

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
 Data File : VX044648.D
 Acq On : 15 Jan 2025 10:31
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jan 16 00:58:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 00:57:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/15/2025
 Supervised By : Semsettin Yesilyurt 01/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	214233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	389452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	329917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	135288	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	2555	0.886	ug/l	97
3) Chloromethane	1.295	50	3539	1.135	ug/l	96
4) Vinyl Chloride	1.374	62	3434	1.115	ug/l #	64
6) Chloroethane	1.660	64	708	1.253	ug/l #	83
7) Trichlorofluoromethane	1.862	101	3682	1.082	ug/l	89
8) Diethyl Ether	2.130	74	1689	1.229	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.313	101	2905	1.135	ug/l #	88
12) 1,1-Dichloroethene	2.313	96	2735	1.090	ug/l	82
14) Allyl chloride	2.654	41	6137	1.257	ug/l	88
15) Acrylonitrile	3.069	53	7502	5.306	ug/l	95
16) Acetone	2.386	43	7914	6.186	ug/l	97
17) Carbon Disulfide	2.496	76	7240	1.058	ug/l	96
18) Methyl Acetate	2.703	43	4460	1.130	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	9974	1.098	ug/l	96
20) Methylene Chloride	2.782	84	3548	1.191	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	3164	1.208	ug/l	94
22) Diisopropyl ether	3.758	45	9038	1.065	ug/l #	76
23) Vinyl Acetate	3.721	43	39593	5.328	ug/l	98
24) 1,1-Dichloroethane	3.599	63	5359	1.064	ug/l	98
25) 2-Butanone	4.574	43	9672	5.085	ug/l	94
26) 2,2-Dichloropropane	4.459	77	5837	1.196	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	4029	1.223	ug/l	87
28) Bromochloromethane	4.891	49	2733	1.162	ug/l #	95
29) Tetrahydrofuran	5.019	42	6842	5.576	ug/l	98
30) Chloroform	5.087	83	5401	1.063	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	5968	1.278	ug/l #	47
36) 1,1-Dichloropropene	5.678	75	4243	1.232	ug/l #	92
37) Ethyl Acetate	4.727	43	3269	0.891	ug/l #	88
38) Carbon Tetrachloride	5.666	117	4558	1.177	ug/l	85
39) Methylcyclohexane	7.367	83	5156	1.128	ug/l	98
40) Benzene	6.025	78	11813	1.107	ug/l	97
41) Methacrylonitrile	4.928	41	2415m	1.146	ug/l	
42) 1,2-Dichloroethane	6.092	62	4299	1.104	ug/l	91
43) Isopropyl Acetate	6.355	43	7640	1.132	ug/l	96
44) Trichloroethene	7.123	130	2633	1.026	ug/l	91
45) 1,2-Dichloropropane	7.434	63	2857	1.064	ug/l	99

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Quant Time: Jan 16 00:58:03 2025
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 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 00:57:36 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

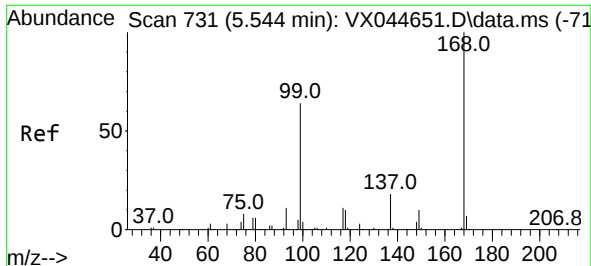
Reviewed By : John Carlone 01/15/2025
 Supervised By : Semsettin Yesilyurt 01/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	2337	1.143	ug/l	94
47) Bromodichloromethane	7.818	83	4937	1.177	ug/l	89
48) Methyl methacrylate	7.702	41	3029	0.967	ug/l	91
49) 1,4-Dioxane	7.696	88	1485	22.727	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	21388	5.736	ug/l	100
52) Toluene	8.714	92	7332	1.122	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	4499	1.038	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	5328	1.134	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	3124	1.182	ug/l	91
56) Ethyl methacrylate	9.122	69	4994	1.099	ug/l	89
57) 1,3-Dichloropropane	9.311	76	5078	1.128	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.245	63	14681	6.581	ug/l	98
59) 2-Hexanone	9.439	43	15480	5.643	ug/l	98
60) Dibromochloromethane	9.519	129	3495	1.127	ug/l	100
61) 1,2-Dibromoethane	9.610	107	3200	1.155	ug/l	96
64) Tetrachloroethene	9.269	164	2280	1.101	ug/l	87
65) Chlorobenzene	10.073	112	7770	1.109	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	2769	1.087	ug/l #	62
67) Ethyl Benzene	10.195	91	13366	1.093	ug/l	93
68) m/p-Xylenes	10.299	106	10180	2.244	ug/l	100
69) o-Xylene	10.640	106	5193	1.132	ug/l	97
70) Styrene	10.659	104	7732	1.044	ug/l	93
71) Bromoform	10.799	173	2194	1.058	ug/l #	93
73) Isopropylbenzene	10.964	105	12214	1.105	ug/l	97
74) N-amyl acetate	10.848	43	6028	1.107	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	4377	1.147	ug/l	91
76) 1,2,3-Trichloropropane	11.244	75	3574m	1.119	ug/l	
77) Bromobenzene	11.201	156	2937	1.137	ug/l	93
78) n-propylbenzene	11.305	91	13264	1.088	ug/l	98
79) 2-Chlorotoluene	11.366	91	9159	1.163	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	10031	1.115	ug/l	97
82) 4-Chlorotoluene	11.457	91	9494	1.101	ug/l	93
83) tert-Butylbenzene	11.713	119	10869	1.155	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	10735	1.174	ug/l	94
85) sec-Butylbenzene	11.890	105	12217	1.115	ug/l	99
86) p-Isopropyltoluene	12.012	119	9910	1.101	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	4688	1.046	ug/l	97
88) 1,4-Dichlorobenzene	12.037	146	5172m	1.163	ug/l	
89) n-Butylbenzene	12.335	91	8095	1.047	ug/l	94
90) Hexachloroethane	12.536	117	2589	1.270	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	5192	1.128	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1100	1.178	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	2587	0.941	ug/l	92
94) Hexachlorobutadiene	13.725	225	1133	1.049	ug/l	91
95) Naphthalene	13.780	128	10956	1.033	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2863	1.004	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

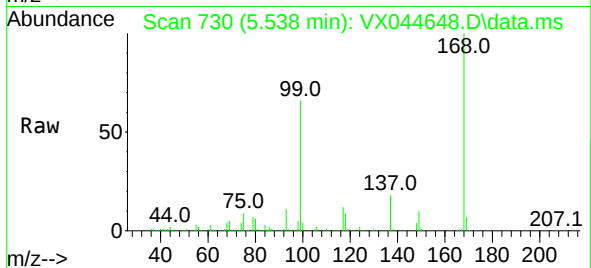
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

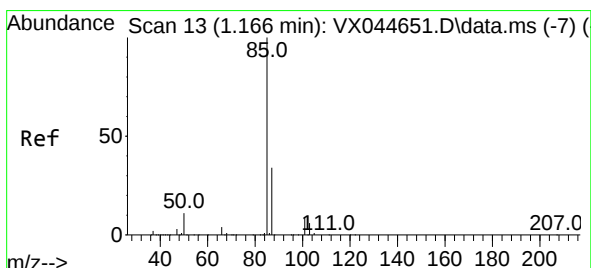
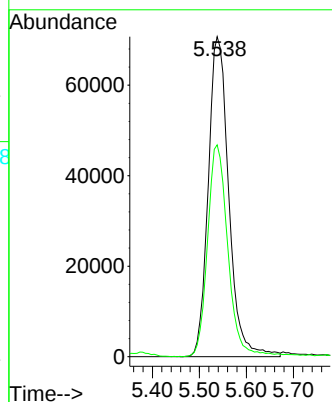
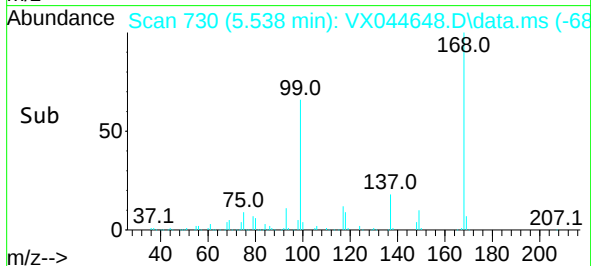
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:168 Resp: 21423
Ion Ratio Lower Upper
168 100
99 66.1 51.1 76.7

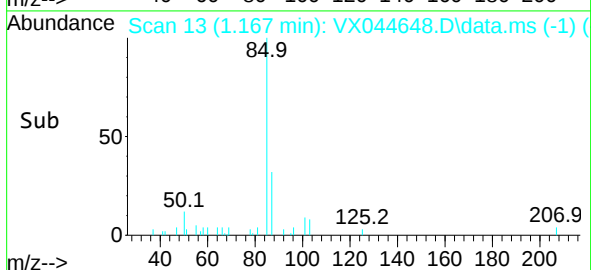
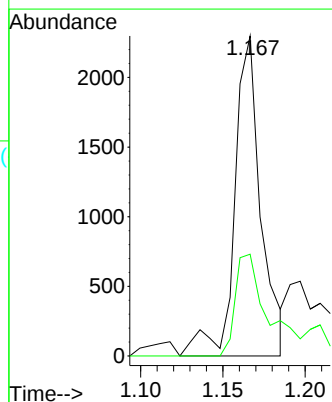
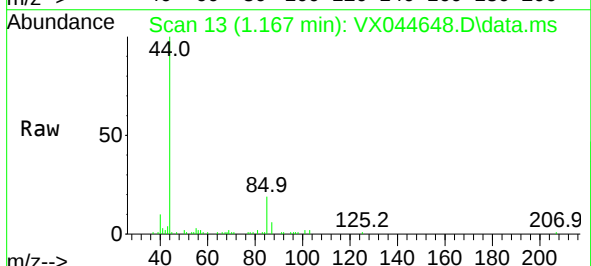
Manual Integrations
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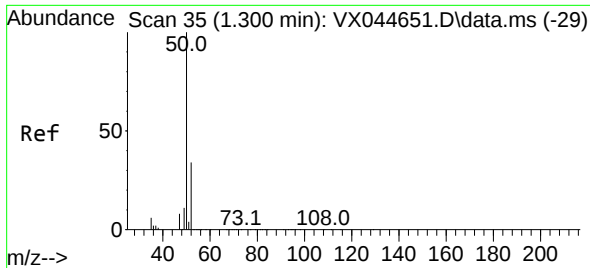
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#2
Dichlorodifluoromethane
Concen: 0.886 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

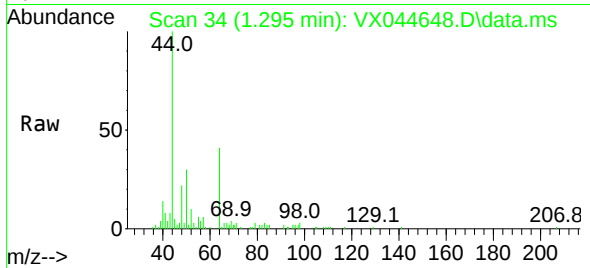
Tgt Ion: 85 Resp: 2555
Ion Ratio Lower Upper
85 100
87 31.8 16.8 50.4





#3
Chloromethane
Concen: 1.135 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

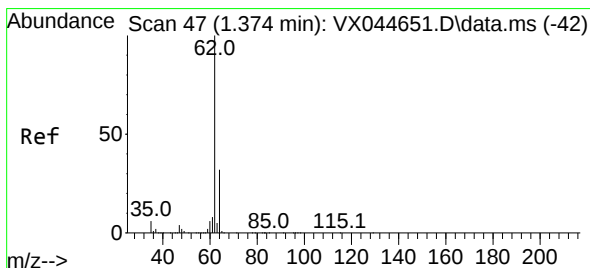
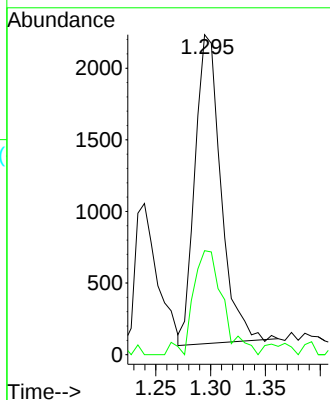
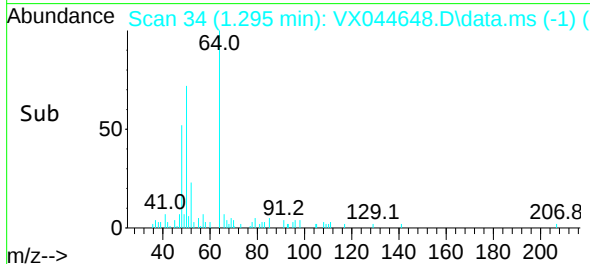
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 50 Resp: 3539
Ion Ratio Lower Upper
50 100
52 31.5 27.0 40.4

