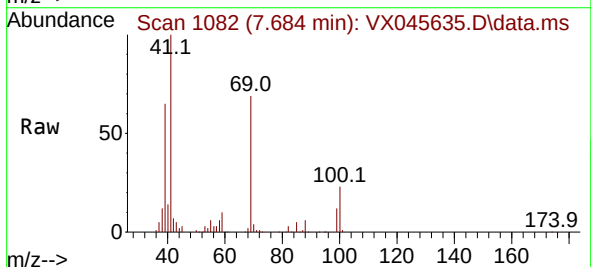
Manual Integrations
APPROVED

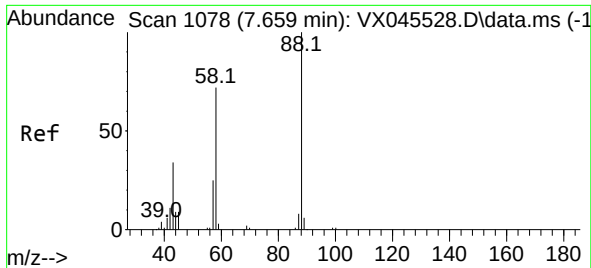
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#48
Methyl methacrylate
Concen: 50.245 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

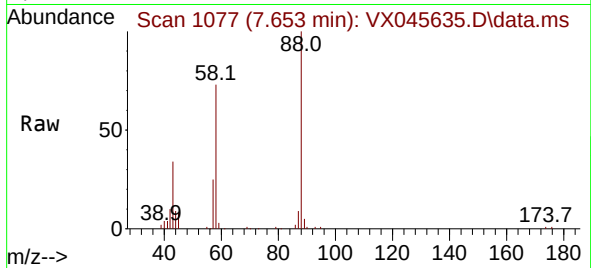
Tgt Ion: 41 Resp: 83311
Ion Ratio Lower Upper
41 100
69 73.2 58.2 87.2
39 66.8 53.6 80.4





#49
1,4-Dioxane
Concen: 1031.580 ug/l
RT: 7.653 min Scan# 110
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

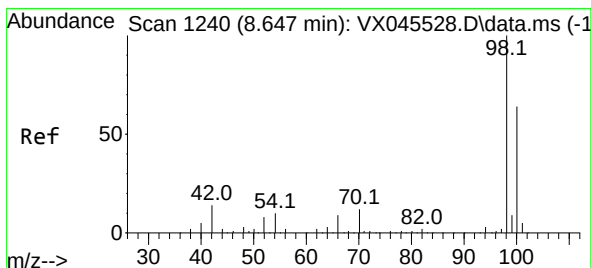
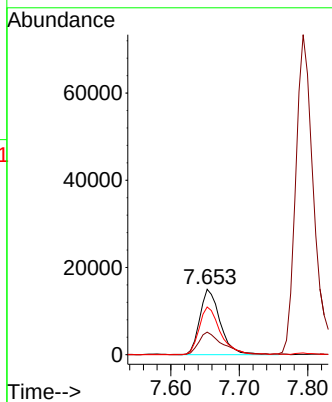
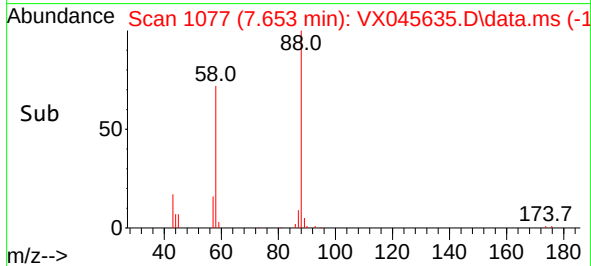
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3094
Ion Ratio Lower Upper
88 100
43 39.7 32.2 48.4
58 76.0 58.6 88.0

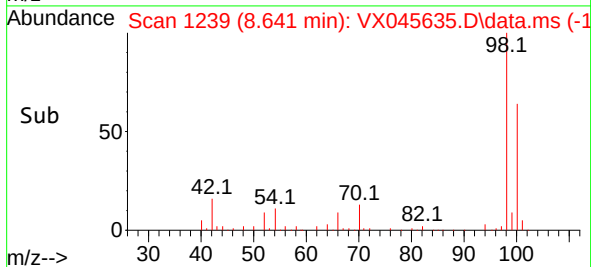
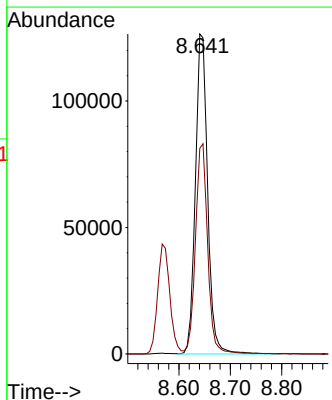
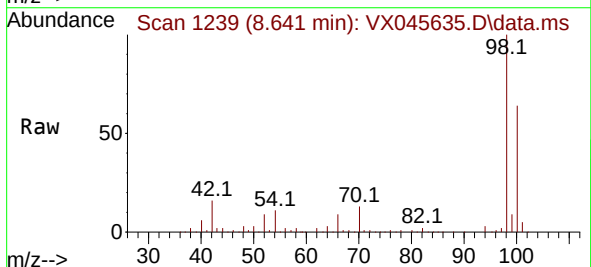
Manual Integrations
APPROVED

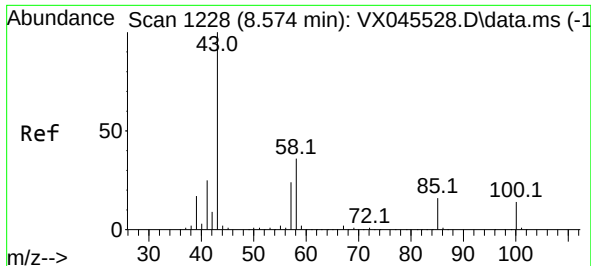
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#50
Toluene-d8
Concen: 48.031 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 98 Resp: 208767
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





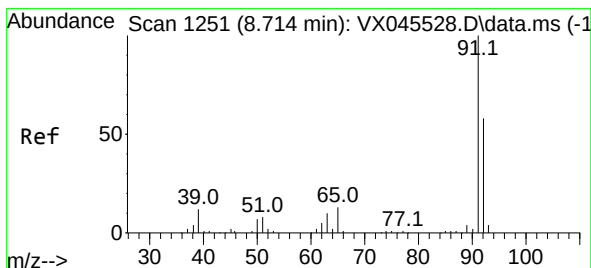
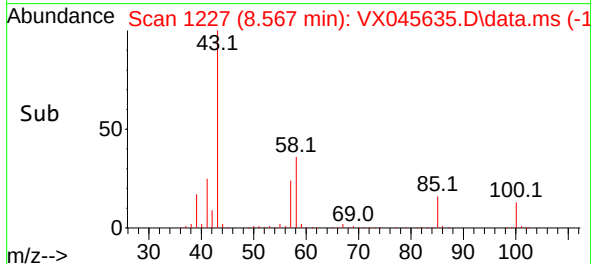
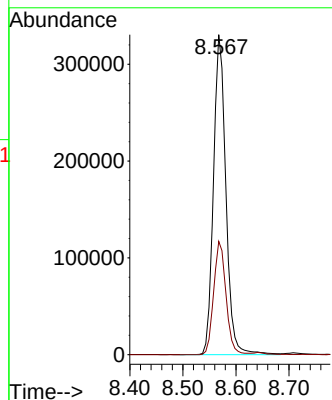
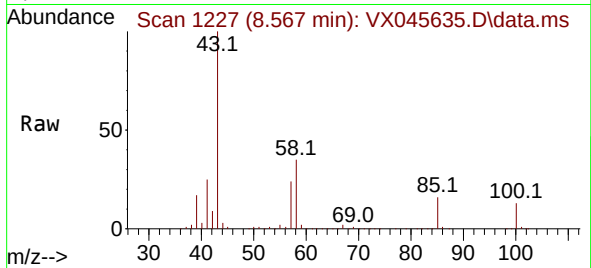
#51
4-Methyl-2-Pentanone
Concen: 252.957 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 53852
Ion Ratio Lower Upper
43 100
58 35.3 28.5 42.7

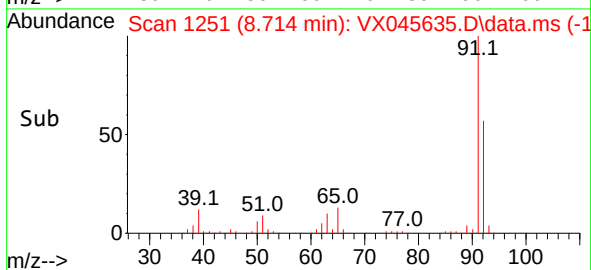
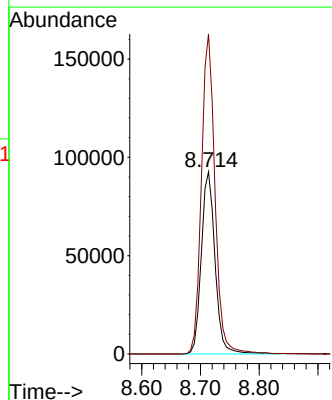
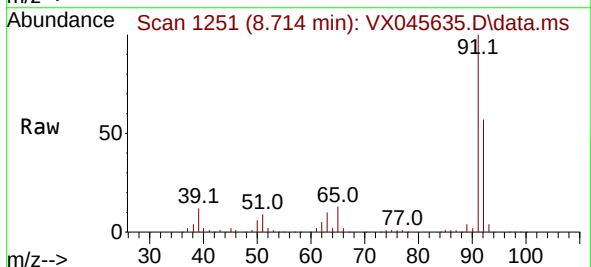
Manual Integrations
APPROVED

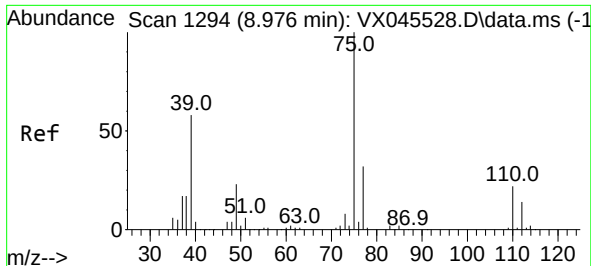
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#52
Toluene
Concen: 48.391 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 92 Resp: 150361
Ion Ratio Lower Upper
92 100
91 173.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 47.135 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8877

Ion Ratio Lower Upper

75 100

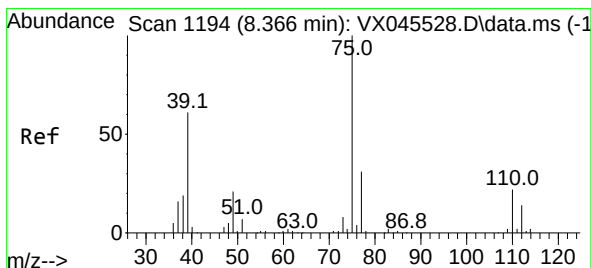
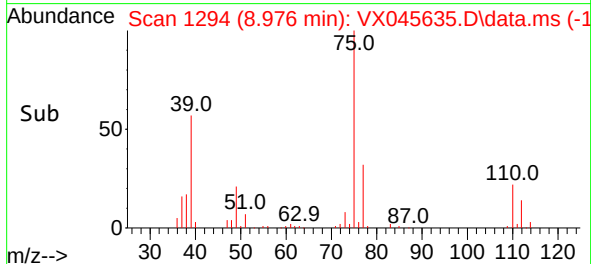
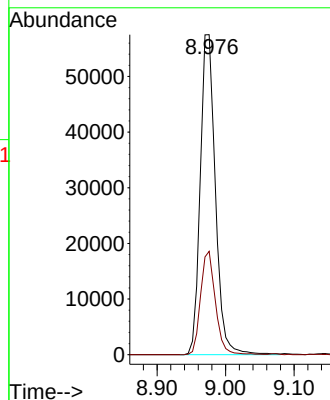
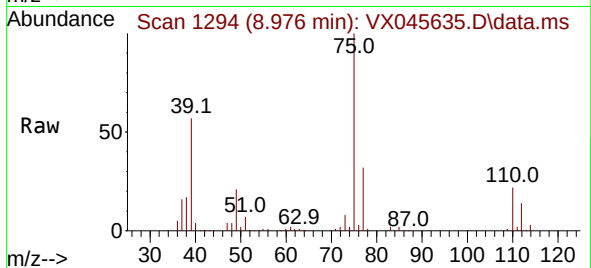
77 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#54

cis-1,3-Dichloropropene

Concen: 52.954 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

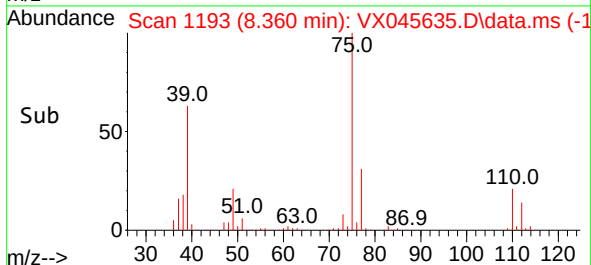
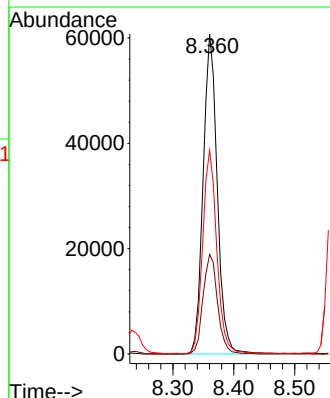
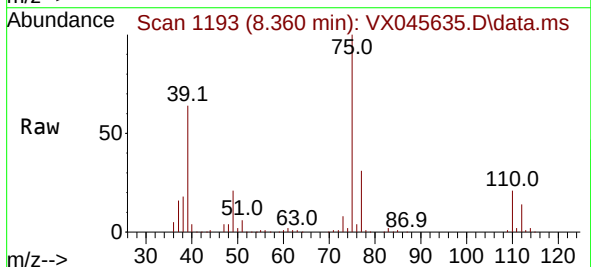
Tgt Ion: 75 Resp: 97741

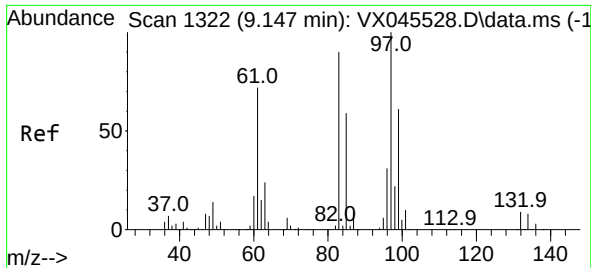
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 63.5 48.4 72.6





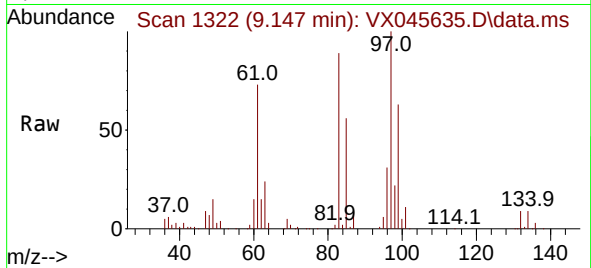
#55
1,1,2-Trichloroethane
Concen: 48.750 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



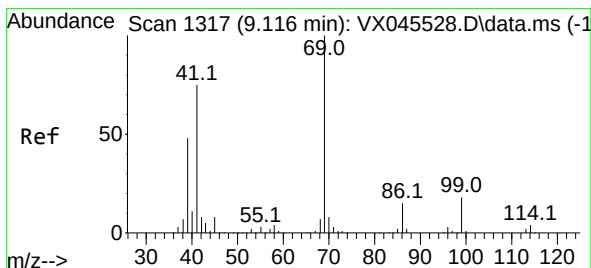
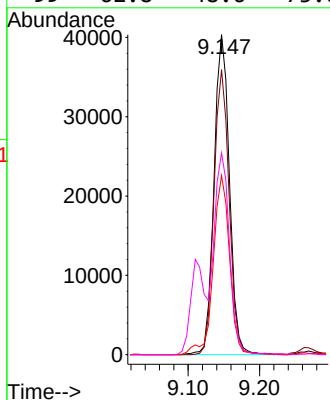
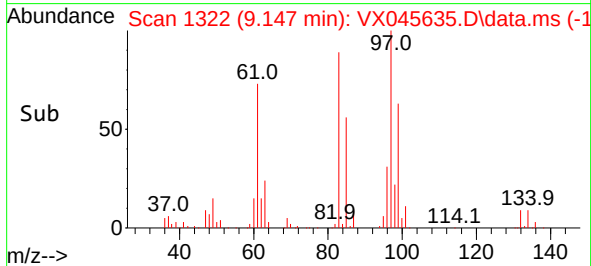
Tgt Ion: 97 Resp: 60362
Ion Ratio Lower Upper
97 100
83 89.1 71.8 107.8
85 56.0 47.0 70.6
99 62.8 48.6 73.0

Manual Integrations

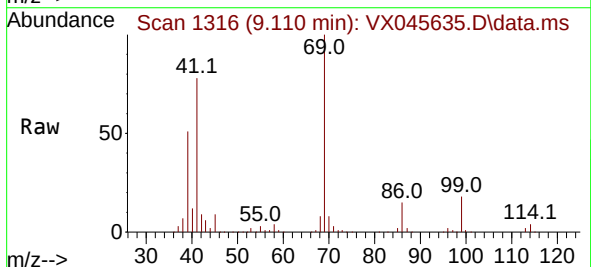
APPROVED

Reviewed By :John Carlone 04/09/2025

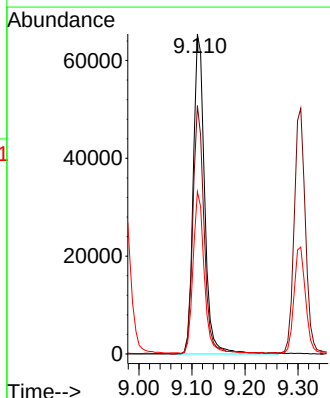
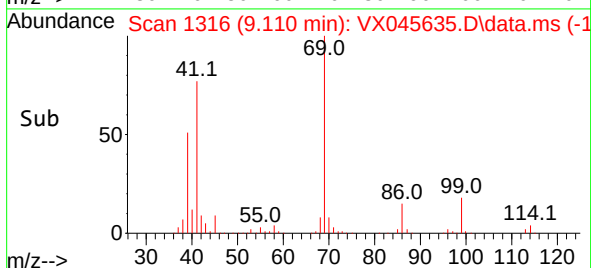
Supervised By :Mahesh Dadoda 04/09/2025

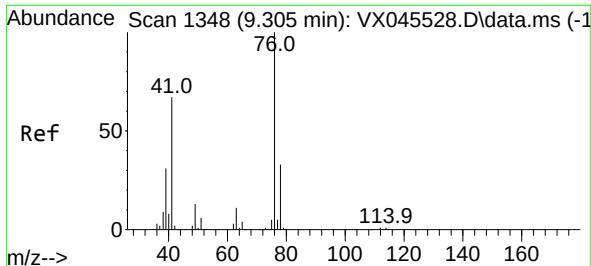


#56
Ethyl methacrylate
Concen: 50.815 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24



Tgt Ion: 69 Resp: 97374
Ion Ratio Lower Upper
69 100
41 76.9 61.3 91.9
39 49.9 40.2 60.2





#57

1,3-Dichloropropane

Concen: 48.644 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10488

Ion Ratio Lower Upper

76 100

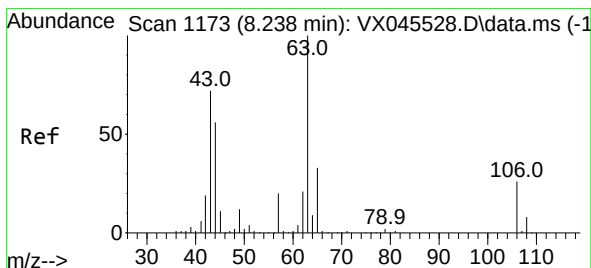
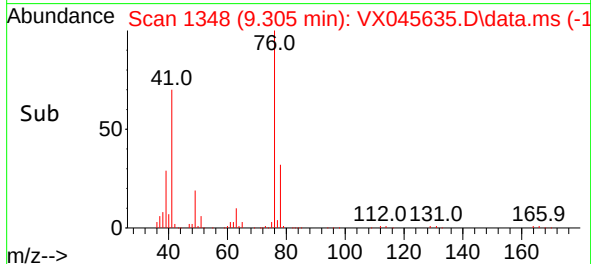
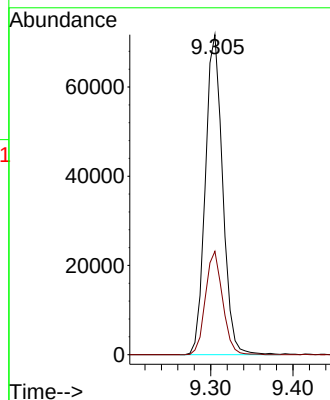
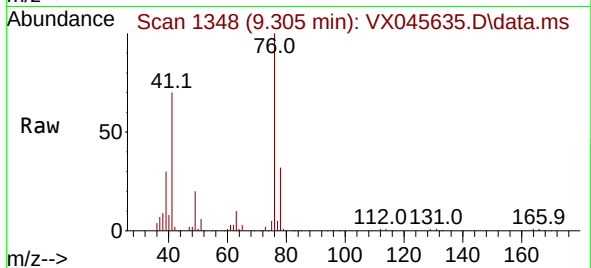
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 264.570 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045635.D

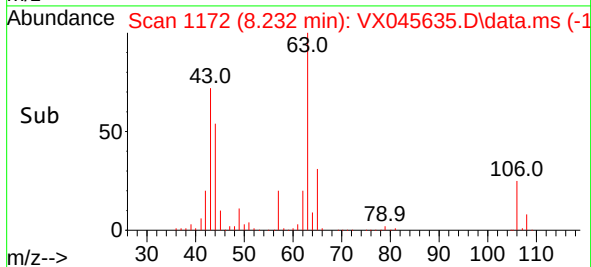
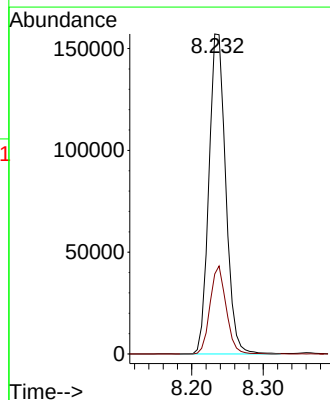
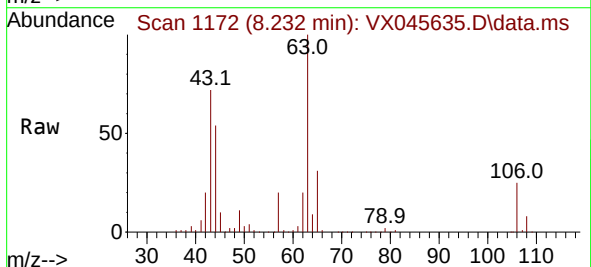
Acq: 08 Apr 2025 08:24

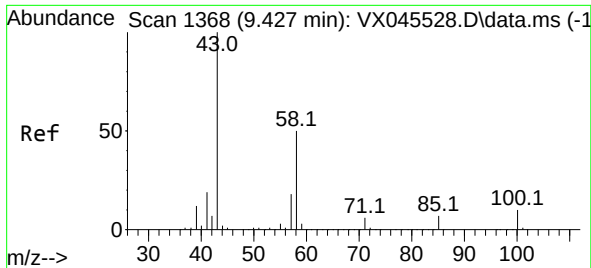
Tgt Ion: 63 Resp: 256466

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.6





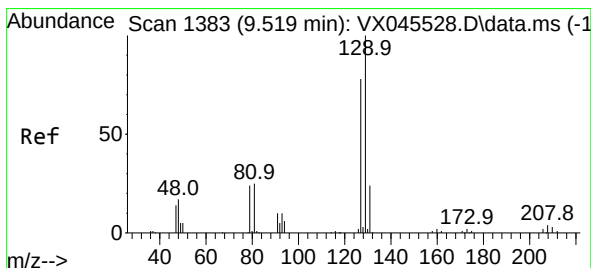
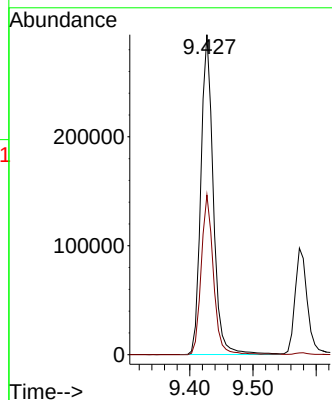
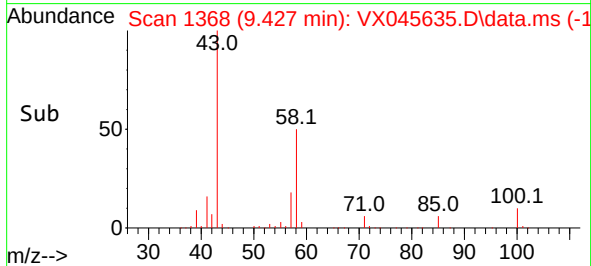
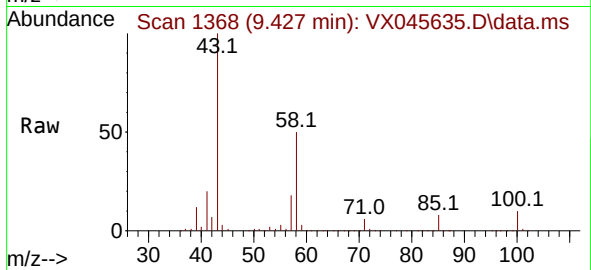
#59
2-Hexanone
Concen: 254.882 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 401824
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6

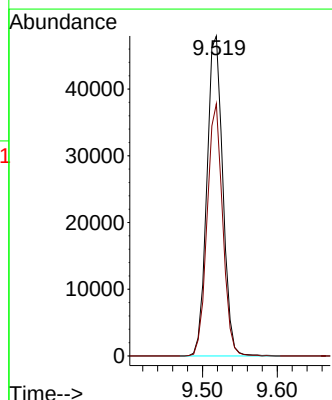
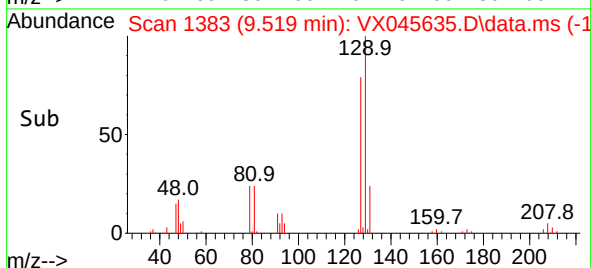
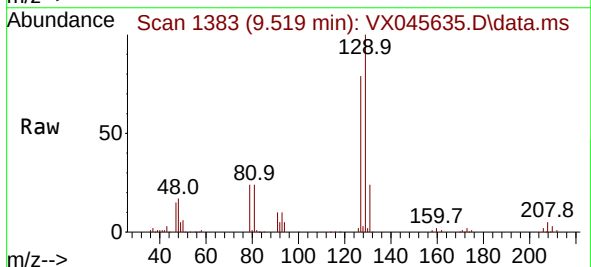
Manual Integrations
APPROVED