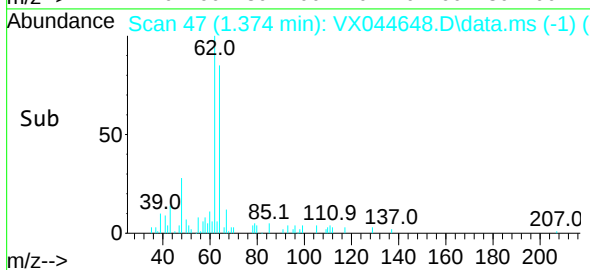
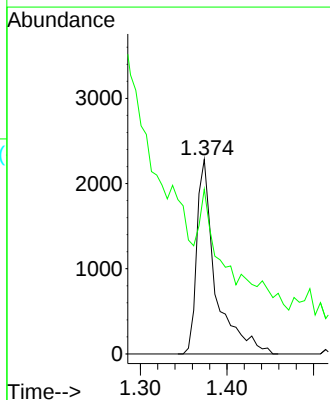
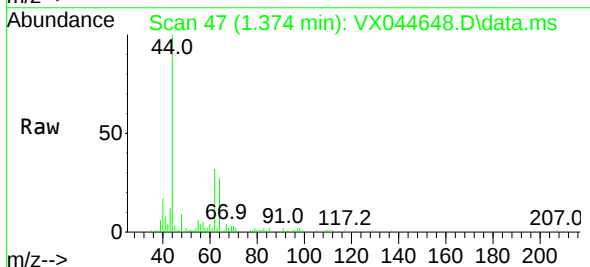
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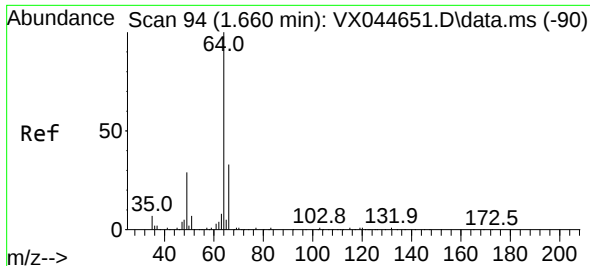
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#4
Vinyl Chloride
Concen: 1.115 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

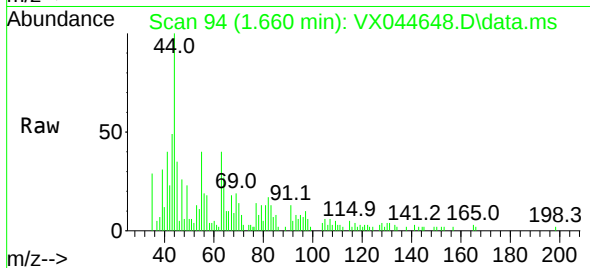
Tgt Ion: 62 Resp: 3434
Ion Ratio Lower Upper
62 100
64 53.6 26.6 39.8





#6
Chloroethane
Concen: 1.253 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

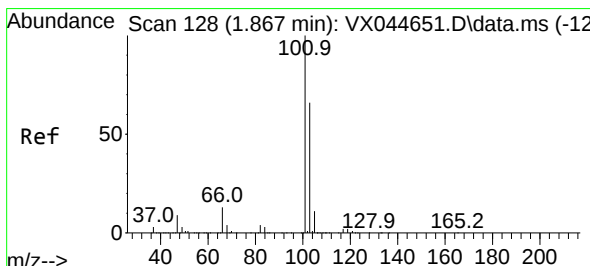
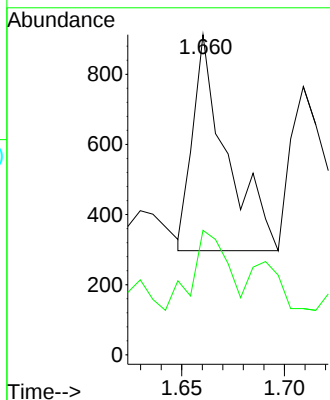
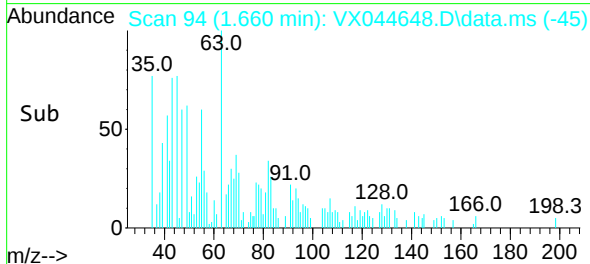
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 708
Ion Ratio Lower Upper
64 100
66 23.4 26.6 39.8

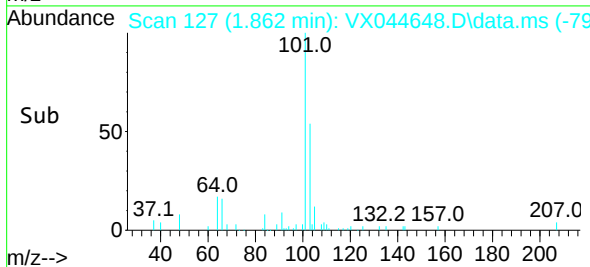
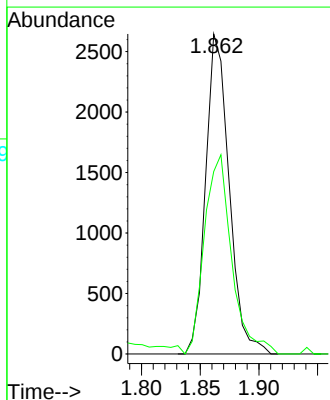
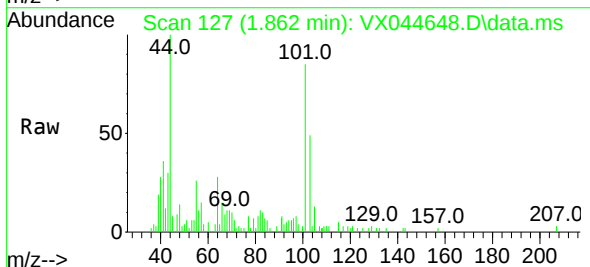
Manual Integrations
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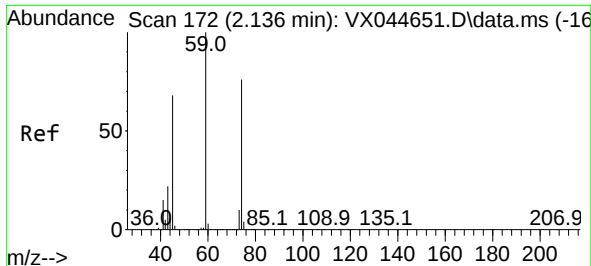
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#7
Trichlorofluoromethane
Concen: 1.082 ug/l
RT: 1.862 min Scan# 127
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

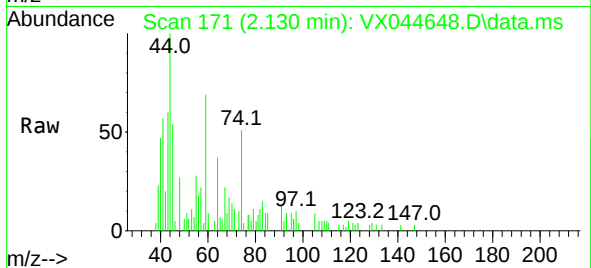
Tgt Ion:101 Resp: 3682
Ion Ratio Lower Upper
101 100
103 57.0 52.5 78.7





#8
Diethyl Ether
Concen: 1.229 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

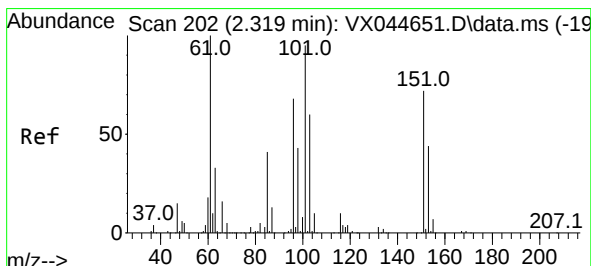
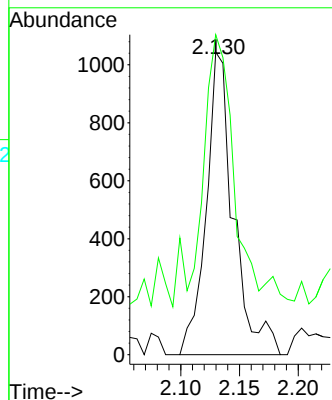
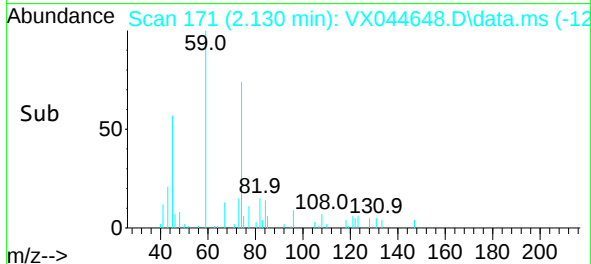
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MSVOA_X
ClientSampleId :
VSTDIC001



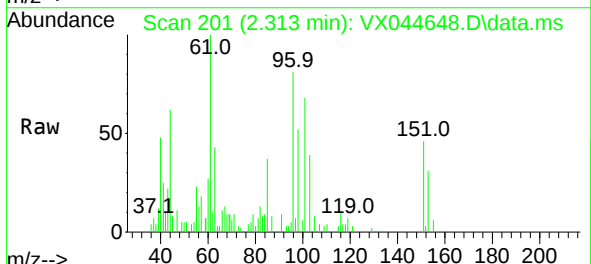
Tgt Ion: 74 Resp: 1689
Ion Ratio Lower Upper
74 100
45 106.7 47.1 141.3

Manual Integrations
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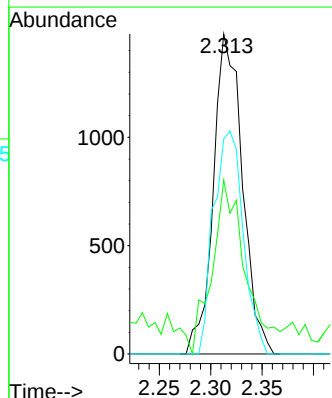
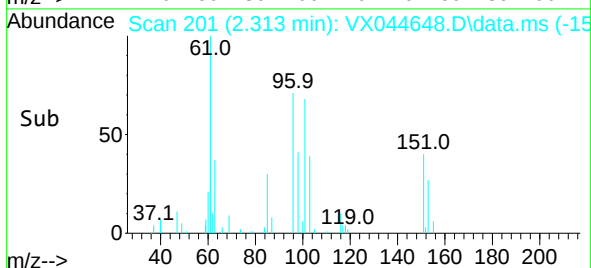
Reviewed By :John Carlone 01/15/2025
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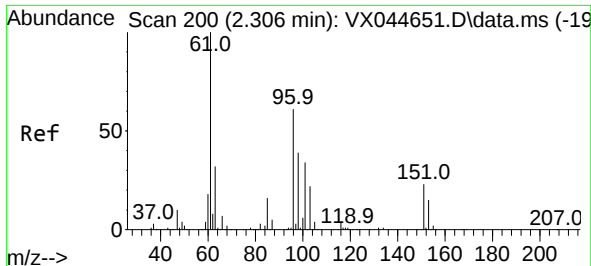


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.135 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31



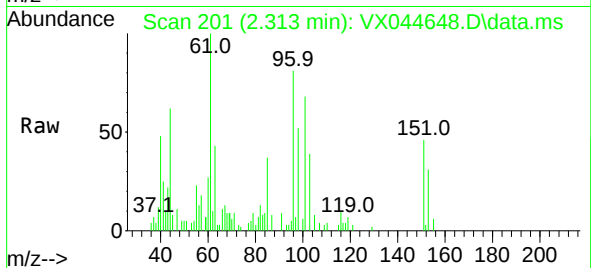
Tgt Ion:101 Resp: 2905
Ion Ratio Lower Upper
101 100
85 62.7 35.3 52.9#
151 71.2 58.2 87.4





#12
1,1-Dichloroethene
Concen: 1.090 ug/l
RT: 2.313 min Scan# 200
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

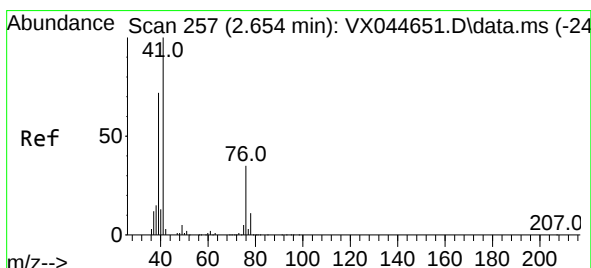
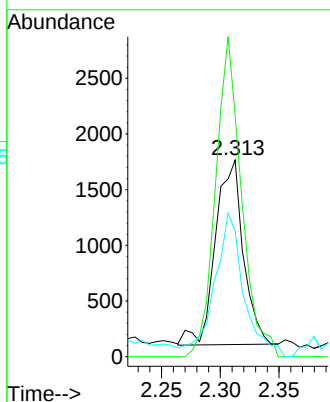
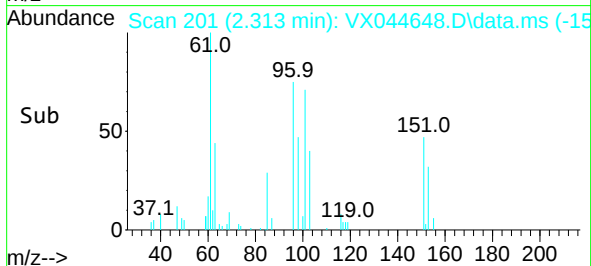
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 273
Ion Ratio Lower Upper
96 100
61 131.3 131.1 196.7
98 63.5 51.2 76.8

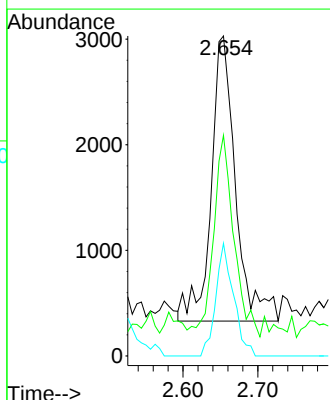
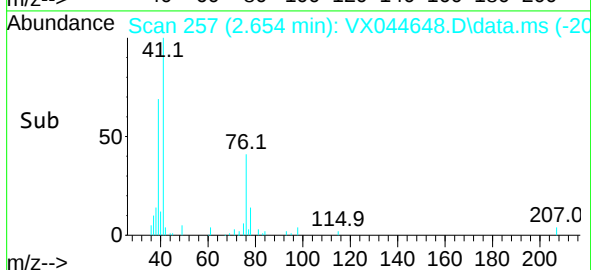
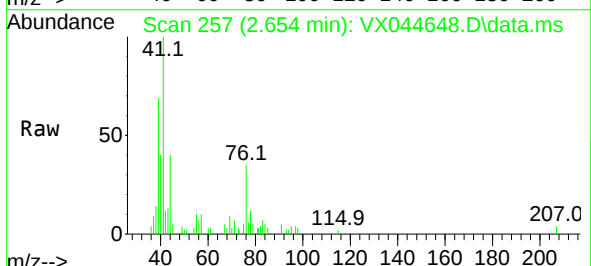
Manual Integrations
APPROVED

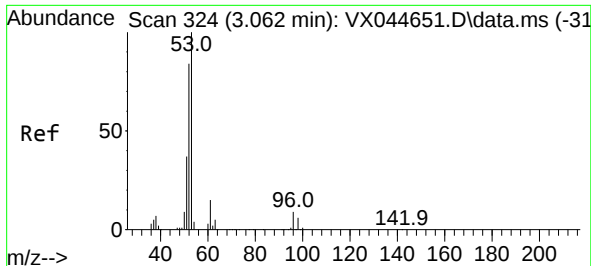
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#14
Allyl chloride
Concen: 1.257 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

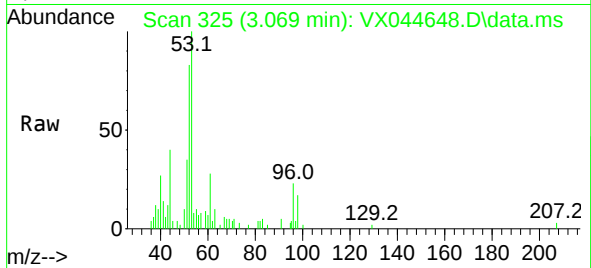
Tgt Ion: 41 Resp: 6137
Ion Ratio Lower Upper
41 100
39 58.2 54.9 82.3
76 28.7 28.4 42.6





#15
Acrylonitrile
Concen: 5.306 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

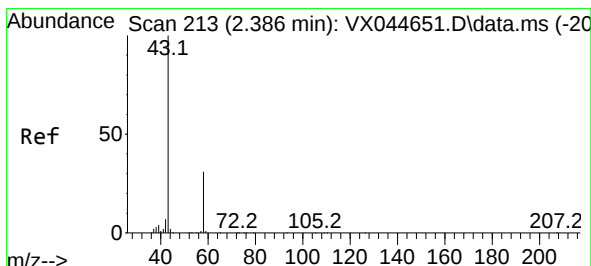
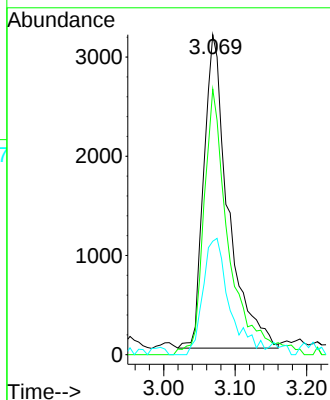
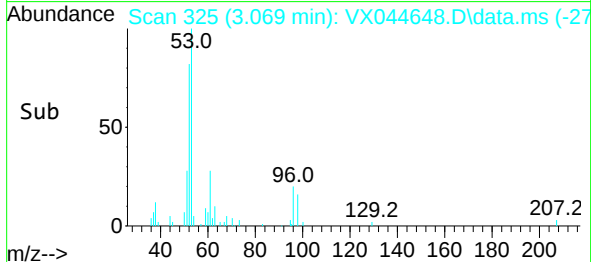
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 7502
Ion Ratio Lower Upper
53 100
52 86.7 66.0 99.0
51 40.4 28.9 43.3

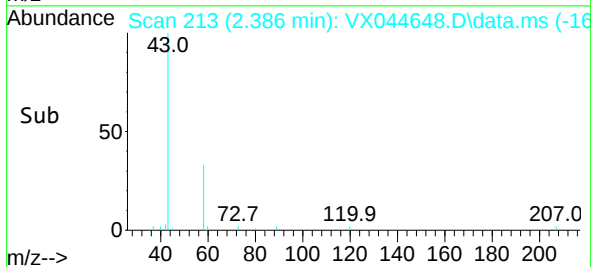
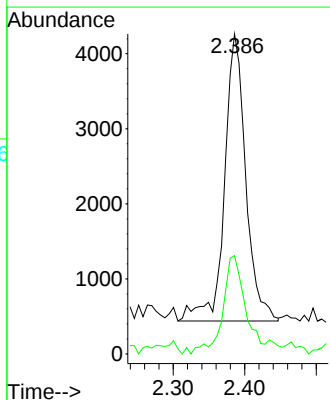
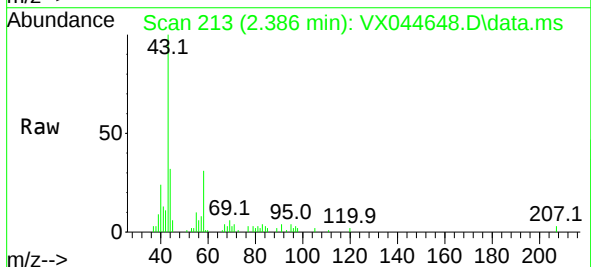
Manual Integrations
APPROVED

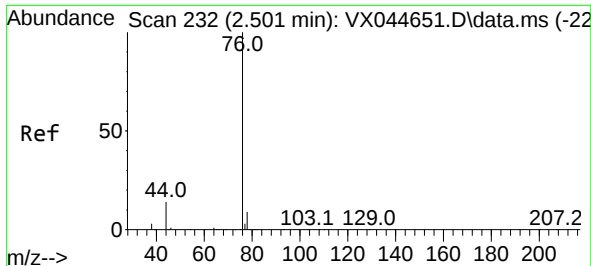
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#16
Acetone
Concen: 6.186 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

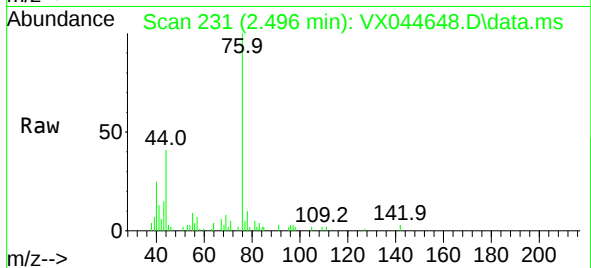
Tgt Ion: 43 Resp: 7914
Ion Ratio Lower Upper
43 100
58 32.5 24.6 37.0





#17
Carbon Disulfide
Concen: 1.058 ug/l
RT: 2.496 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

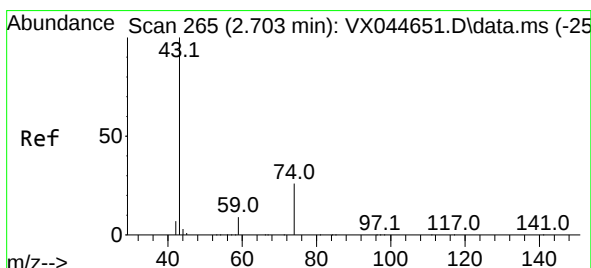
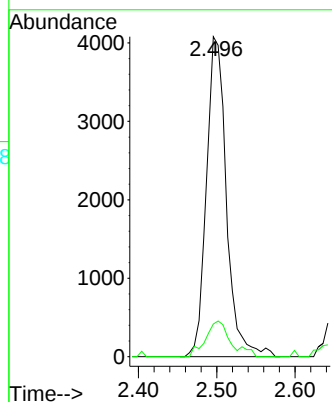
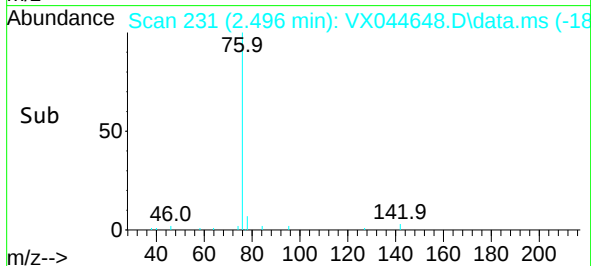
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 7240
Ion Ratio Lower Upper
76 100
78 10.2 7.1 10.7

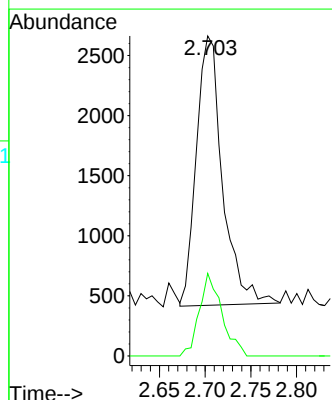
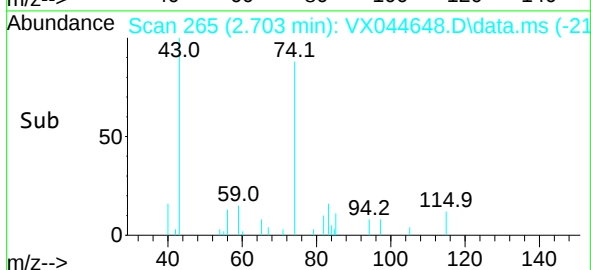
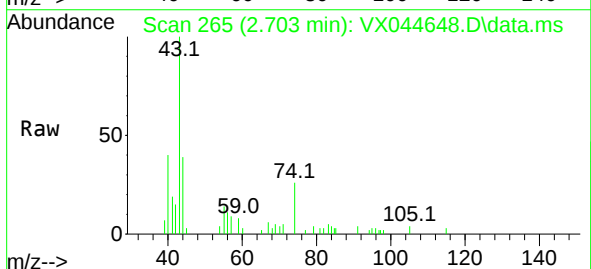
Manual Integrations
APPROVED

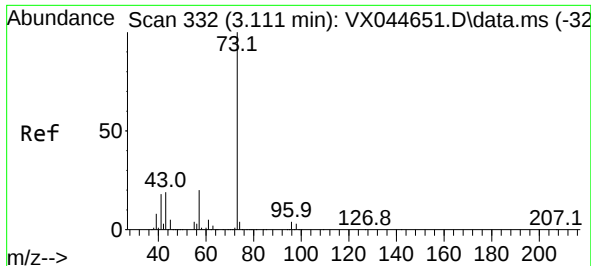
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#18
Methyl Acetate
Concen: 1.130 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

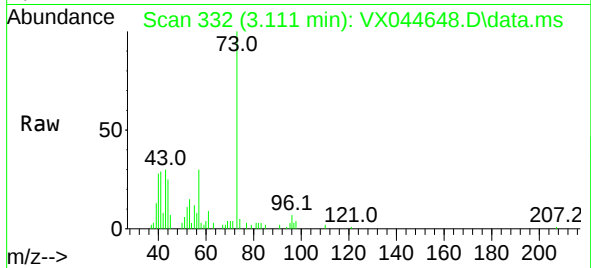
Tgt Ion: 43 Resp: 4460
Ion Ratio Lower Upper
43 100
74 26.5 19.8 29.8





#19
Methyl tert-butyl Ether
Concen: 1.098 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

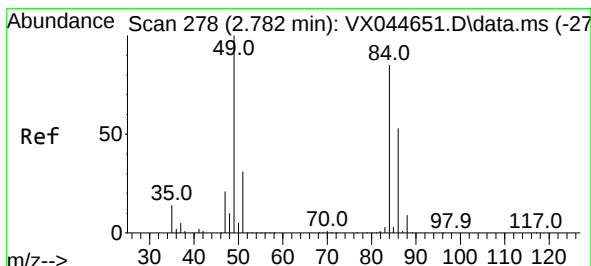
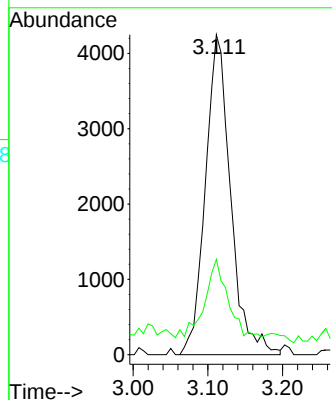
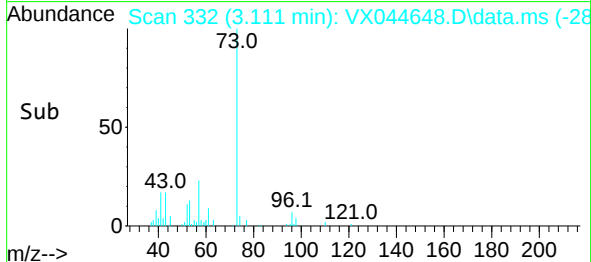
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 73 Resp: 9974
Ion Ratio Lower Upper
73 100
57 23.7 17.4 26.0

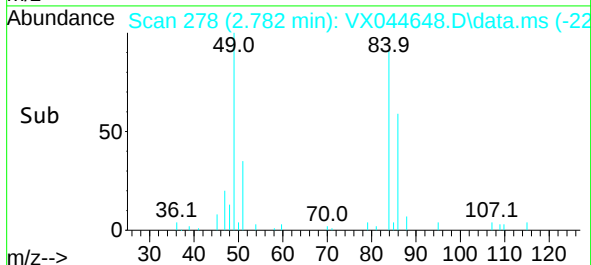
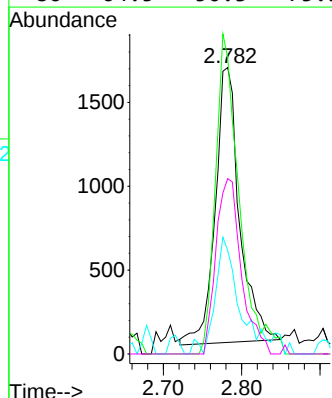
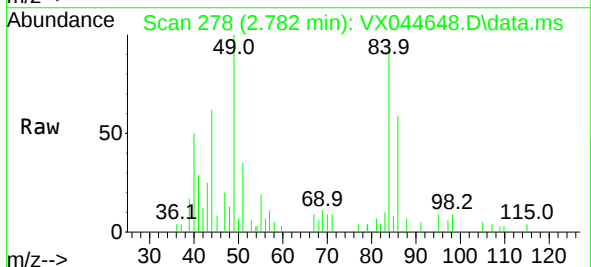
Manual Integrations
APPROVED