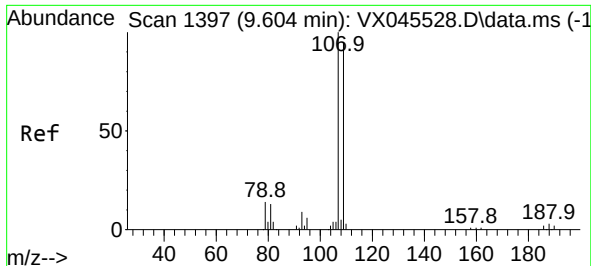
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#60
Dibromochloromethane
Concen: 52.429 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

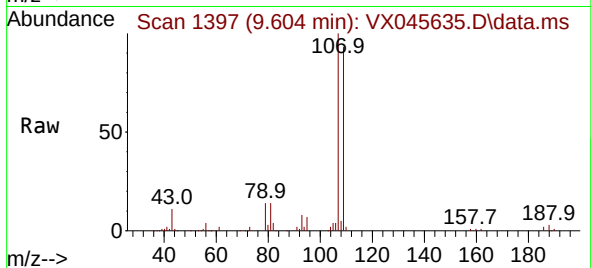
Tgt Ion:129 Resp: 70772
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 49.932 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

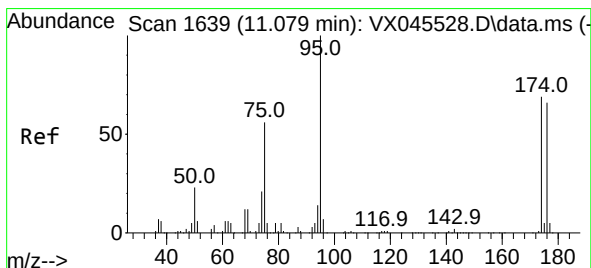
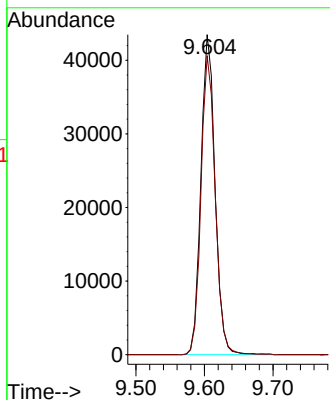
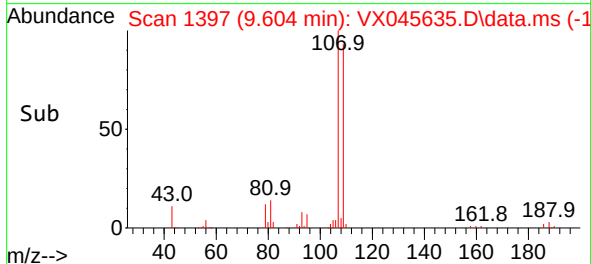
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 6258
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

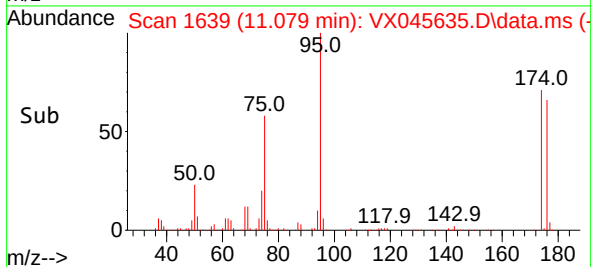
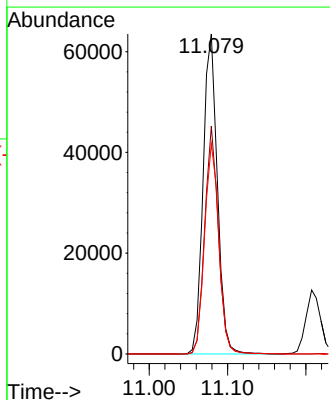
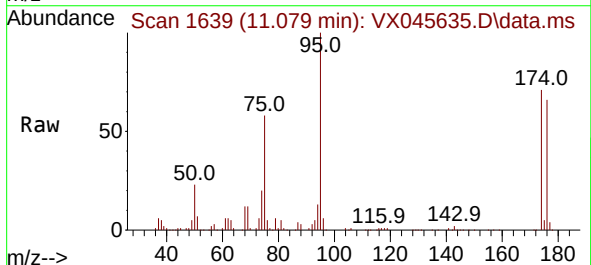
Manual Integrations
APPROVED

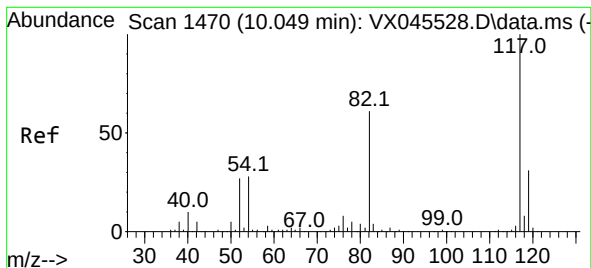
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#62
4-Bromofluorobenzene
Concen: 50.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

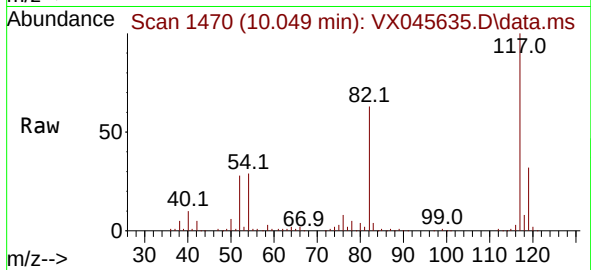
Tgt Ion: 95 Resp: 80074
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

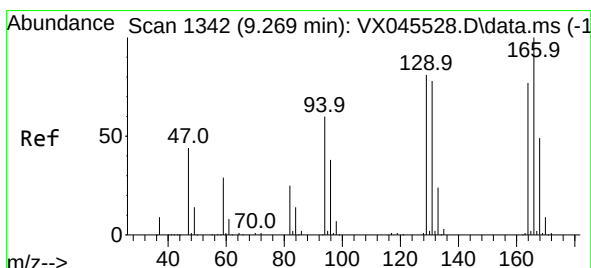
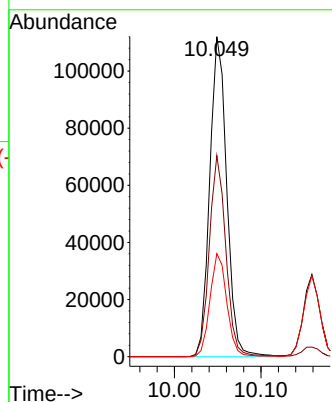
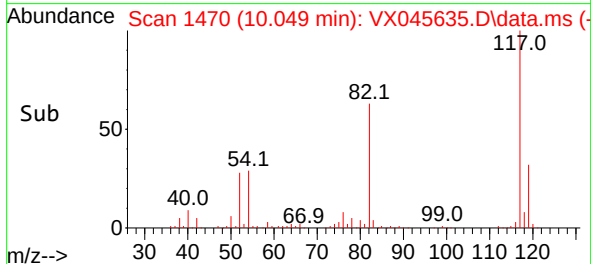
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 15267
Ion Ratio Lower Upper
117 100
82 62.8 49.2 73.8
119 32.2 25.1 37.7

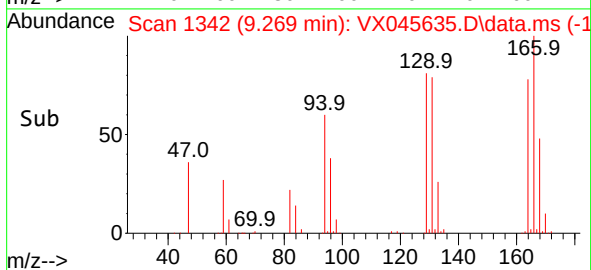
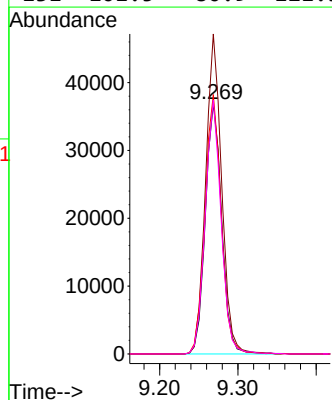
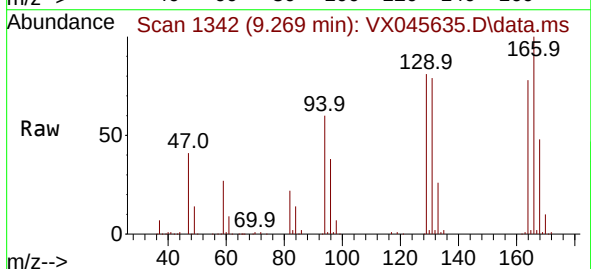
Manual Integrations
APPROVED

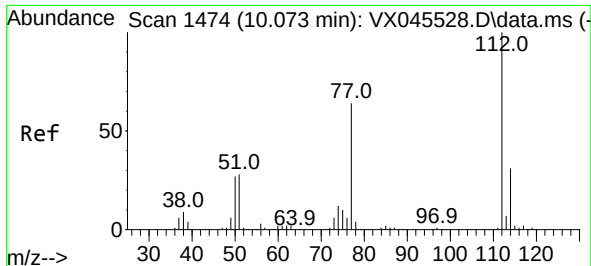
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#64
Tetrachloroethene
Concen: 49.544 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

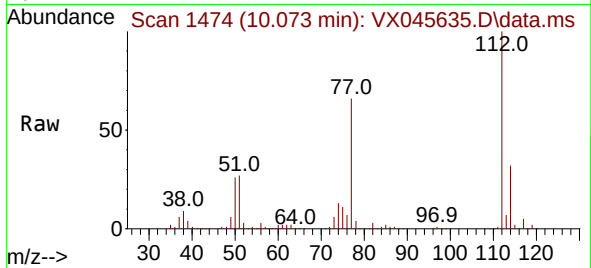
Tgt Ion:164 Resp: 53406
Ion Ratio Lower Upper
164 100
166 127.9 103.8 155.8
129 103.6 84.3 126.5
131 101.5 80.9 121.3





#65
Chlorobenzene
Concen: 49.480 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

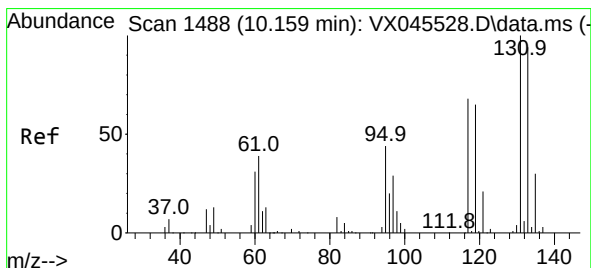
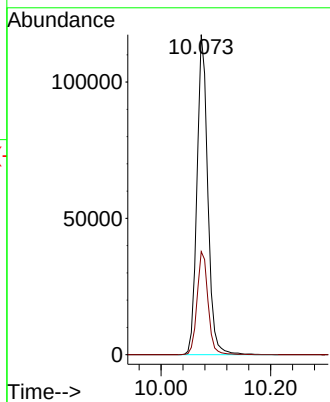
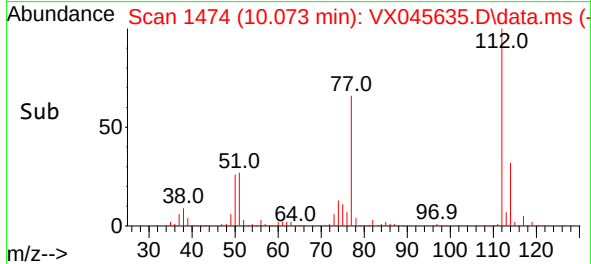
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 161428
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1

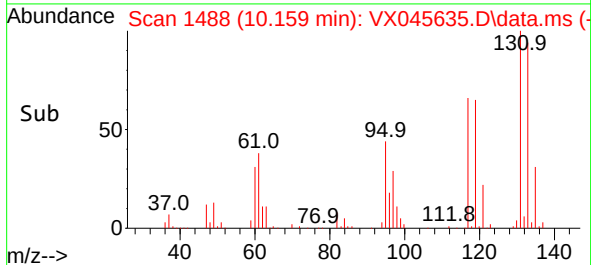
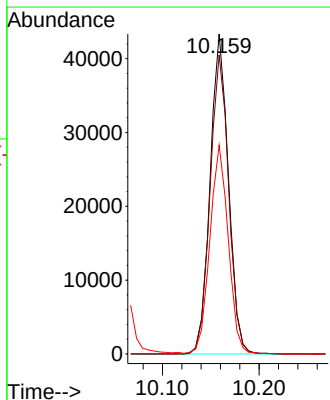
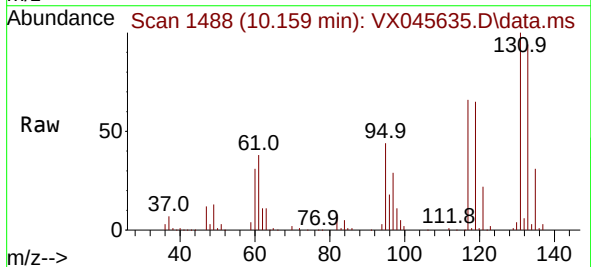
Manual Integrations
APPROVED

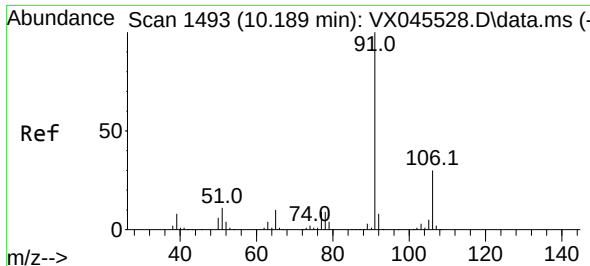
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.257 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion:131 Resp: 56924
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.5
119 65.7 32.9 98.6





#67

Ethyl Benzene

Concen: 50.671 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 29607

Ion Ratio Lower Upper

91 100

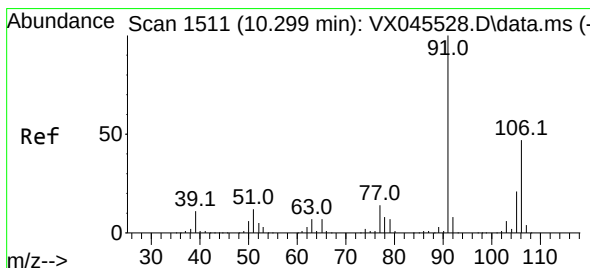
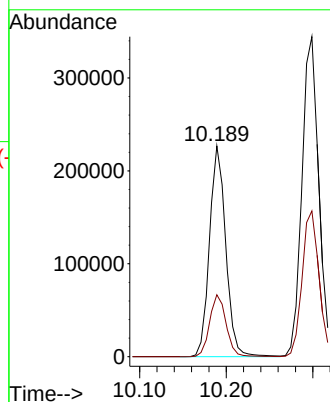
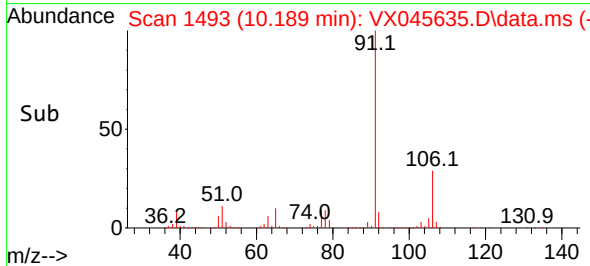
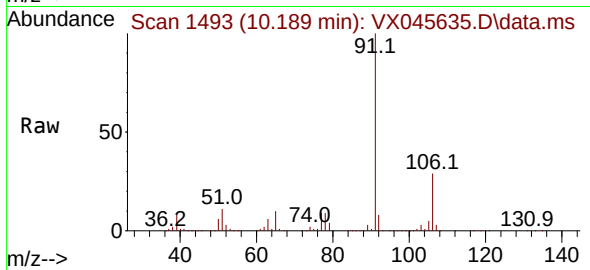
106 29.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#68

m/p-Xylenes

Concen: 101.415 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045635.D

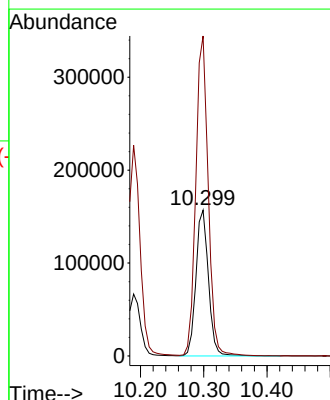
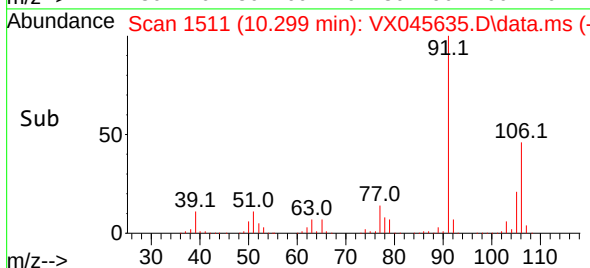
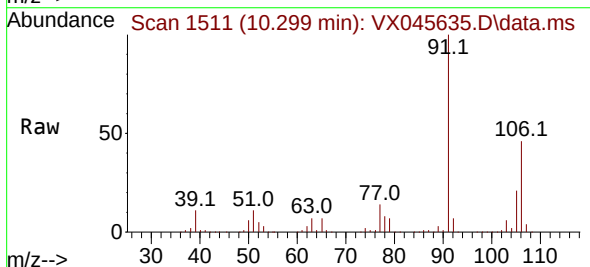
Acq: 08 Apr 2025 08:24

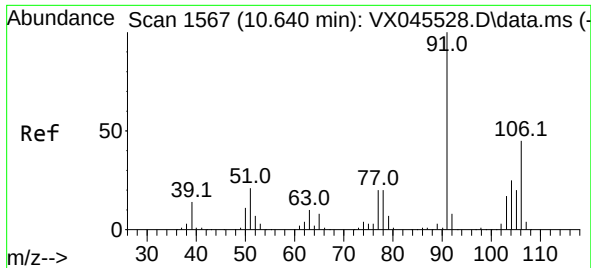
Tgt Ion:106 Resp: 215524

Ion Ratio Lower Upper

106 100

91 218.0 172.6 258.8





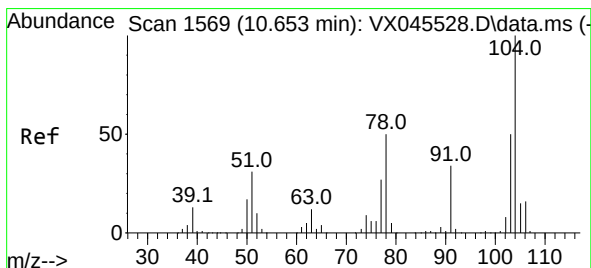
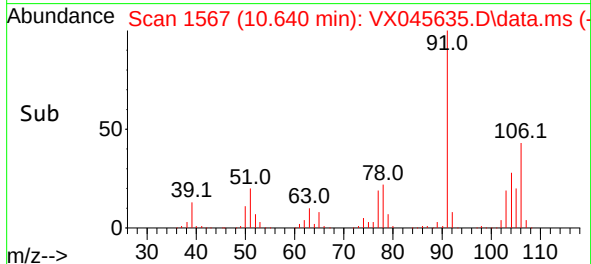
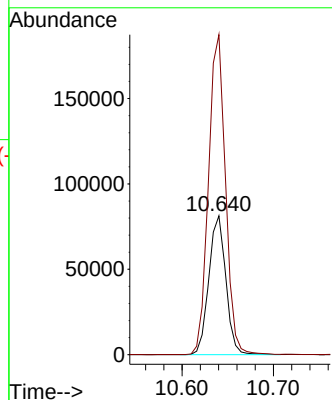
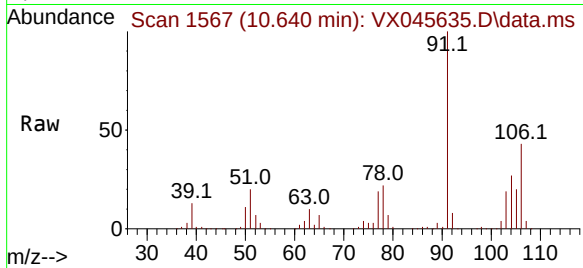
#69
o-Xylene
Concen: 50.200 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 105099
Ion Ratio Lower Upper
106 100
91 230.1 113.6 340.6

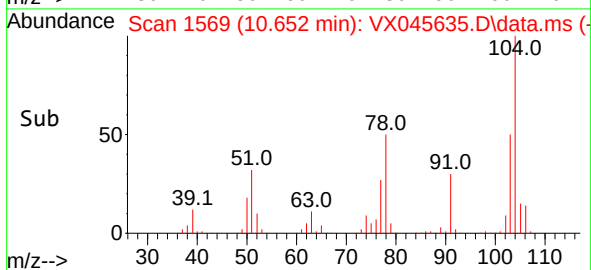
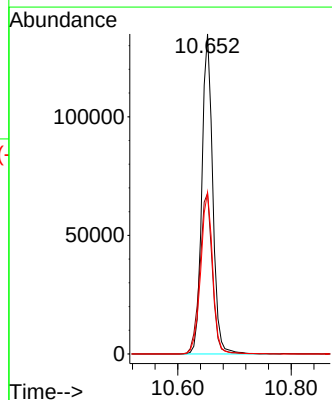
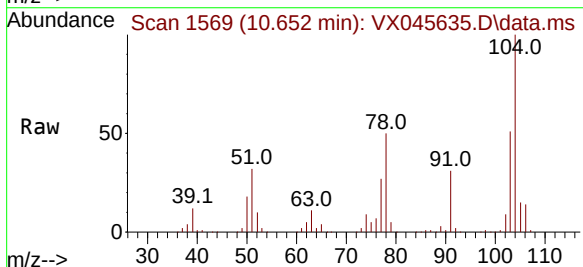
Manual Integrations
APPROVED

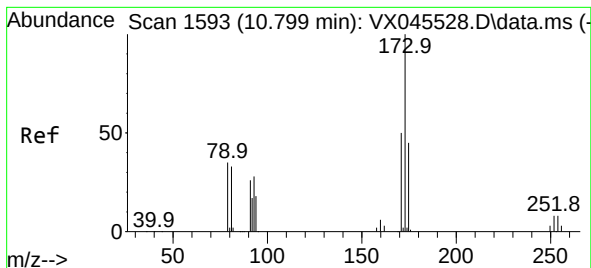
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#70
Styrene
Concen: 51.811 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

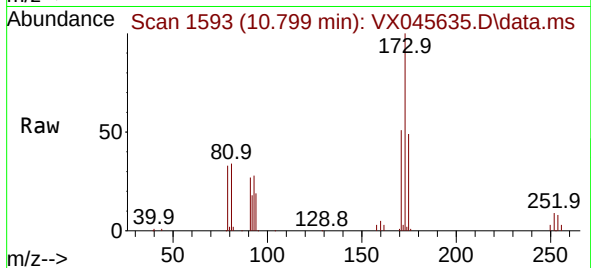
Tgt Ion:104 Resp: 179022
Ion Ratio Lower Upper
104 100
78 58.1 45.4 68.2
103 55.9 43.8 65.8





#71
Bromoform
Concen: 53.361 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

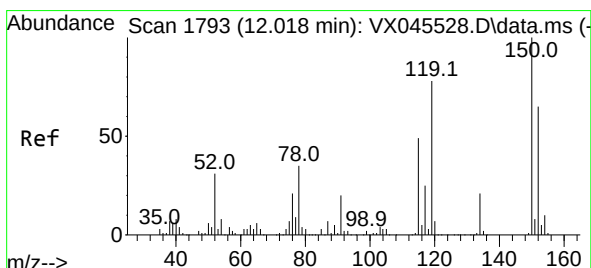
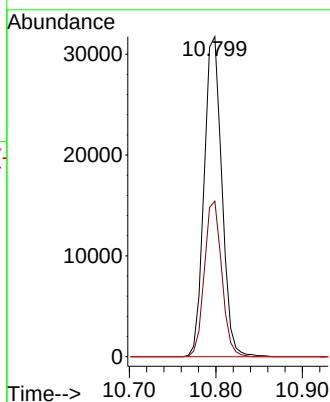
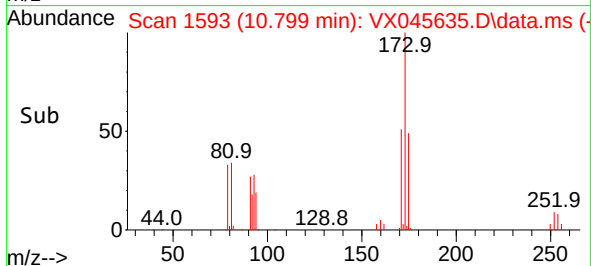
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 45129
Ion Ratio Lower Upper
173 100
175 47.6 23.4 70.2
254 0.0 0.0 0.0

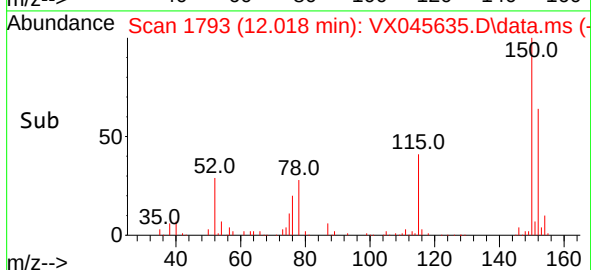
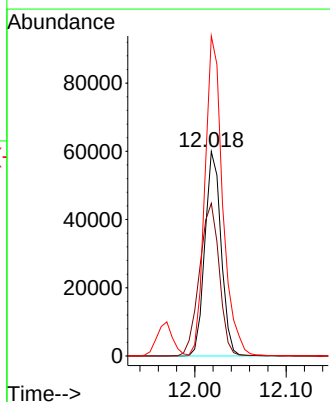
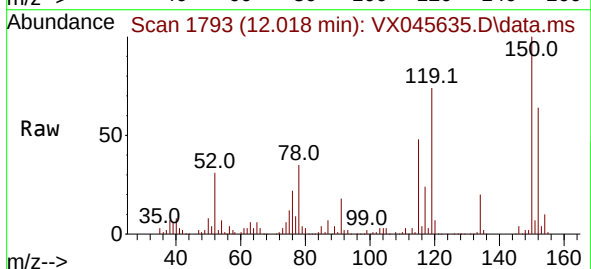
Manual Integrations
APPROVED