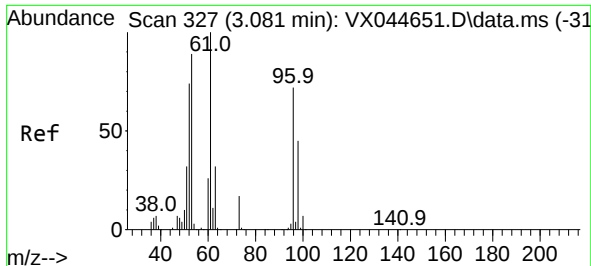
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#20
Methylene Chloride
Concen: 1.191 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

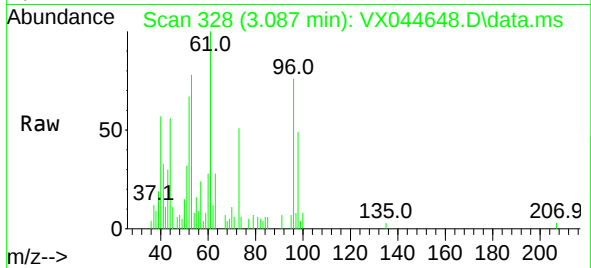
Tgt Ion: 84 Resp: 3548
Ion Ratio Lower Upper
84 100
49 108.9 94.2 141.4
51 34.2 28.8 43.2
86 64.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 1.208 ug/l
RT: 3.087 min Scan# 316
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

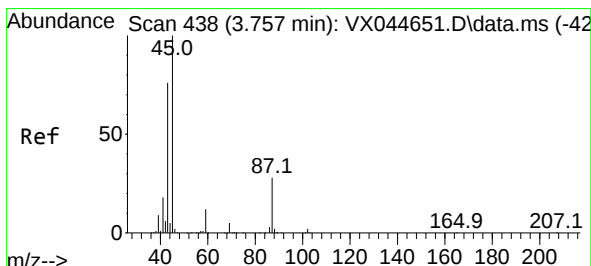
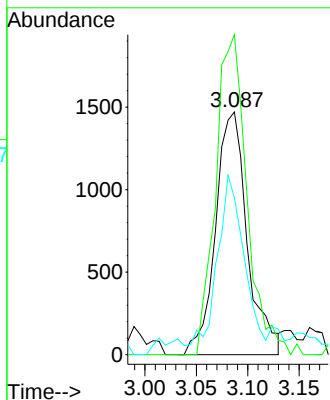
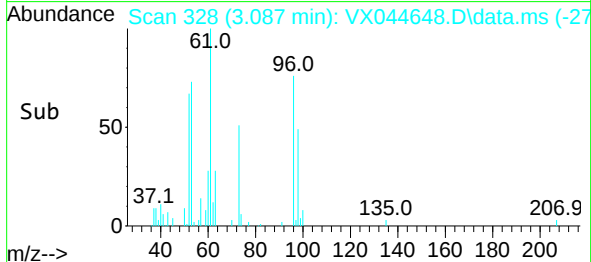
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 3164
Ion Ratio Lower Upper
96 100
61 131.8 111.0 166.6
98 58.2 50.2 75.2

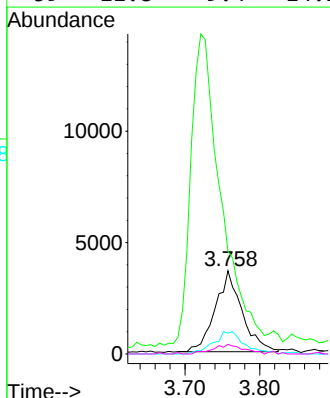
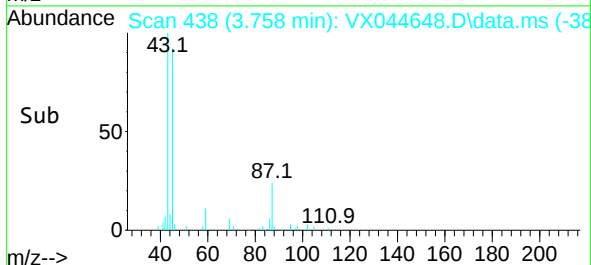
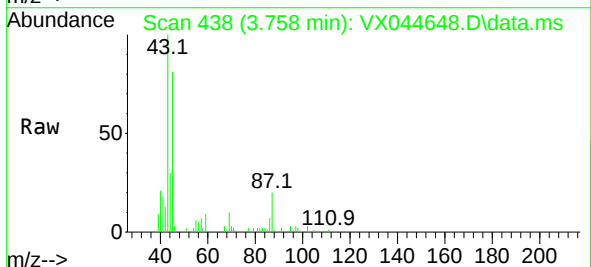
Manual Integrations
APPROVED

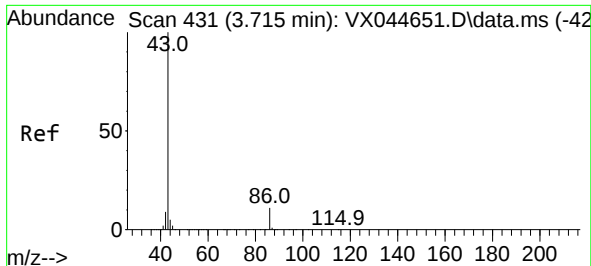
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#22
Diisopropyl ether
Concen: 1.065 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

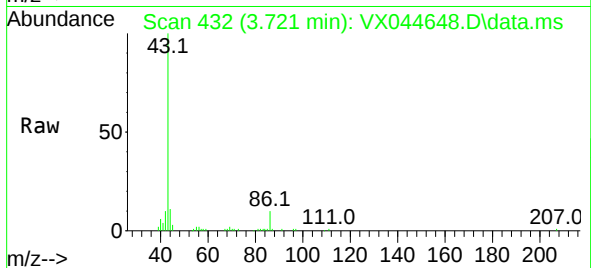
Tgt Ion: 45 Resp: 9038
Ion Ratio Lower Upper
45 100
43 106.2 61.0 91.6#
87 25.7 22.7 34.1
59 11.8 9.4 14.2





#23
Vinyl Acetate
Concen: 5.328 ug/l
RT: 3.721 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

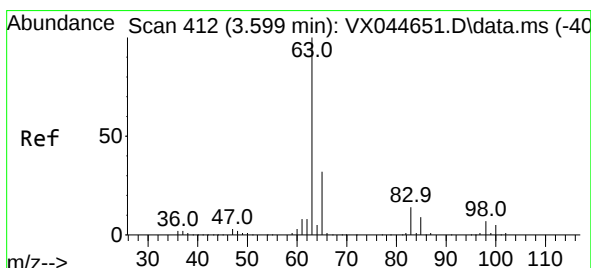
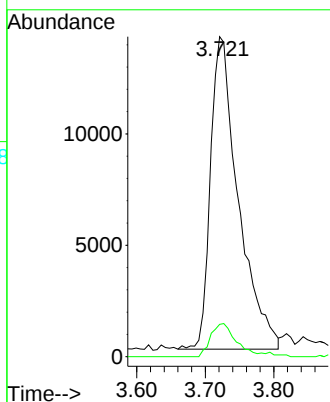
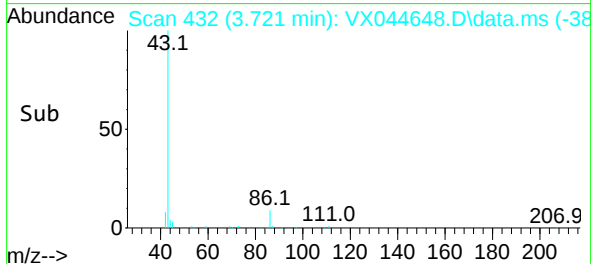
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 3959
Ion Ratio Lower Upper
43 100
86 10.3 8.9 13.3

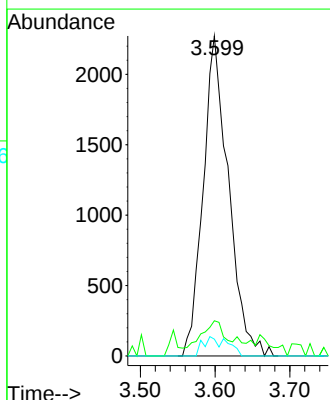
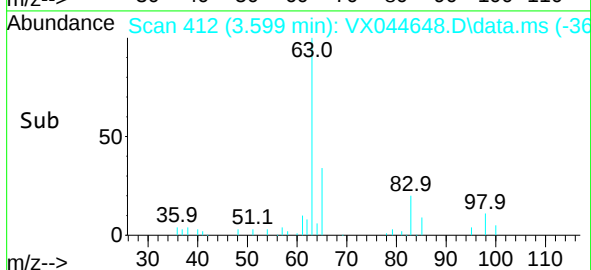
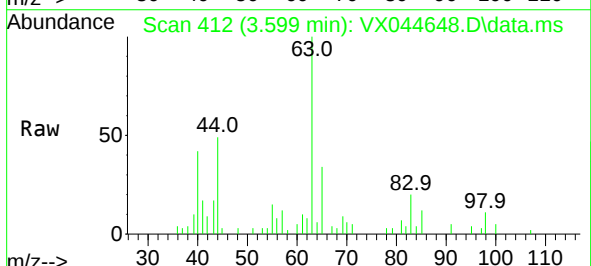
Manual Integrations
APPROVED

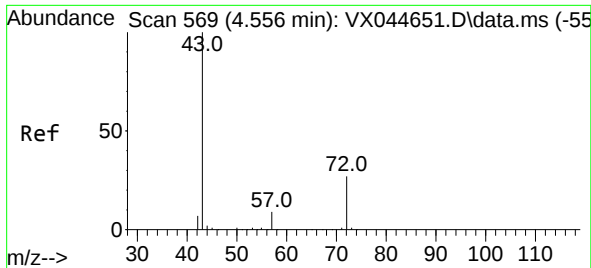
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#24
1,1-Dichloroethane
Concen: 1.064 ug/l
RT: 3.599 min Scan# 412
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion: 63 Resp: 5359
Ion Ratio Lower Upper
63 100
98 8.4 3.6 10.9
100 5.2 2.5 7.5





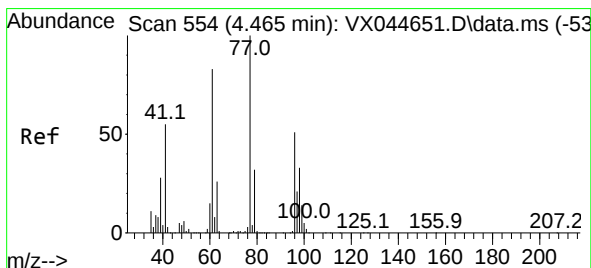
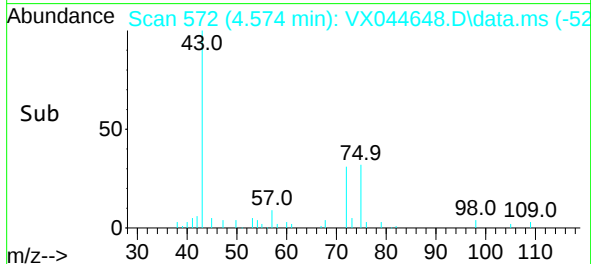
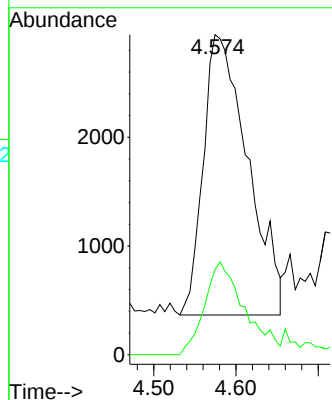
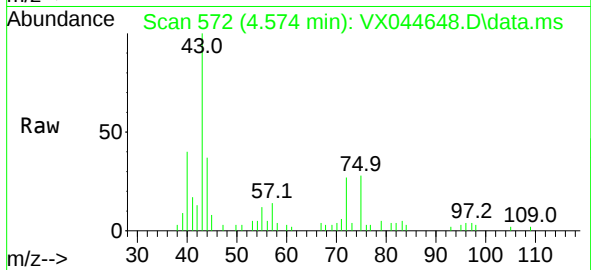
#25
2-Butanone
Concen: 5.085 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
72 30.4 21.7 32.5

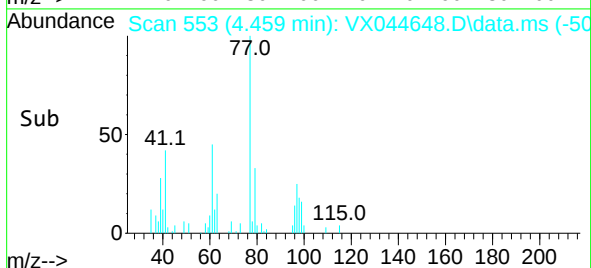
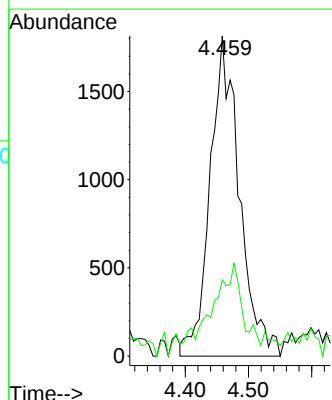
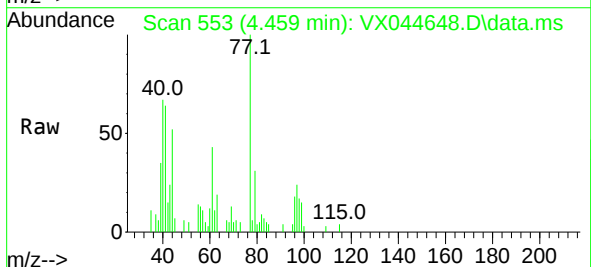
Manual Integrations
APPROVED

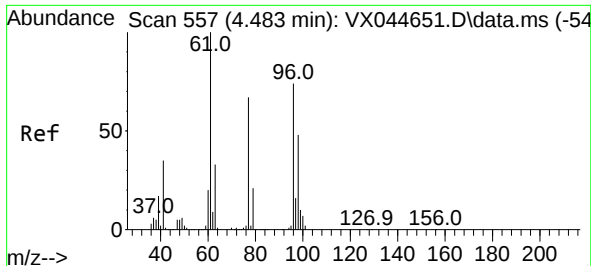
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#26
2,2-Dichloropropane
Concen: 1.196 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion: 77 Resp: 5837
Ion Ratio Lower Upper
77 100
97 24.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 1.223 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

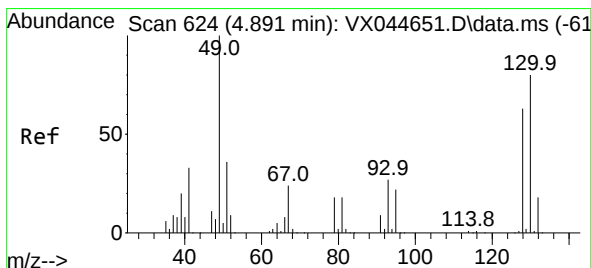
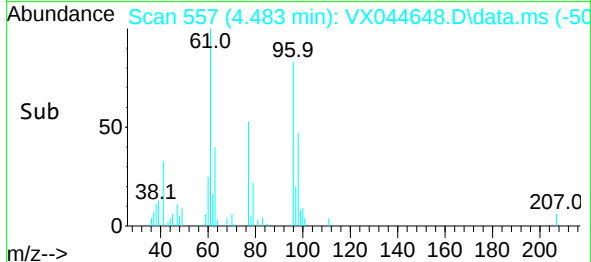
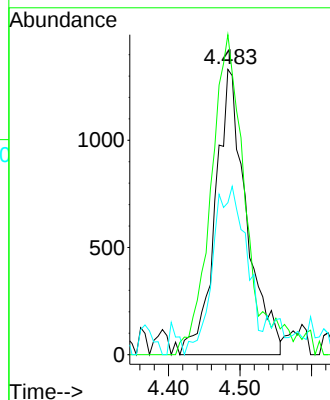
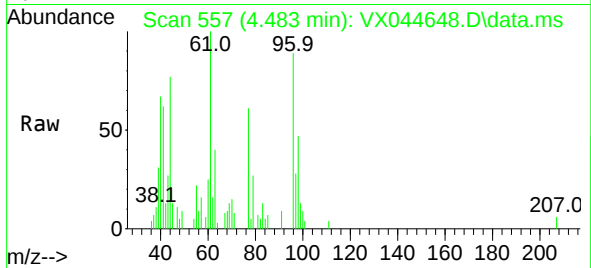
Tgt Ion: 96	Resp: 4029
Ion Ratio	Lower Upper
96 100	
61 124.2	0.0 296.0
98 64.2	0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#28

Bromochloromethane

Concen: 1.162 ug/l

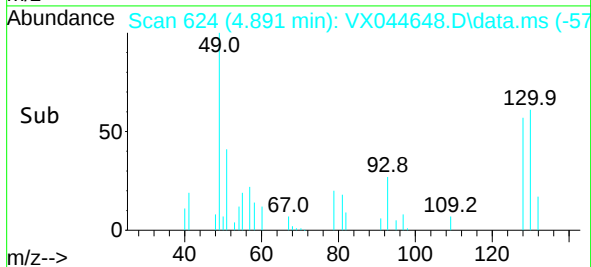
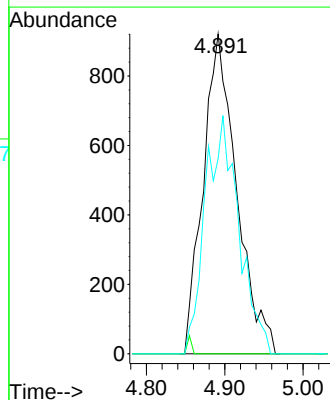
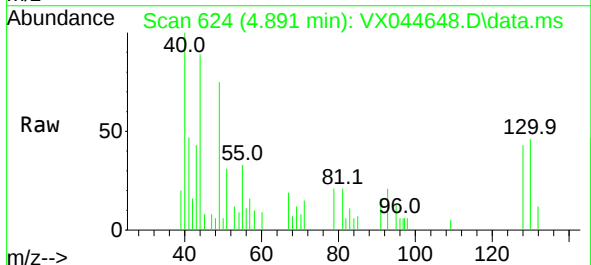
RT: 4.891 min Scan# 624

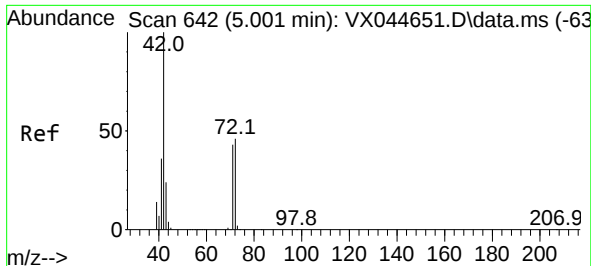
Delta R.T. 0.000 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Tgt Ion: 49	Resp: 2733
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.4
130 74.9	63.4 95.2





#29

Tetrahydrofuran

Concen: 5.576 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

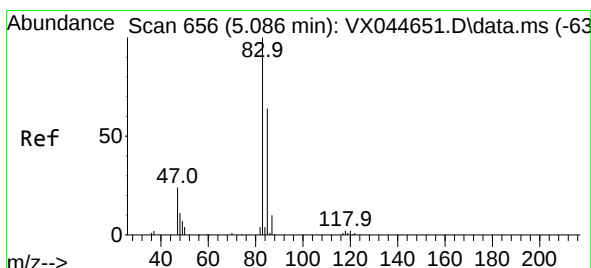
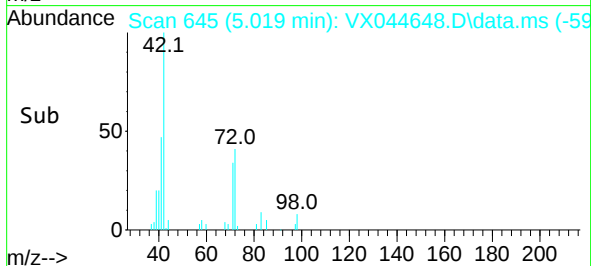
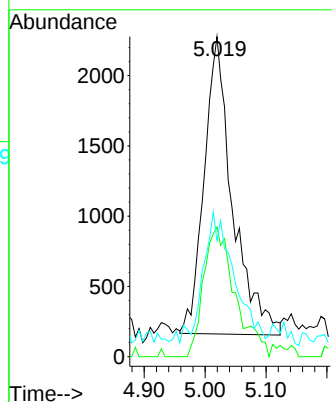
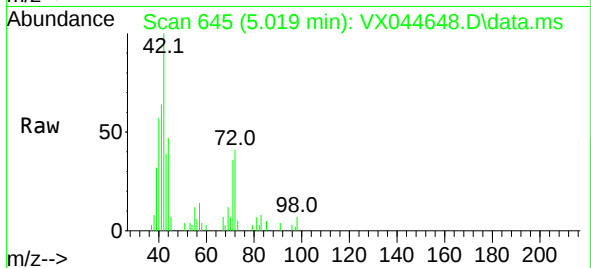
Tgt Ion:	42	Resp:	684
Ion Ratio	Lower	Upper	
42	100		
72	48.2	38.2	57.4
71	46.5	35.3	52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#30

Chloroform

Concen: 1.063 ug/l

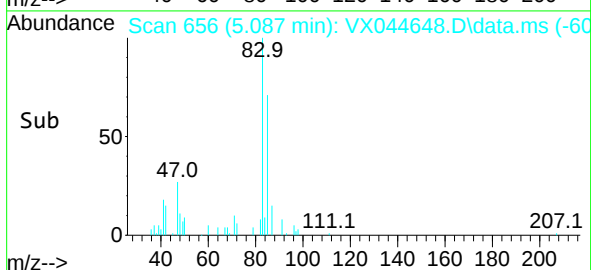
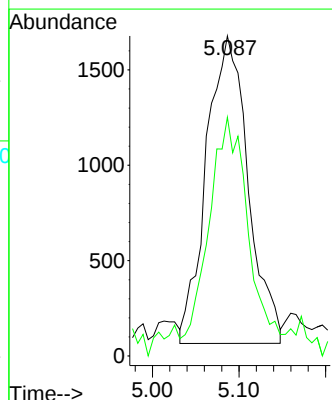
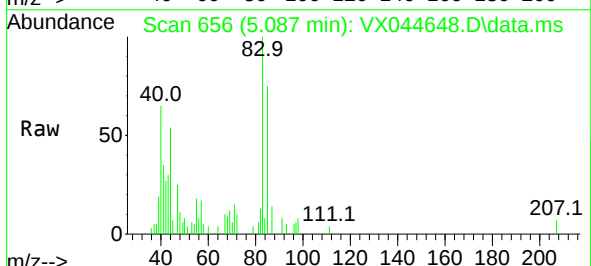
RT: 5.087 min Scan# 656

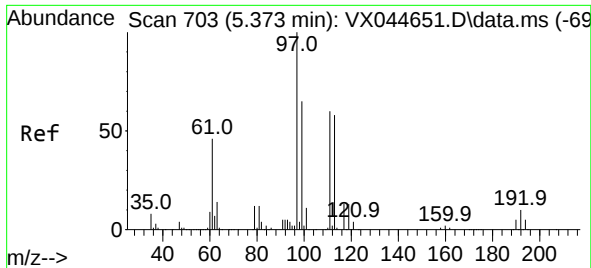
Delta R.T. 0.000 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

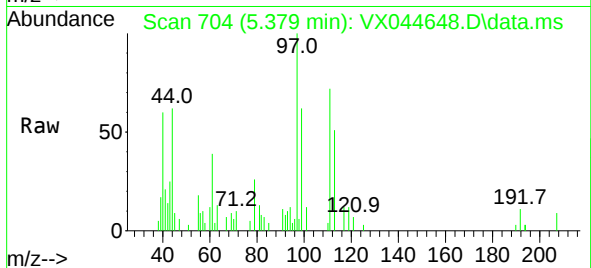
Tgt Ion:	83	Resp:	5401
Ion Ratio	Lower	Upper	
83	100		
85	75.4	51.2	76.8





#32
1,1,1-Trichloroethane
Concen: 1.278 ug/l
RT: 5.379 min Scan# 70
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

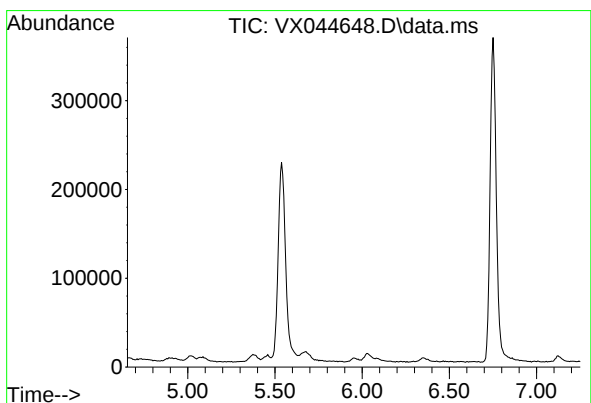
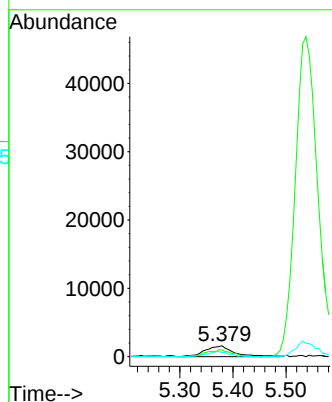
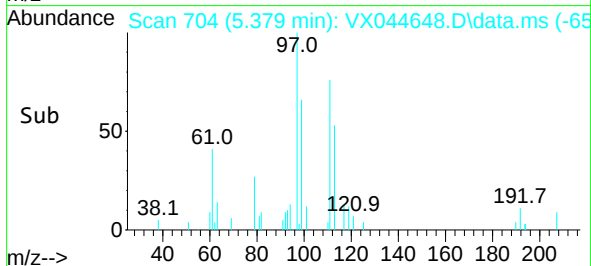
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 97 Resp: 596
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4
61 37.6 35.6 53.4

Manual Integrations
APPROVED

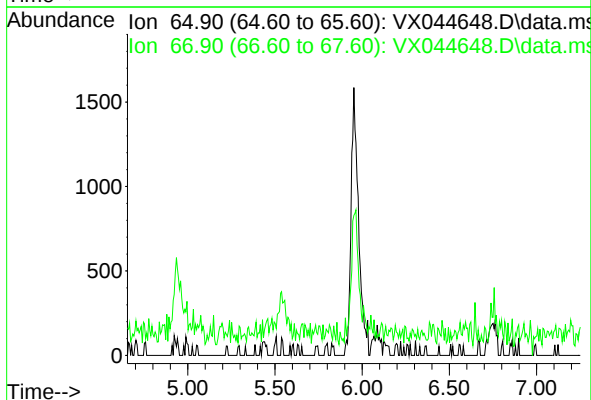
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