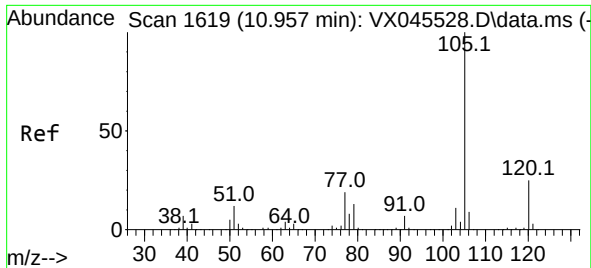
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

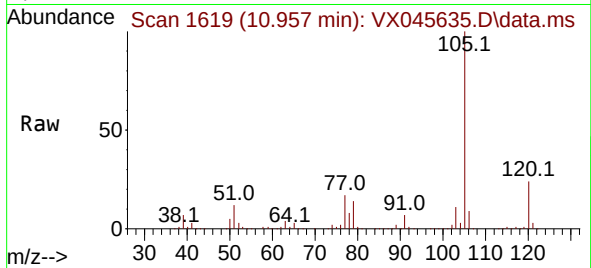
Tgt Ion:152 Resp: 73644
Ion Ratio Lower Upper
152 100
115 91.3 46.9 140.7
150 170.5 0.0 349.4





#73
Isopropylbenzene
Concen: 48.640 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

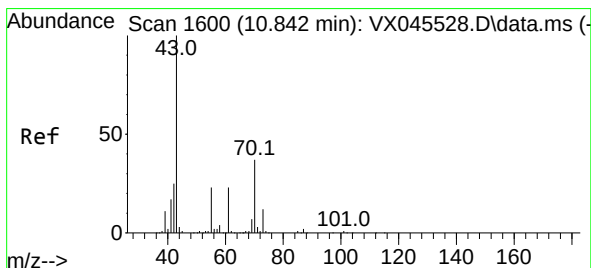
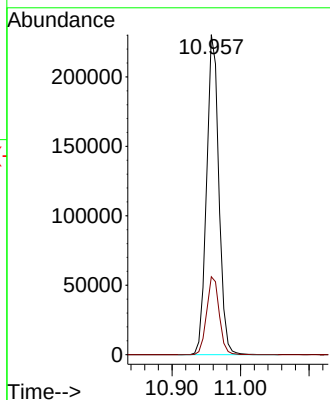
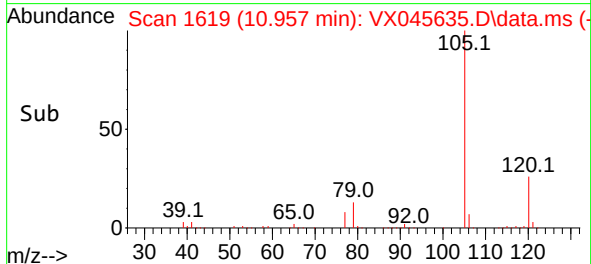
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 286927
Ion Ratio Lower Upper
105 100
120 25.0 12.7 38.0

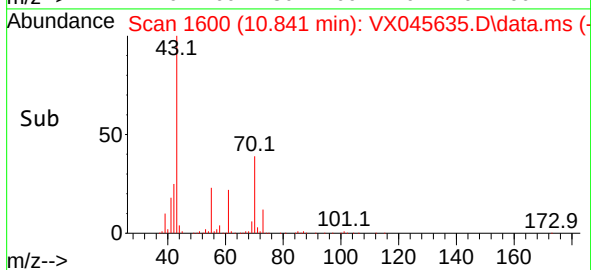
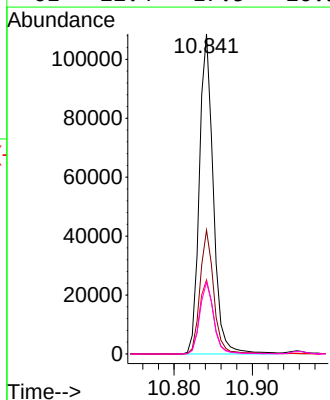
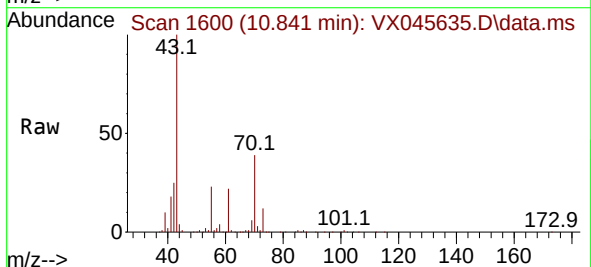
Manual Integrations
APPROVED

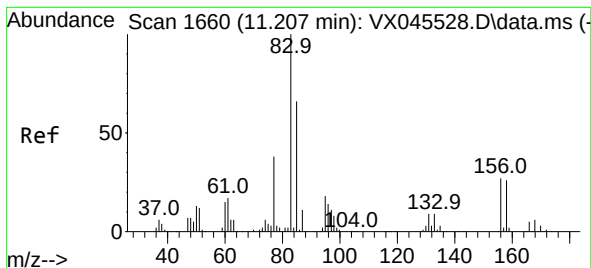
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#74
N-ethyl acetate
Concen: 47.607 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 43 Resp: 134335
Ion Ratio Lower Upper
43 100
70 38.0 30.1 45.1
55 23.5 18.3 27.5
61 22.4 17.5 26.3





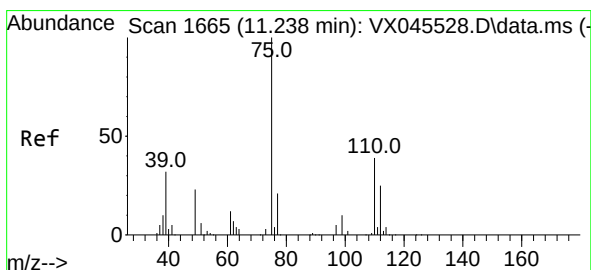
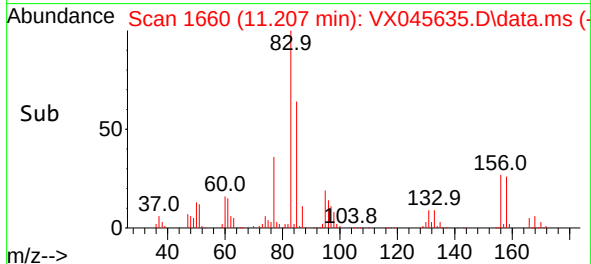
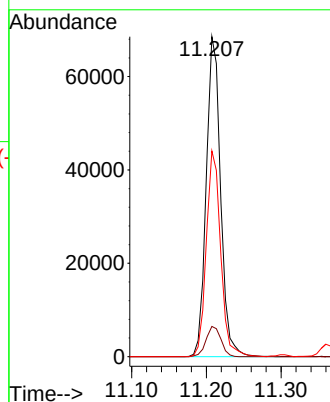
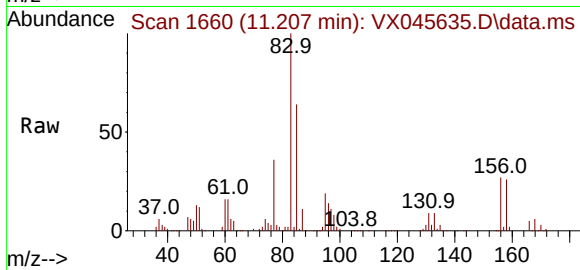
#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.124 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045635.D
 Acq: 08 Apr 2025 08:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 91434
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.7 14.1
 85 64.3 32.4 97.2

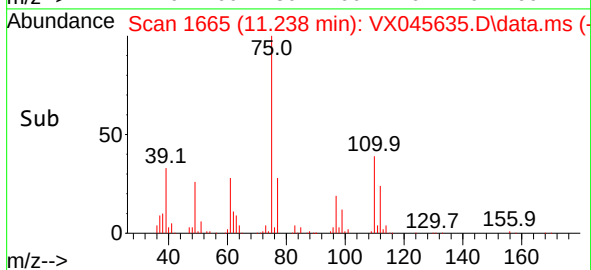
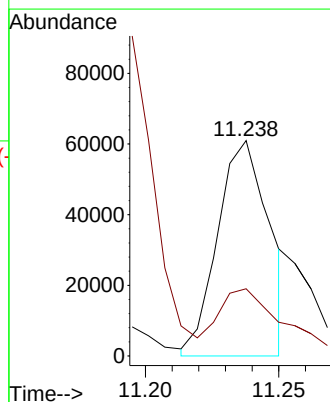
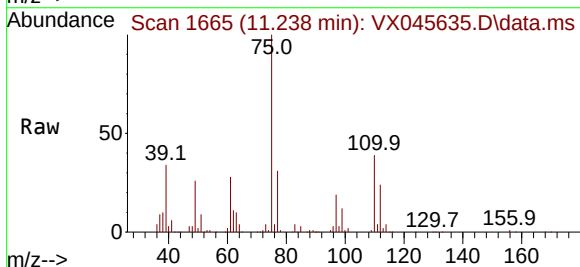
Manual Integrations
 APPROVED

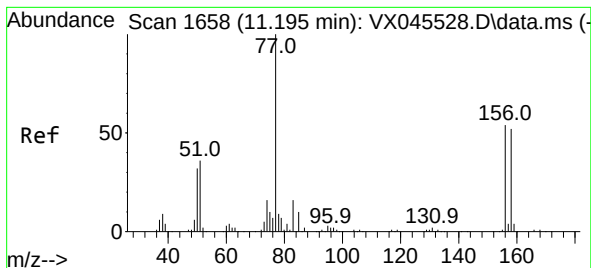
Reviewed By :John Carlone 04/09/2025
 Supervised By :Mahesh Dadoda 04/09/2025



#76
 1,2,3-Trichloropropane
 Concen: 45.718 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045635.D
 Acq: 08 Apr 2025 08:24

Tgt Ion: 75 Resp: 82126
 Ion Ratio Lower Upper
 75 100
 77 39.6 20.0 59.9





#77

Bromobenzene

Concen: 47.392 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

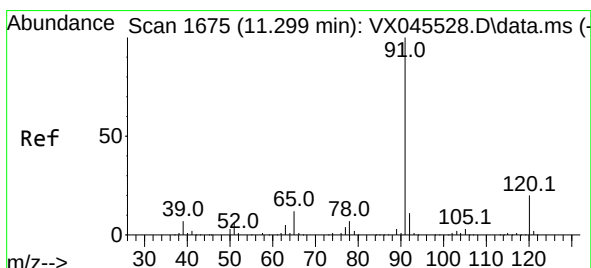
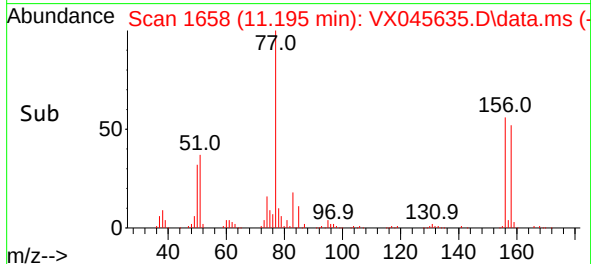
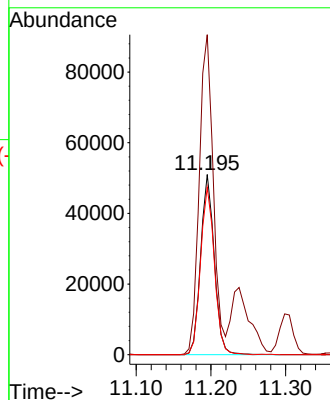
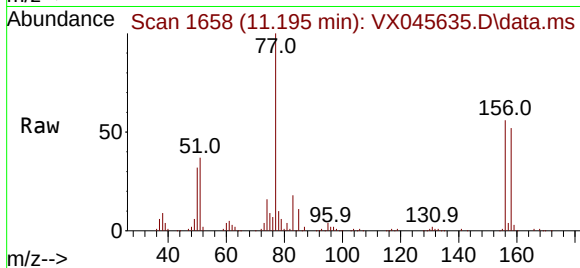
Tgt Ion:156 Resp: 64594
 Ion Ratio Lower Upper
 156 100
 77 183.3 92.6 277.8
 158 94.6 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#78

n-propylbenzene

Concen: 49.559 ug/l

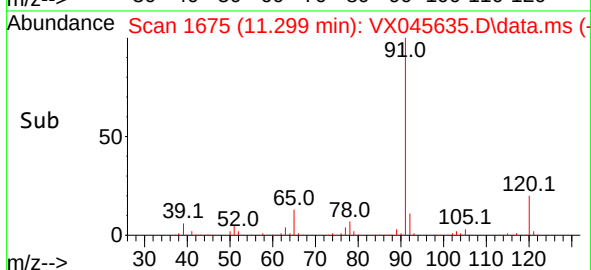
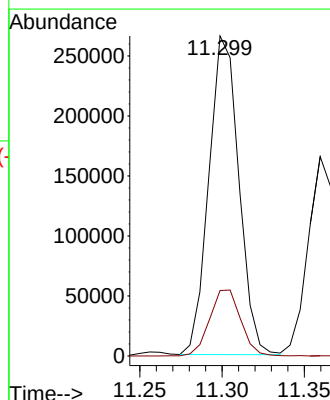
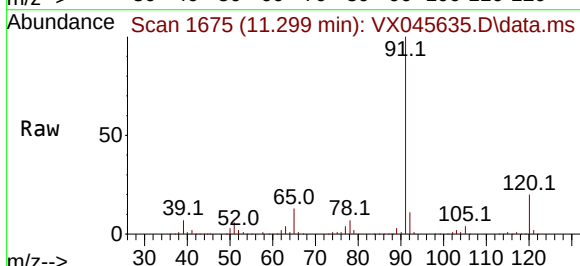
RT: 11.299 min Scan# 1675