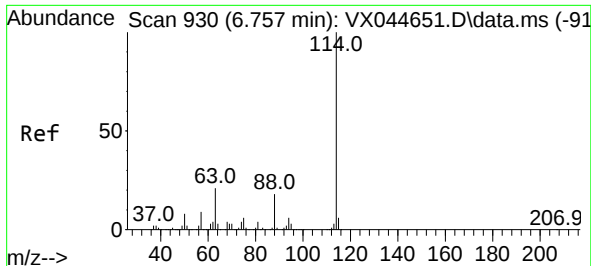


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.95 min

Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

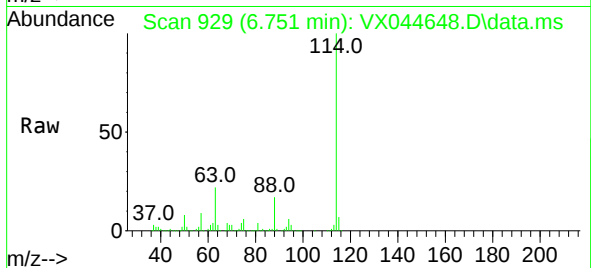
Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.7





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

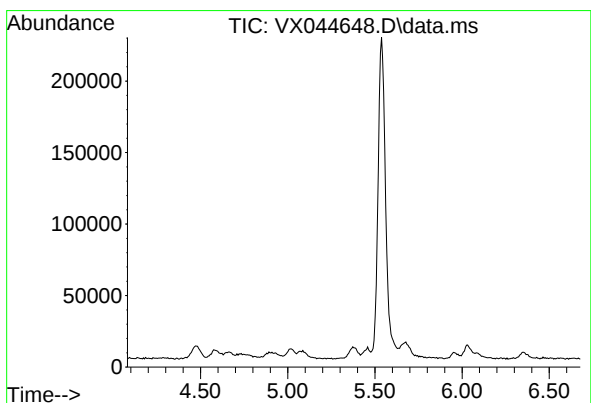
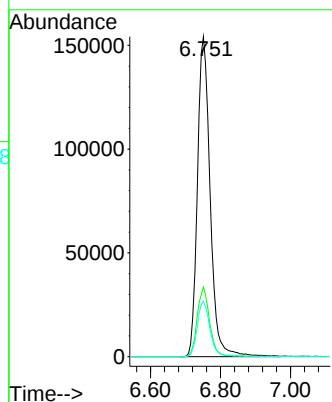
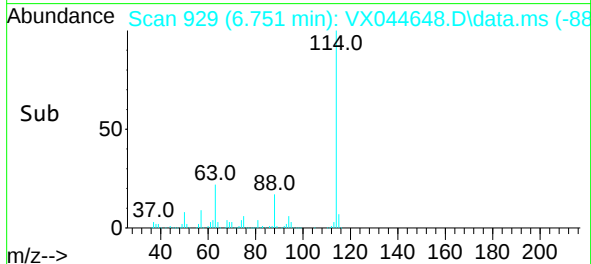
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion:114 Resp: 38945
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.0
88 17.4 0.0 35.4

Manual Integrations
APPROVED

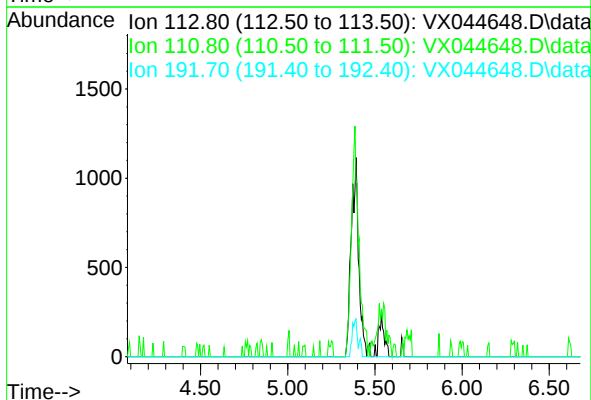
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

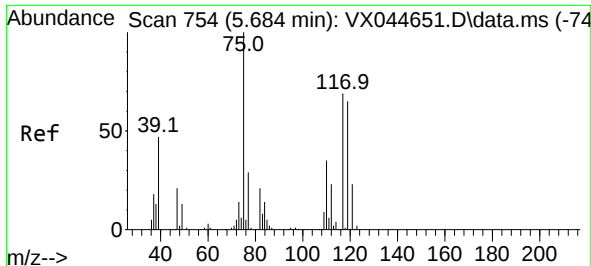


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.38 min

Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

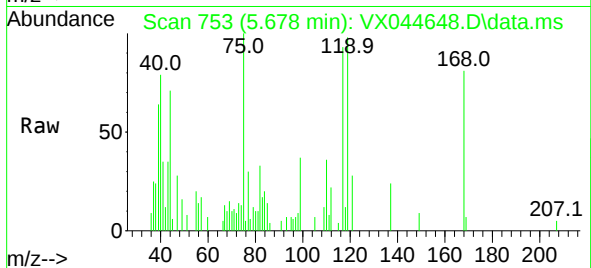
Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.0
192 18.0





#36
1,1-Dichloropropene
Concen: 1.232 ug/l
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

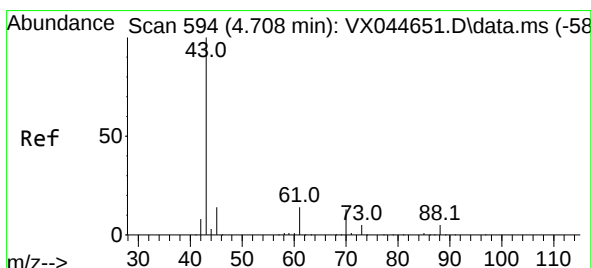
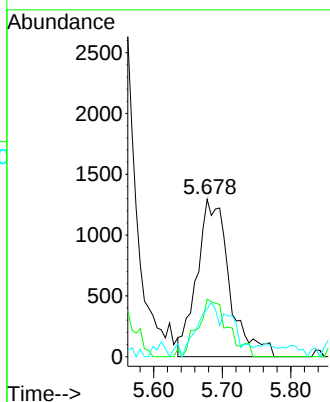
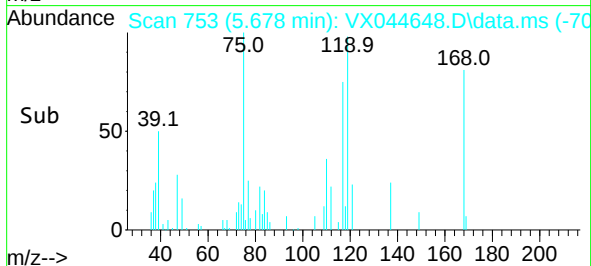
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 424
Ion Ratio Lower Upper
75 100
110 34.5 17.9 53.8
77 22.1 24.5 36.7

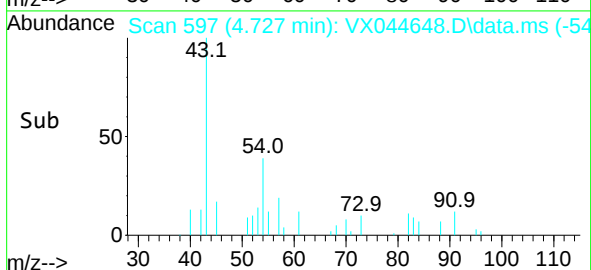
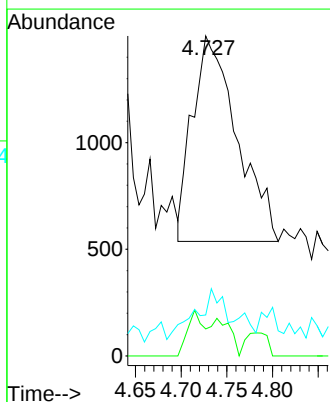
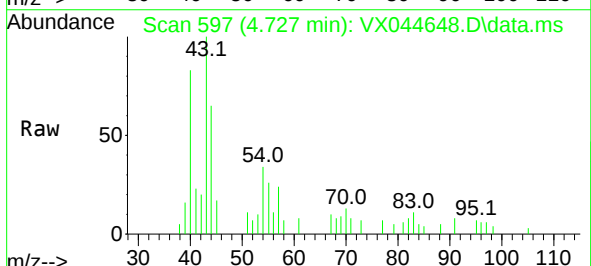
Manual Integrations
APPROVED

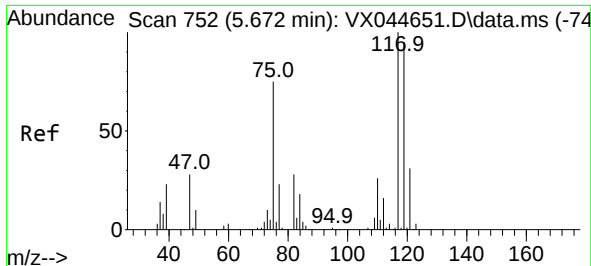
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#37
Ethyl Acetate
Concen: 0.891 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.019 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

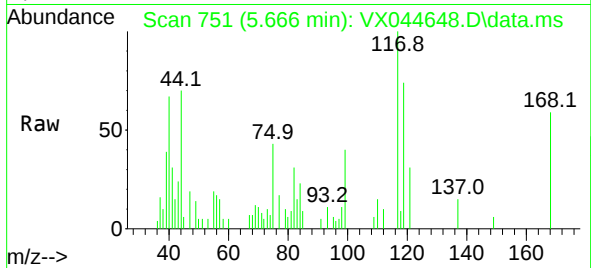
Tgt Ion: 43 Resp: 3269
Ion Ratio Lower Upper
43 100
61 7.9 10.9 16.3#
70 16.0 10.1 15.1#





#38
Carbon Tetrachloride
Concen: 1.177 ug/l
RT: 5.666 min Scan# 70
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

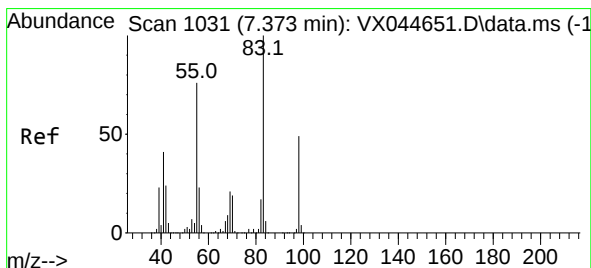
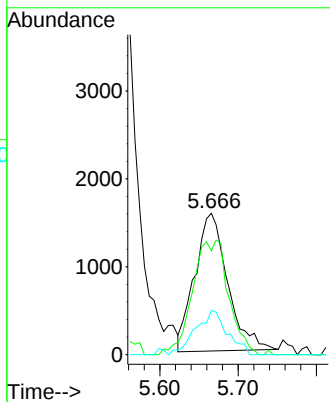
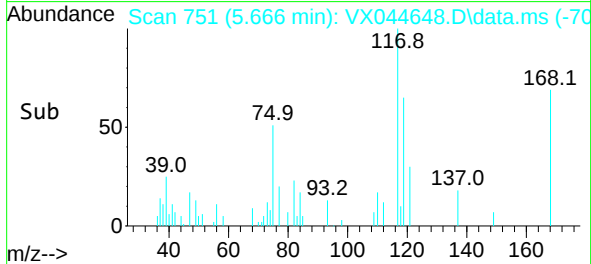
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:117 Resp: 4558
Ion Ratio Lower Upper
117 100
119 76.4 76.0 114.0
121 32.5 24.6 36.8

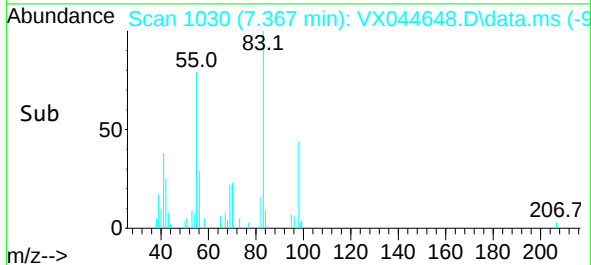
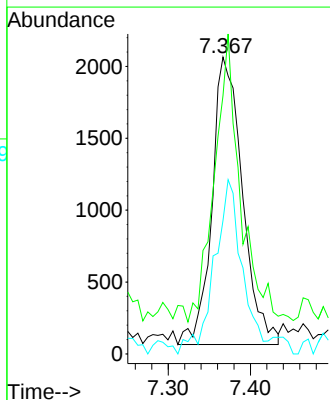
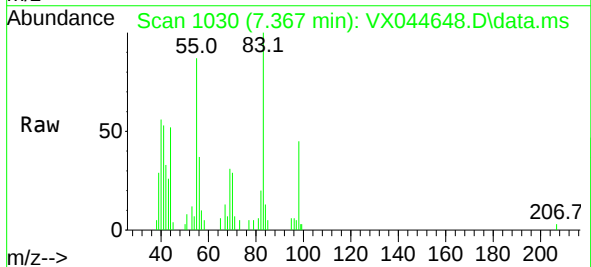
Manual Integrations
APPROVED

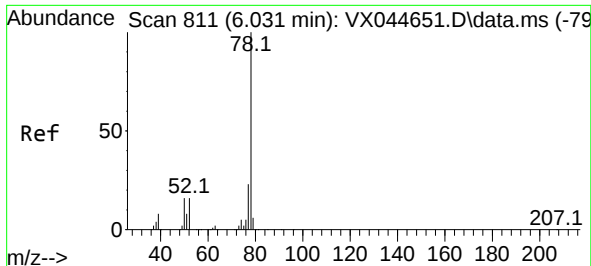
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#39
Methylcyclohexane
Concen: 1.128 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion: 83 Resp: 5156
Ion Ratio Lower Upper
83 100
55 76.8 60.5 90.7
98 46.4 39.0 58.4