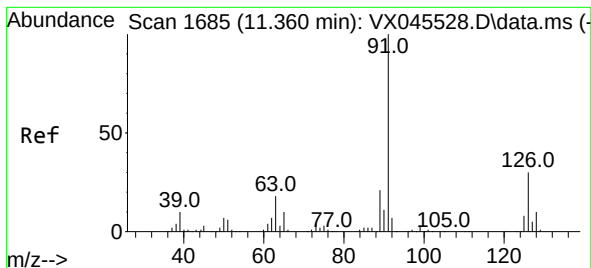
Delta R.T. -0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Tgt Ion: 91 Resp: 336735
 Ion Ratio Lower Upper
 91 100
 120 21.5 10.8 32.3





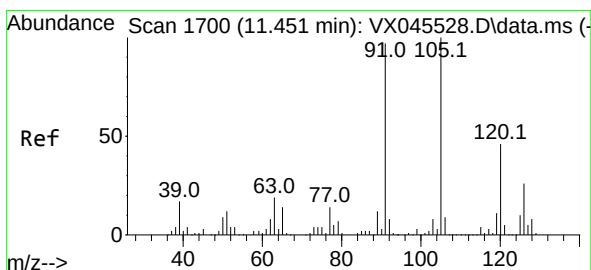
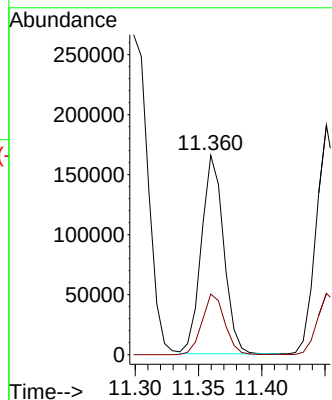
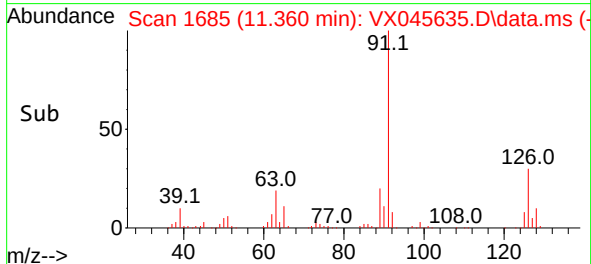
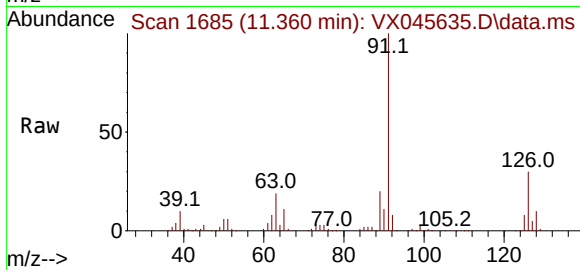
#79
2-Chlorotoluene
Concen: 46.863 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 203560
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4

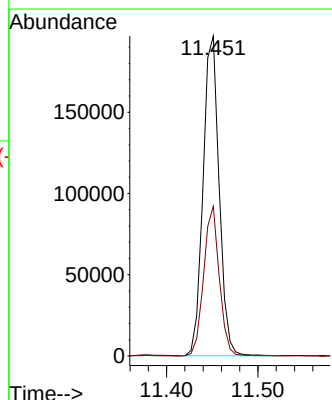
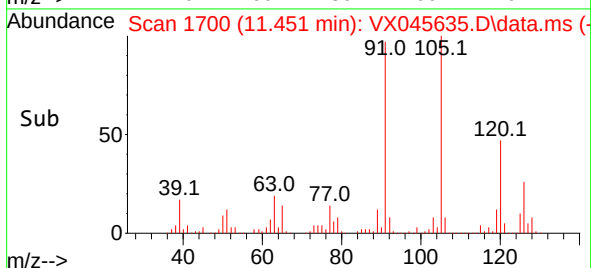
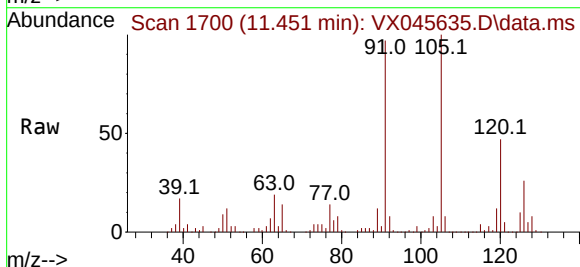
Manual Integrations
APPROVED

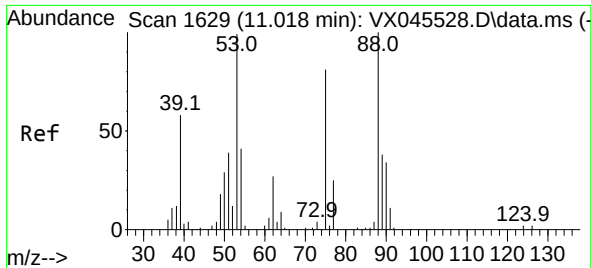
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.213 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion:105 Resp: 240058
Ion Ratio Lower Upper
105 100
120 45.6 23.0 69.0





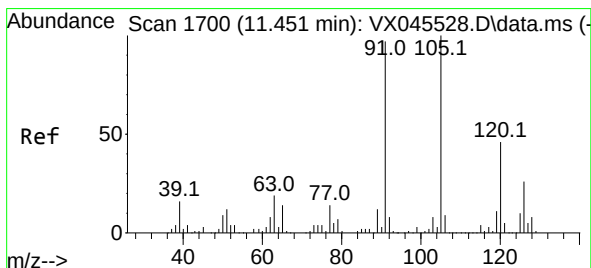
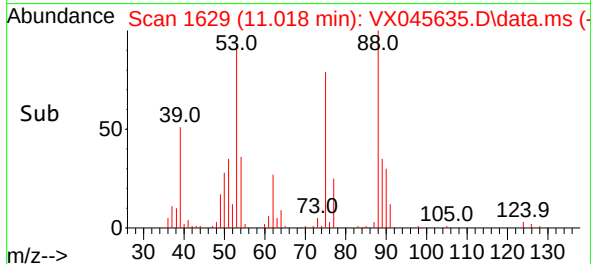
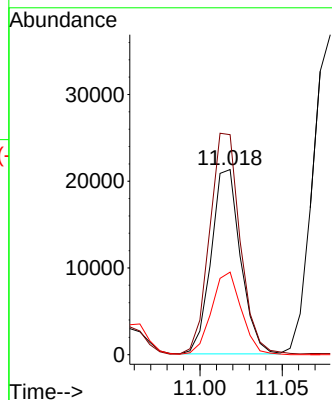
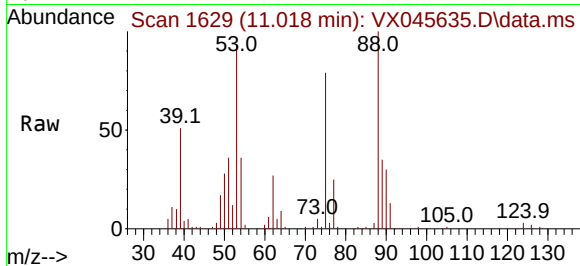
#81
trans-1,4-Dichloro-2-butene
Concen: 50.052 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26492
Ion Ratio Lower Upper
75 100
53 124.3 101.8 152.6
89 45.4 37.2 55.8

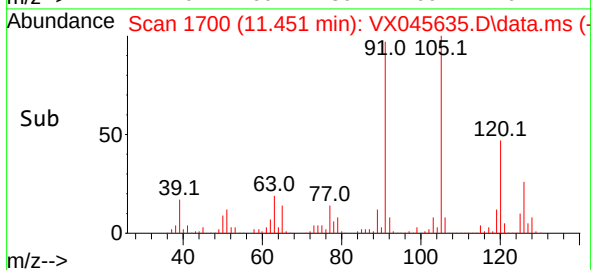
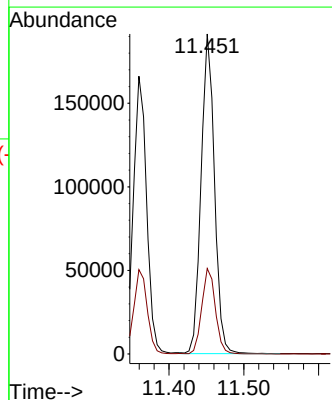
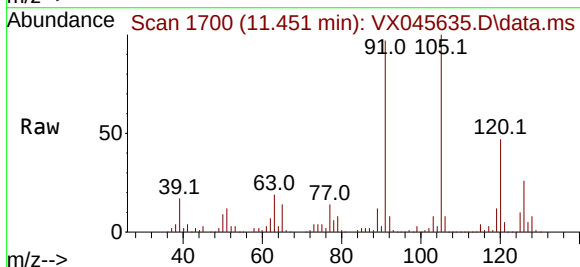
Manual Integrations
APPROVED

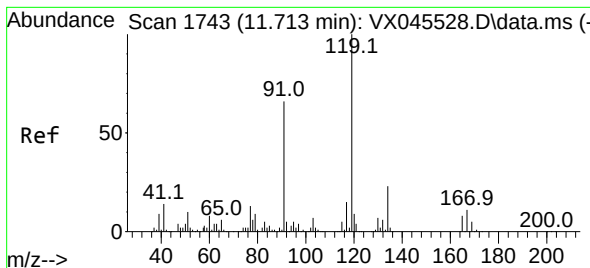
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025



#82
4-Chlorotoluene
Concen: 49.070 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

Tgt Ion: 91 Resp: 237649
Ion Ratio Lower Upper
91 100
126 27.2 13.3 39.9





#83

tert-Butylbenzene

Concen: 49.376 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 238454

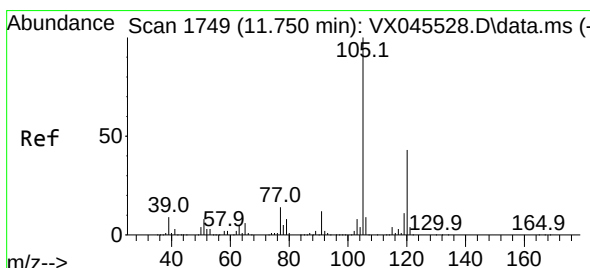
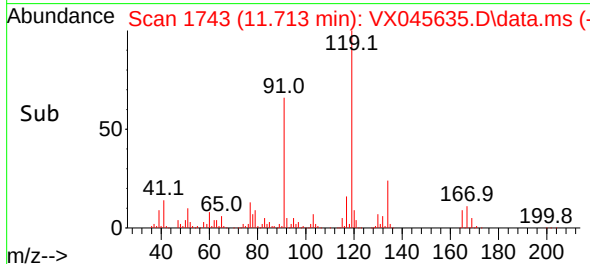
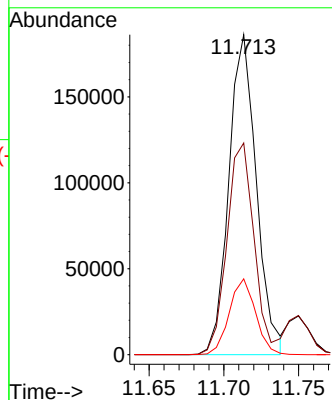
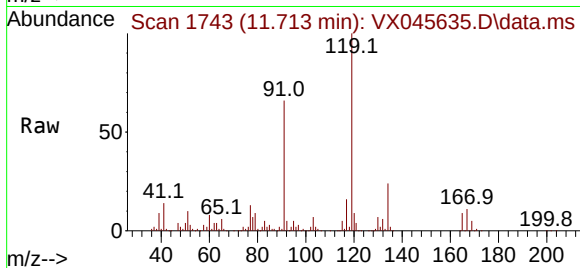
Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.4	97.2
134	22.6	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#84

1,2,4-Trimethylbenzene

Concen: 49.308 ug/l

RT: 11.750 min Scan# 1749

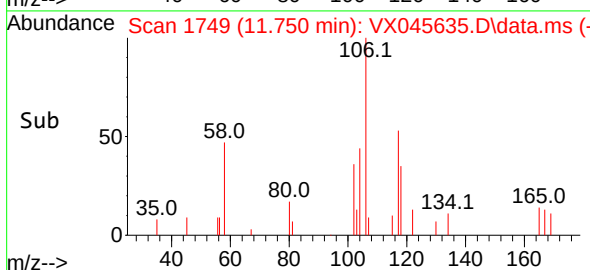
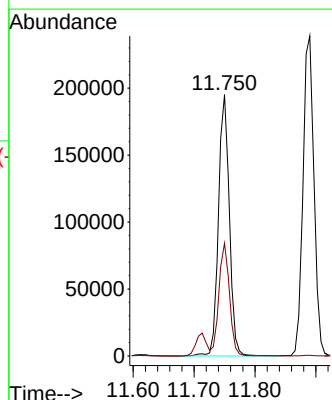
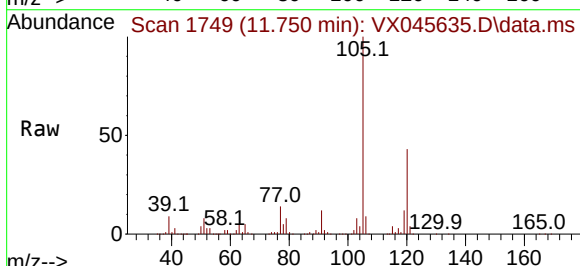
Delta R.T. -0.000 min