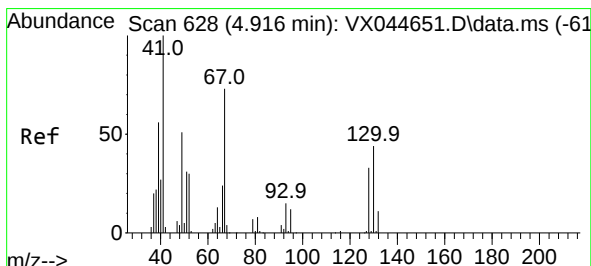
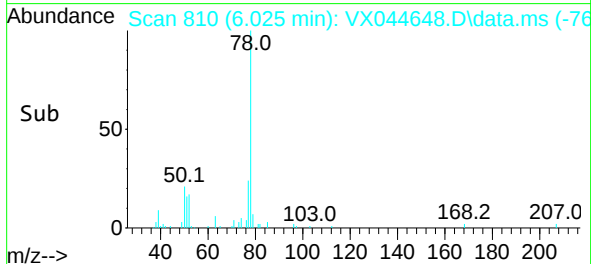
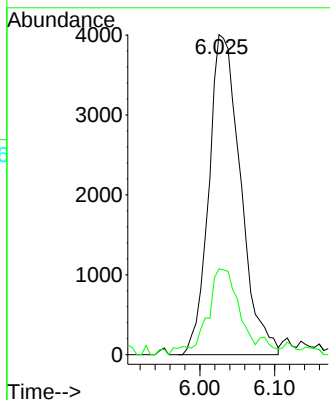
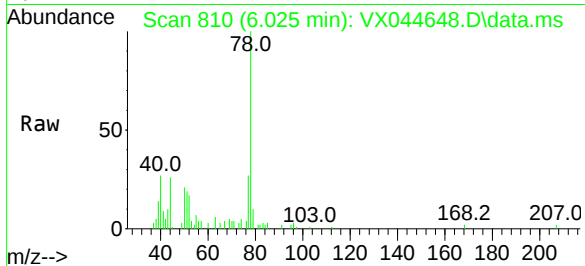
#40
Benzene
Concen: 1.107 ug/l
RT: 6.025 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 1181
Ion Ratio Lower Upper
78 100
77 25.1 18.7 28.1

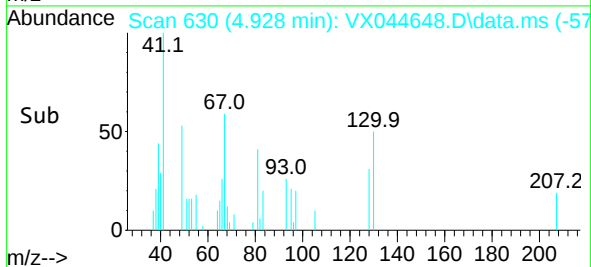
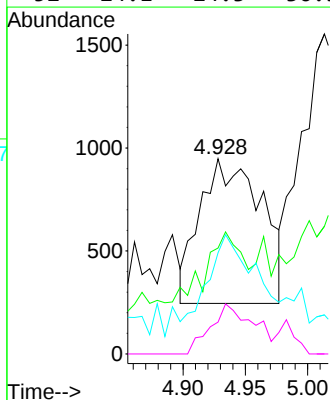
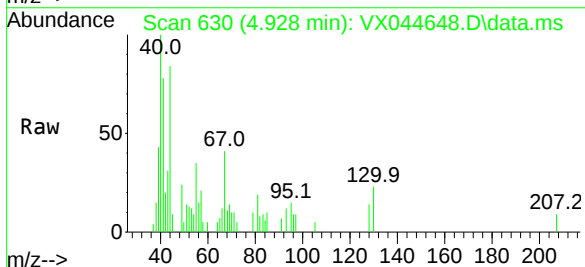
Manual Integrations
APPROVED

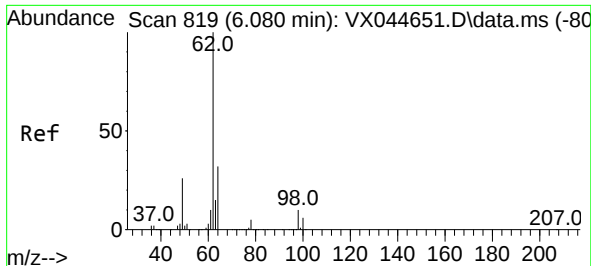
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#41
Methacrylonitrile
Concen: 1.146 ug/l m
RT: 4.928 min Scan# 630
Delta R.T. 0.012 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion: 41 Resp: 2415
Ion Ratio Lower Upper
41 100
39 28.4 44.4 66.6#
67 60.1 60.6 90.8#
52 24.1 24.3 36.5#





#42

1,2-Dichloroethane

Concen: 1.104 ug/l

RT: 6.092 min Scan# 819

Delta R.T. 0.012 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 4299

Ion Ratio Lower Upper

62 100

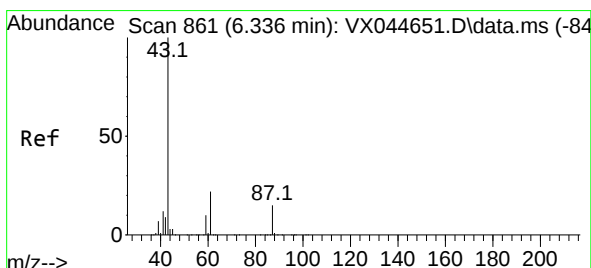
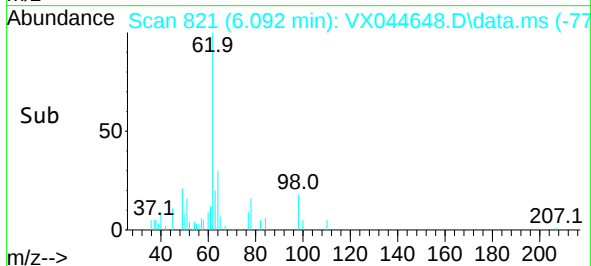
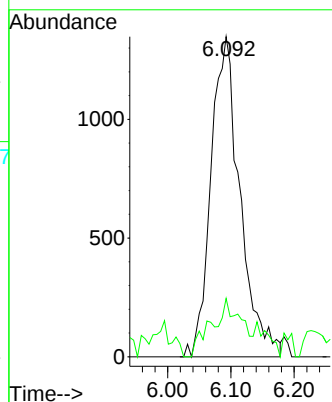
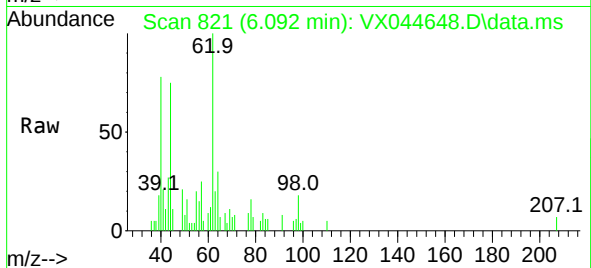
98 13.1 0.0 19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#43

Isopropyl Acetate

Concen: 1.132 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.018 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

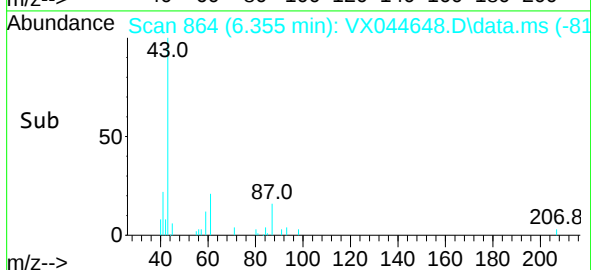
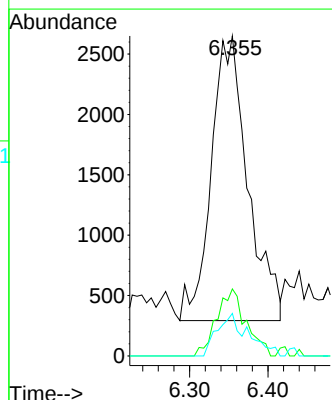
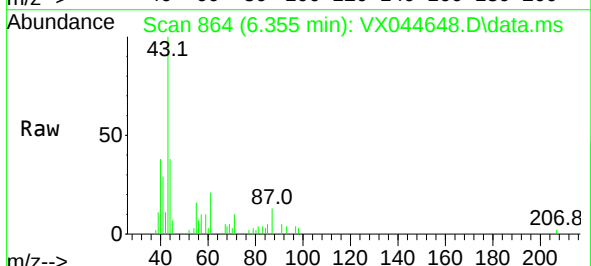
Tgt Ion: 43 Resp: 7640

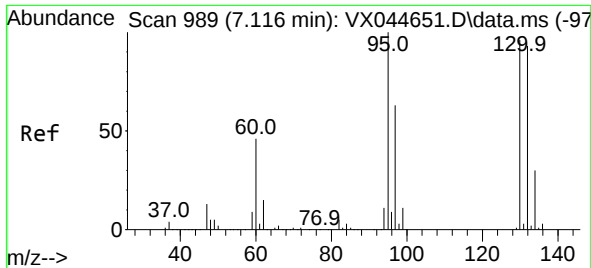
Ion Ratio Lower Upper

43 100

61 18.9 16.6 24.8

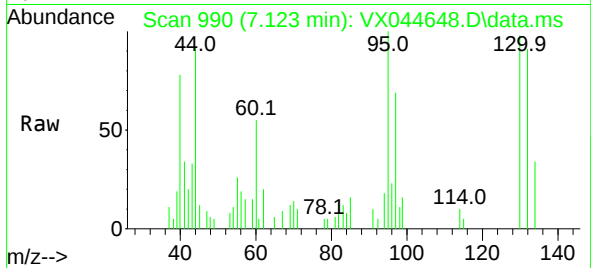
87 12.6 11.0 16.6





#44
Trichloroethene
Concen: 1.026 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

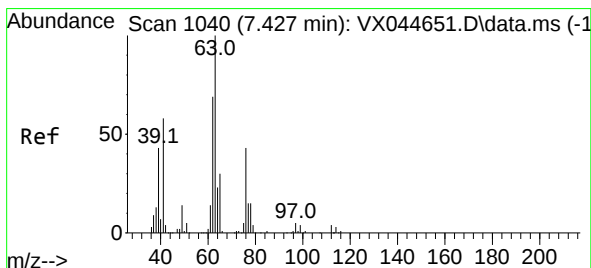
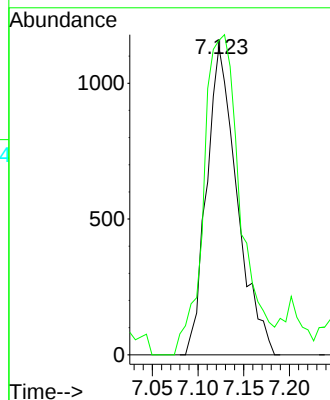
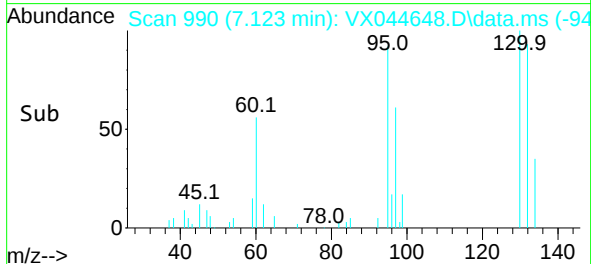
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



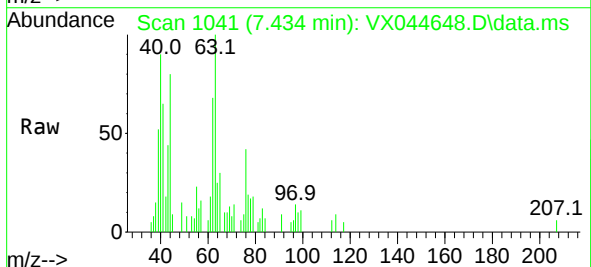
Tgt Ion:130 Resp: 263
Ion Ratio Lower Upper
130 100
95 95.2 0.0 208.2

Manual Integrations
APPROVED

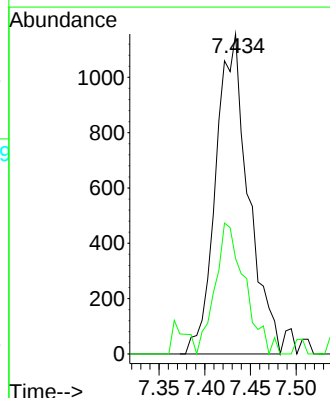
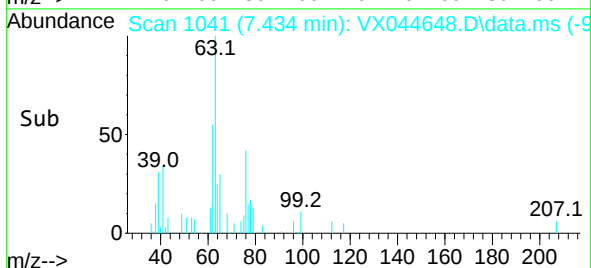
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

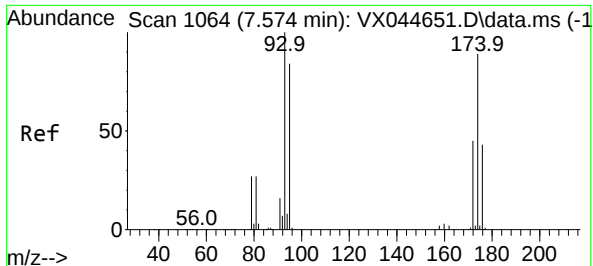


#45
1,2-Dichloropropane
Concen: 1.064 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31