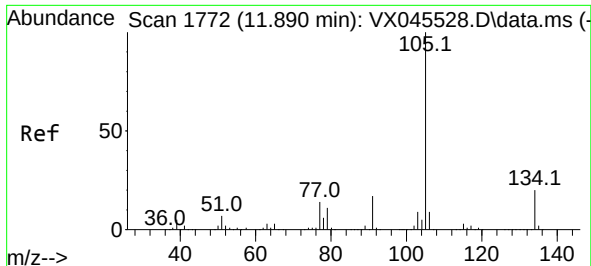
Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Tgt Ion:105 Resp: 241409

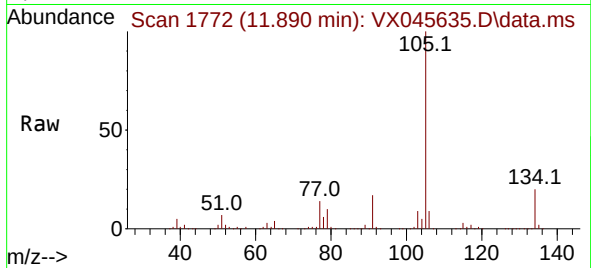
Ion	Ratio	Lower	Upper
105	100		
120	41.9	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 50.291 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045635.D
 Acq: 08 Apr 2025 08:24

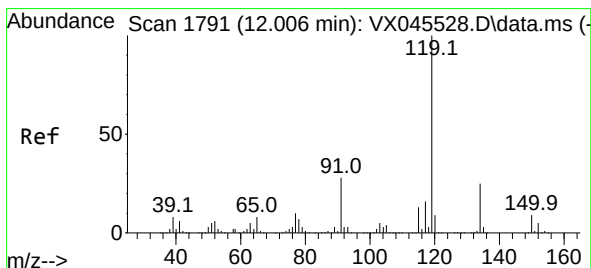
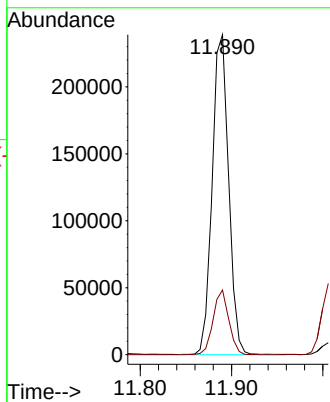
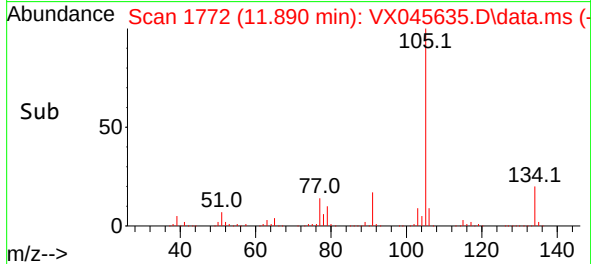
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



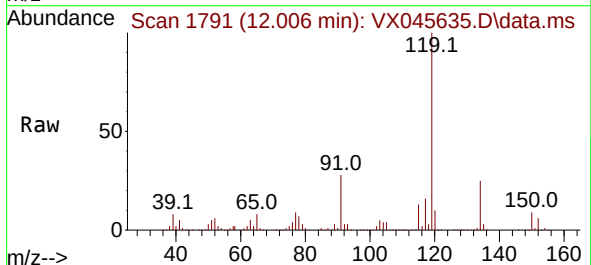
Tgt Ion:105 Resp: 298302
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6

Manual Integrations
 APPROVED

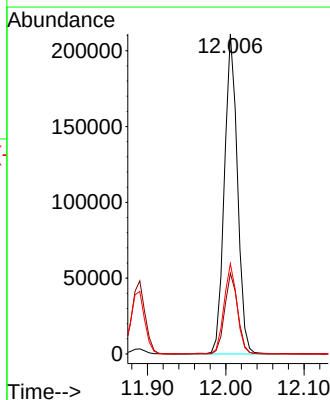
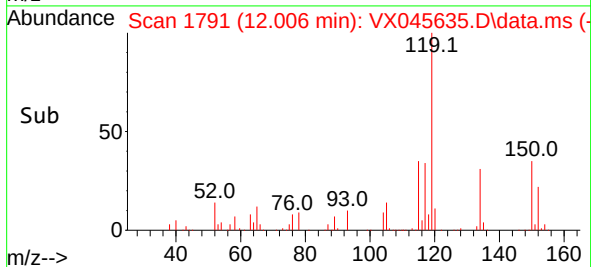
Reviewed By :John Carbone 04/09/2025
 Supervised By :Mahesh Dadoda 04/09/2025

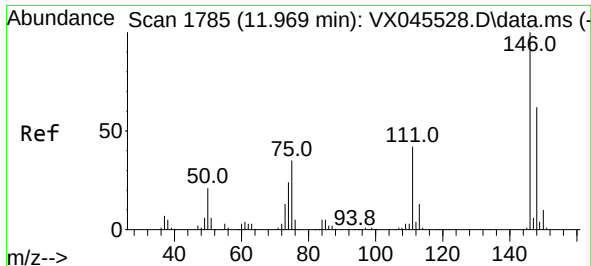


#86
 p-Isopropyltoluene
 Concen: 50.166 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045635.D
 Acq: 08 Apr 2025 08:24



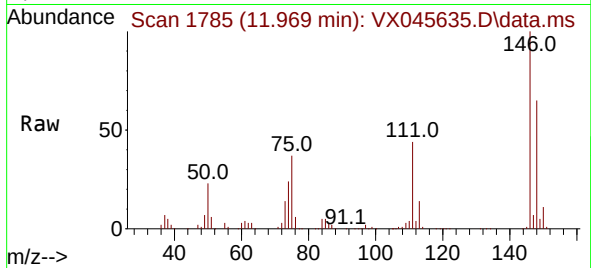
Tgt Ion:119 Resp: 245321
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.8 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 47.560 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

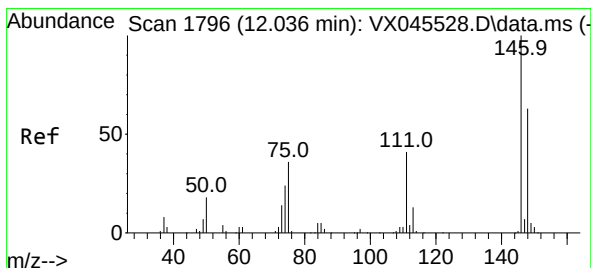
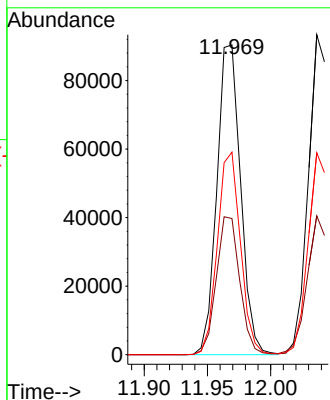
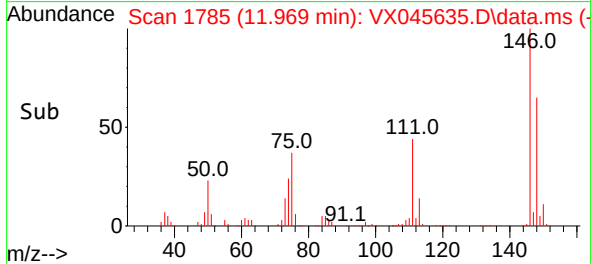
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



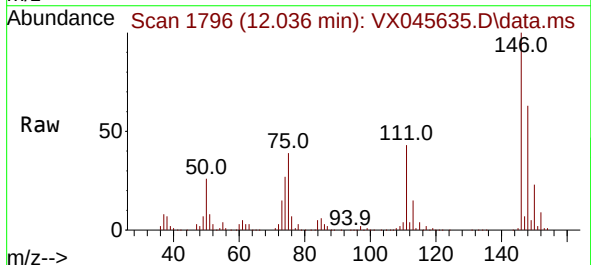
Tgt Ion:146 Resp: 117998
Ion Ratio Lower Upper
146 100
111 44.0 22.2 66.6
148 63.6 31.9 95.7

Manual Integrations
APPROVED

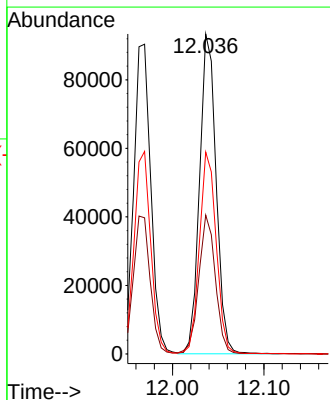
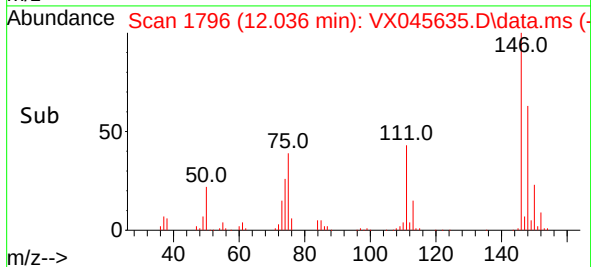
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025

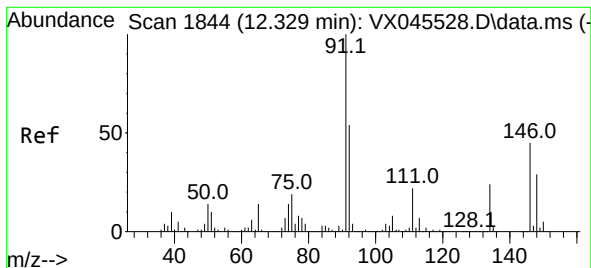


#88
1,4-Dichlorobenzene
Concen: 46.643 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24



Tgt Ion:146 Resp: 117319
Ion Ratio Lower Upper
146 100
111 43.7 20.9 62.8
148 64.2 31.5 94.5





#89

n-Butylbenzene

Concen: 53.352 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

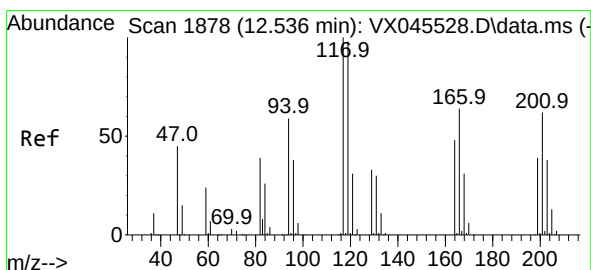
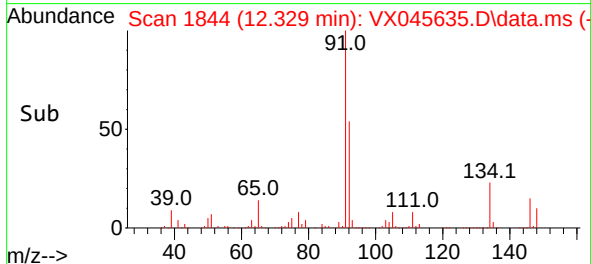
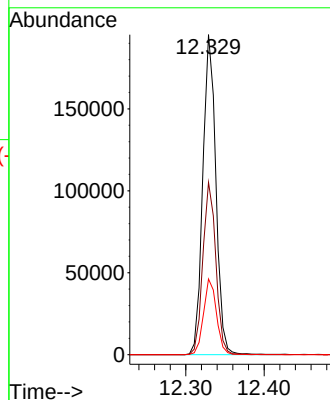
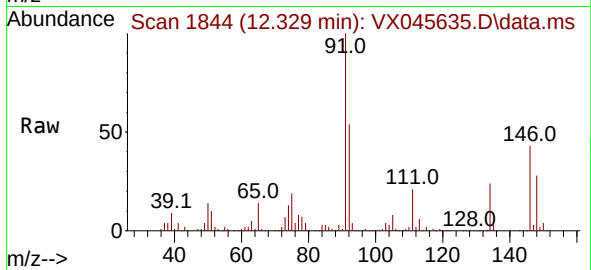
Tgt Ion: 91 Resp: 226244
 Ion Ratio Lower Upper
 91 100
 92 53.6 26.9 80.6
 134 23.5 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#90

Hexachloroethane

Concen: 53.439 ug/l

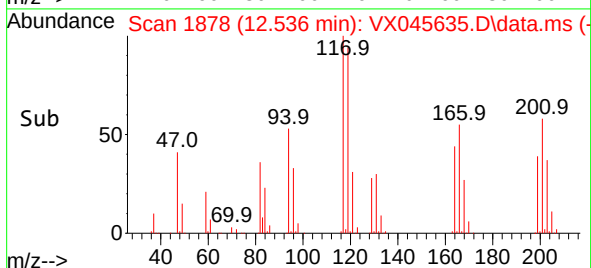
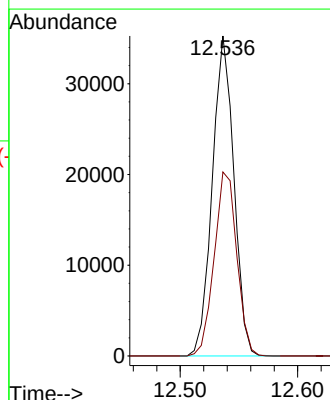
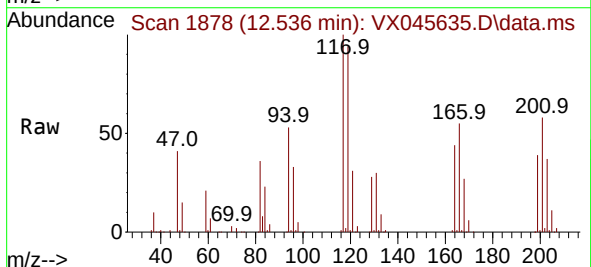
RT: 12.536 min Scan# 1878

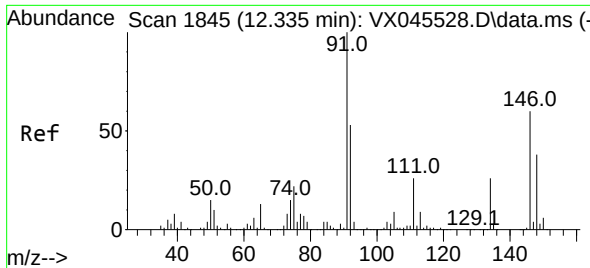
Delta R.T. -0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Tgt Ion:117 Resp: 44911
 Ion Ratio Lower Upper
 117 100
 201 60.4 31.2 93.6





#91
 1,2-Dichlorobenzene
 Concen: 46.406 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX045635.D
 Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

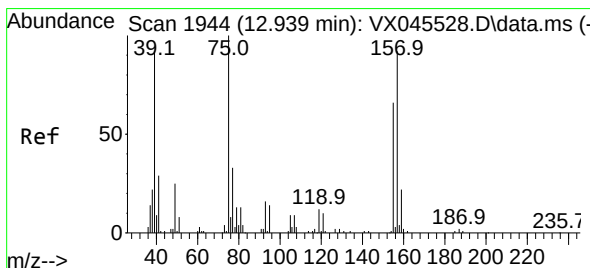
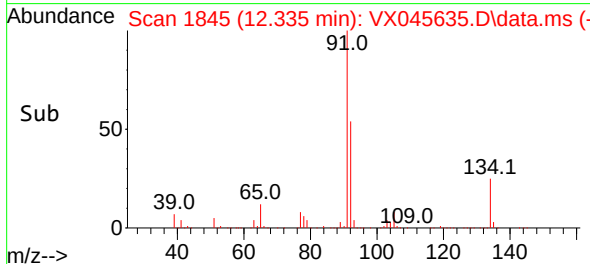
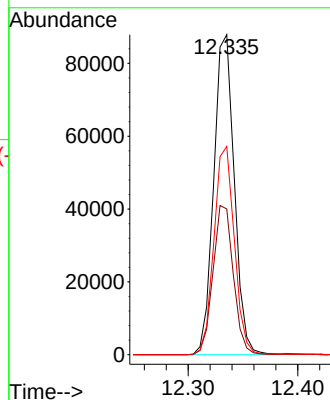
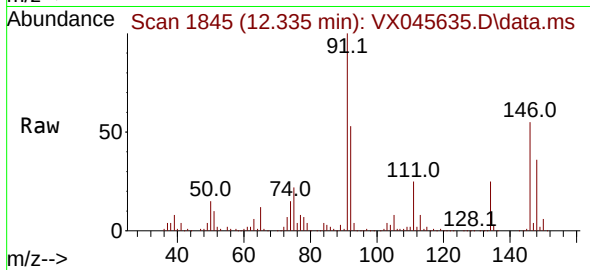
Tgt Ion:146 Resp: 11446
 Ion Ratio Lower Upper
 146 100
 111 46.3 22.9 68.8
 148 64.9 31.9 95.5

Manual Integrations

APPROVED

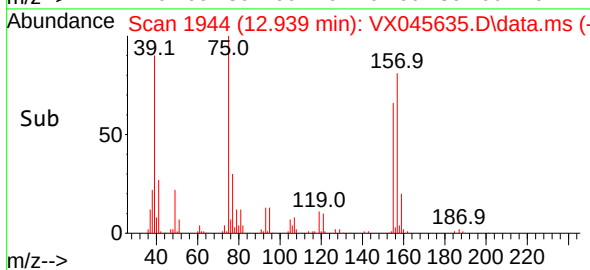
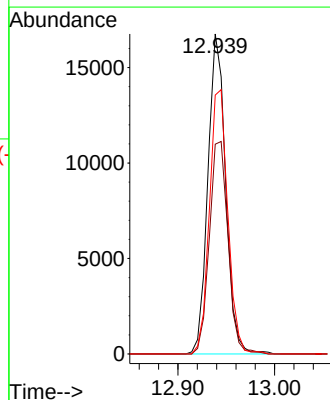
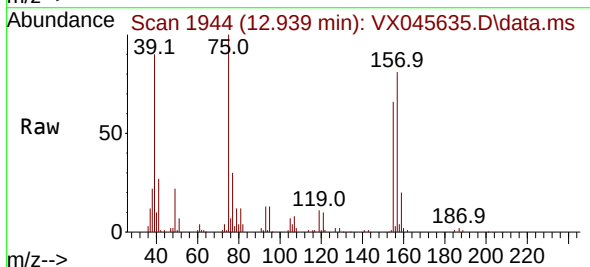
Reviewed By :John Carlone 04/09/2025

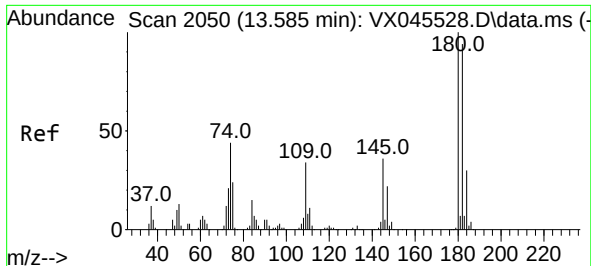
Supervised By :Mahesh Dadoda 04/09/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.447 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX045635.D
 Acq: 08 Apr 2025 08:24

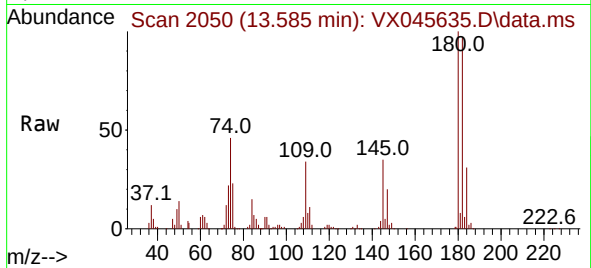
Tgt Ion: 75 Resp: 21429
 Ion Ratio Lower Upper
 75 100
 155 69.6 34.9 104.7
 157 85.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 49.507 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24

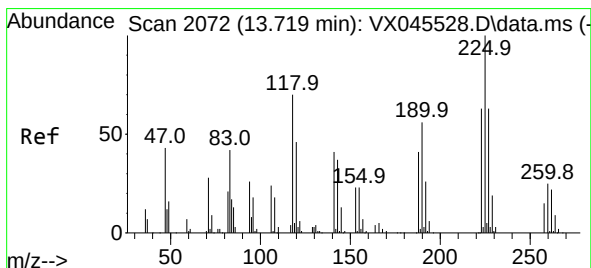
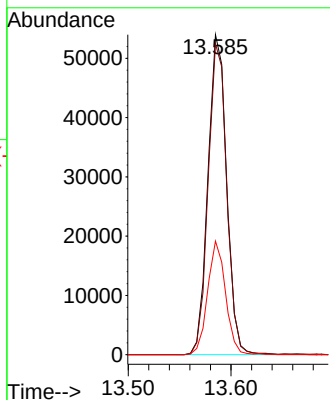
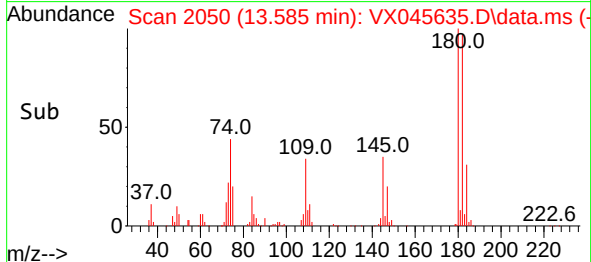
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



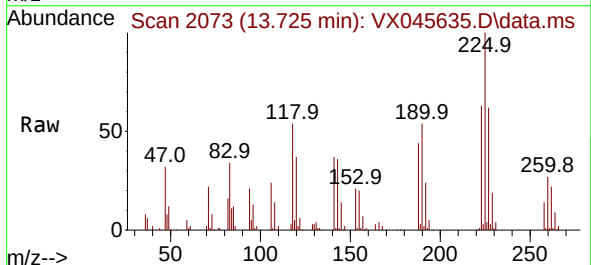
Tgt Ion:180 Resp: 6797
Ion Ratio Lower Upper
180 100
182 96.8 47.9 143.6
145 34.2 17.9 53.8

Manual Integrations
APPROVED

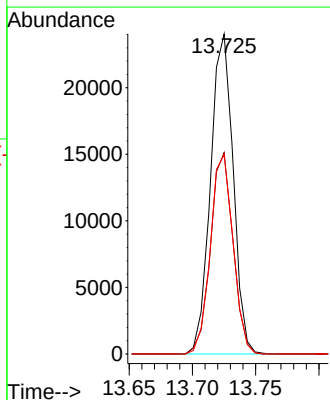
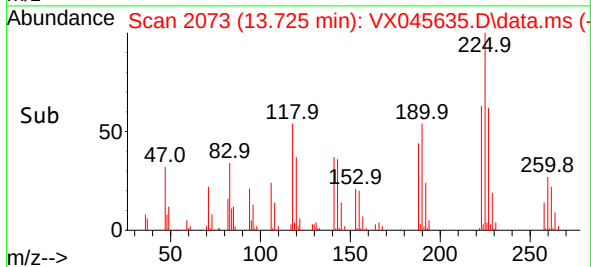
Reviewed By :John Carlone 04/09/2025
Supervised By :Mahesh Dadoda 04/09/2025

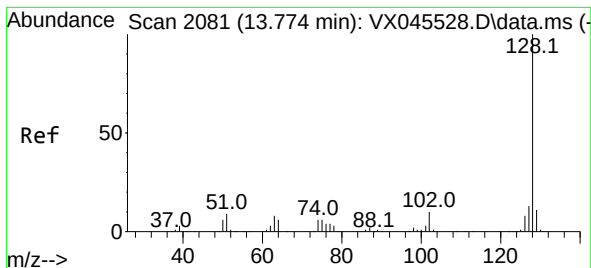


#94
Hexachlorobutadiene
Concen: 50.474 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045635.D
Acq: 08 Apr 2025 08:24



Tgt Ion:225 Resp: 29863
Ion Ratio Lower Upper
225 100
223 62.3 31.1 93.3
227 62.5 32.2 96.6





#95

Naphthalene

Concen: 47.448 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

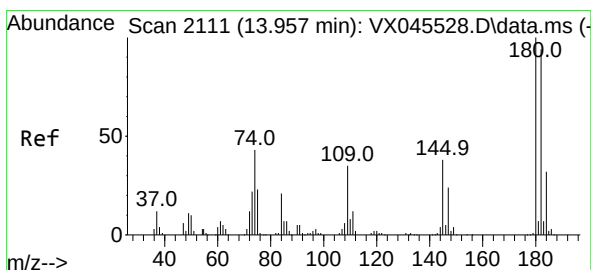
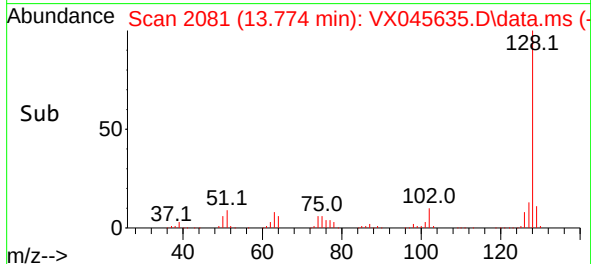
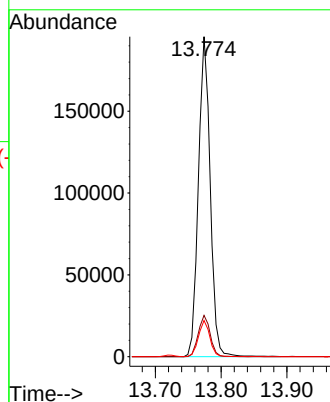
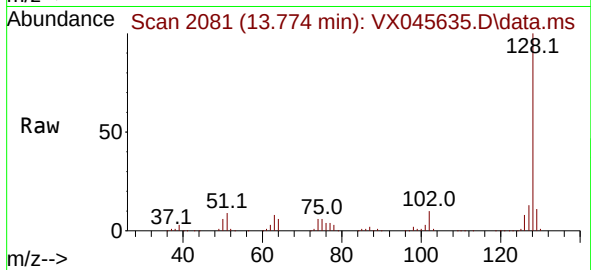
Tgt Ion:128 Resp: 24243
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.3 15.5
 129 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2025

Supervised By :Mahesh Dadoda 04/09/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.715 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045635.D

Acq: 08 Apr 2025 08:24

Tgt Ion:180 Resp: 68602
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 141.8
 145 36.8 18.2 54.6