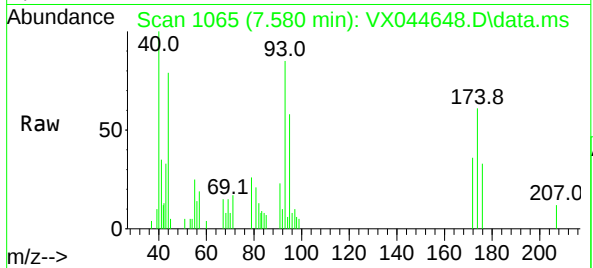
Tgt Ion: 63 Resp: 2857
Ion Ratio Lower Upper
63 100
65 29.8 24.2 36.2





#46
Dibromomethane
Concen: 1.143 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

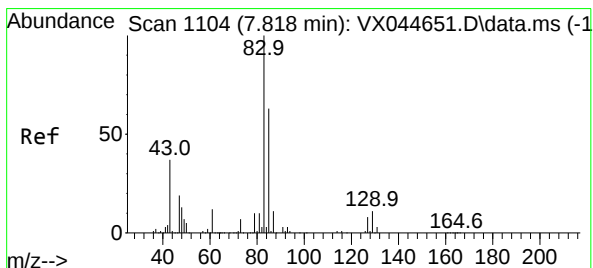
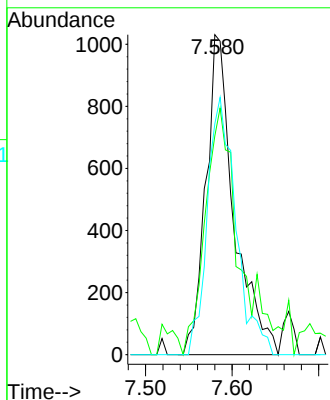
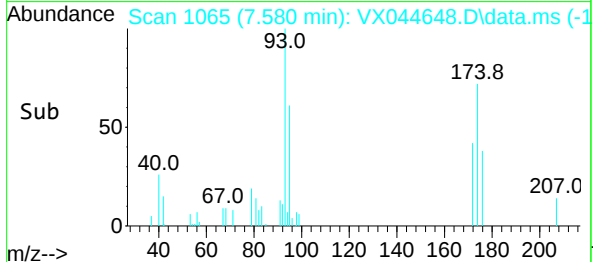
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 93 Resp: 233
Ion Ratio Lower Upper
93 100
95 81.0 66.4 99.6
174 81.3 72.0 108.0

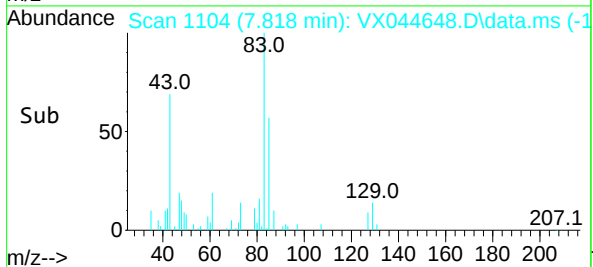
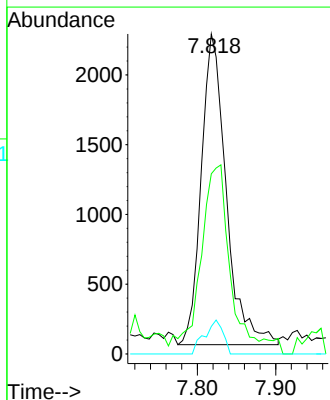
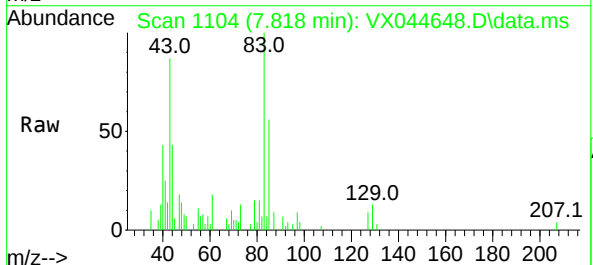
Manual Integrations
APPROVED

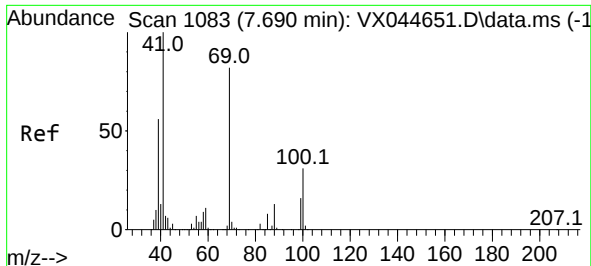
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#47
Bromodichloromethane
Concen: 1.177 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion: 83 Resp: 4937
Ion Ratio Lower Upper
83 100
85 53.1 50.1 75.1
127 8.8 6.5 9.7





#48

Methyl methacrylate

Concen: 0.967 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 3029

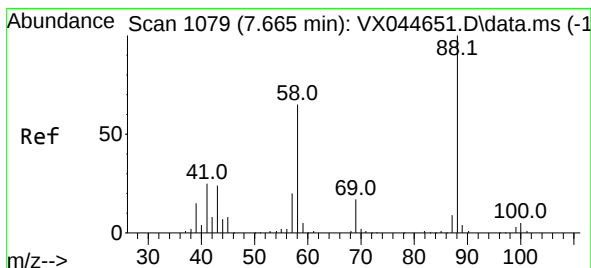
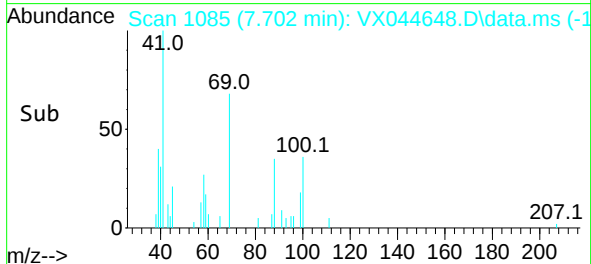
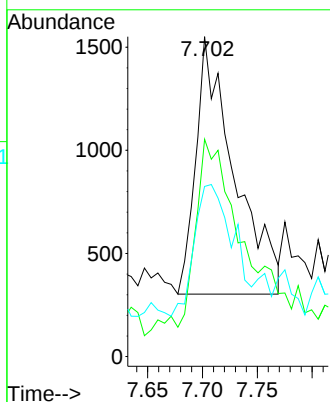
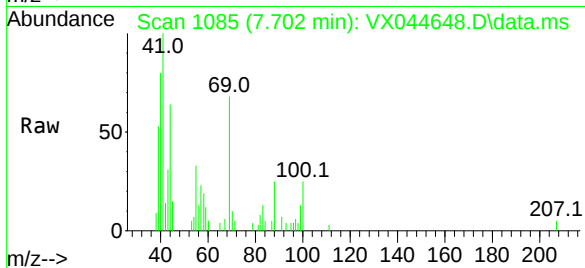
Ion	Ratio	Lower	Upper
41	100		
69	91.2	66.8	100.2
39	51.7	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#49

1,4-Dioxane

Concen: 22.727 ug/l

RT: 7.696 min Scan# 1084

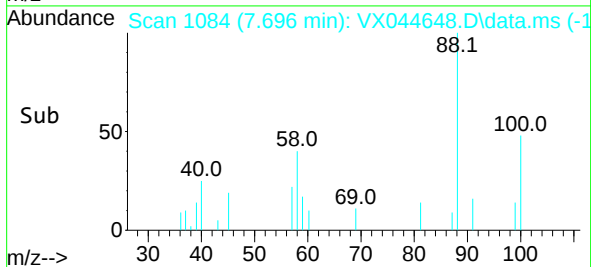
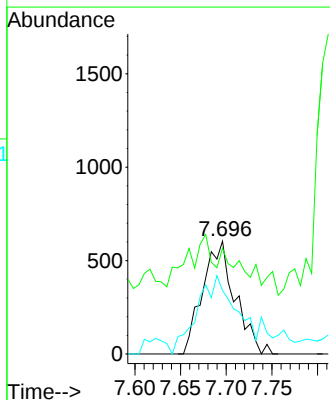
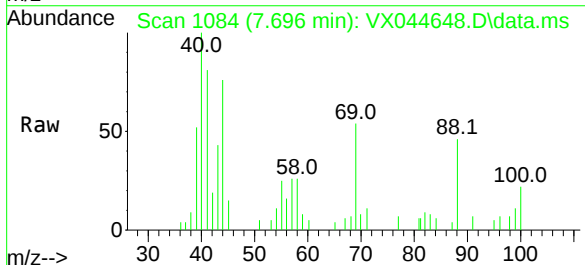
Delta R.T. 0.031 min

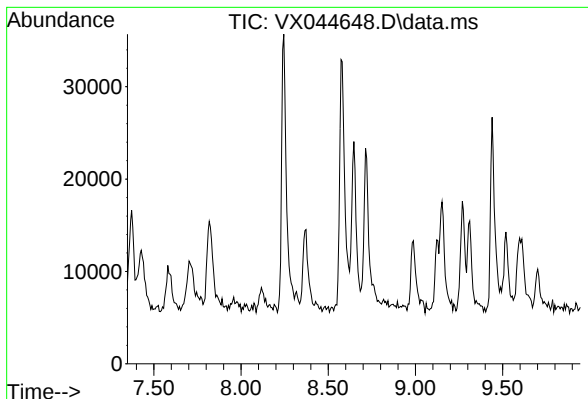
Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Tgt Ion: 88 Resp: 1485

Ion	Ratio	Lower	Upper
88	100		
43	33.9	27.0	40.4
58	85.0	55.8	83.8





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

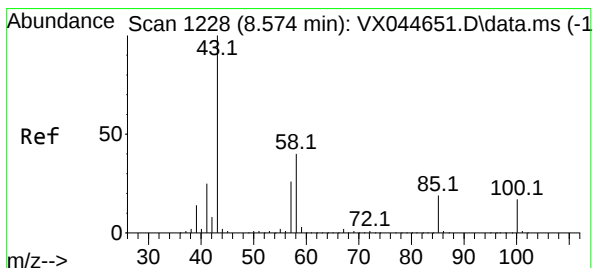
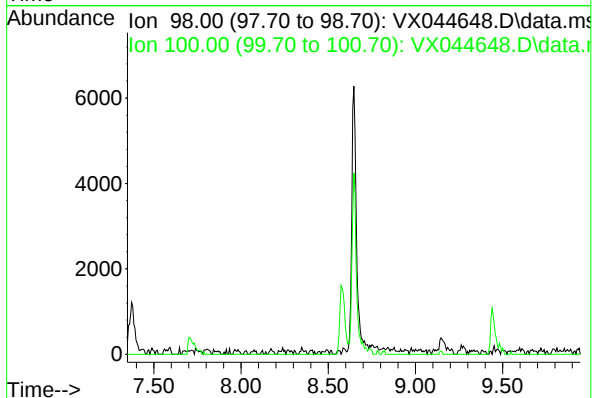
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.5

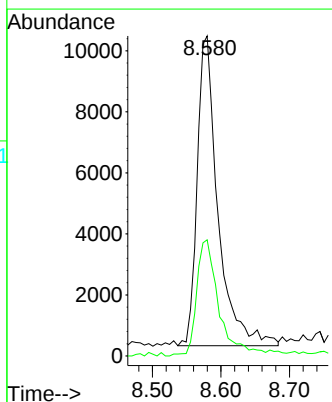
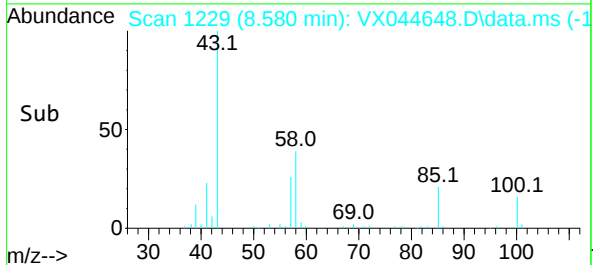
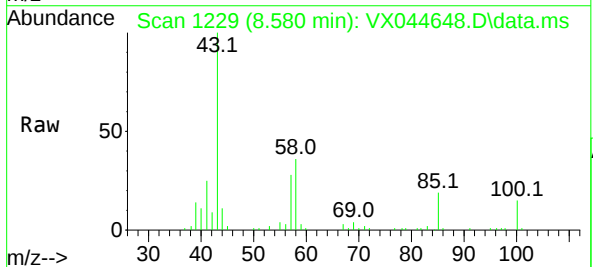
Manual Integrations
APPROVED

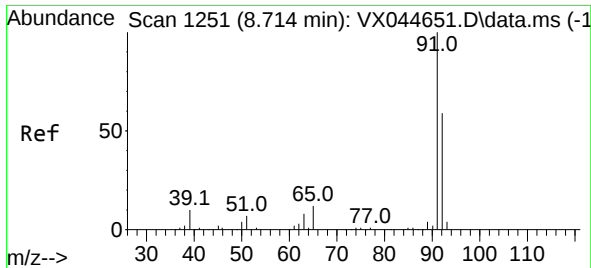
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#51
4-Methyl-2-Pentanone
Concen: 5.736 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

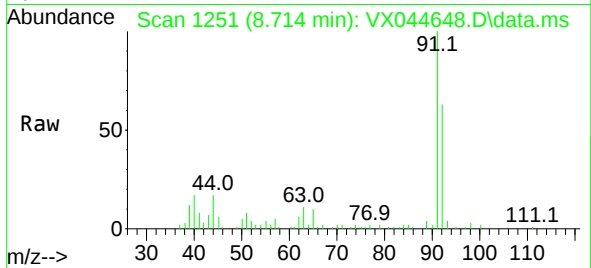
Tgt Ion: 43 Resp: 21388
Ion Ratio Lower Upper
43 100
58 40.0 31.9 47.9





#52
Toluene
Concen: 1.122 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

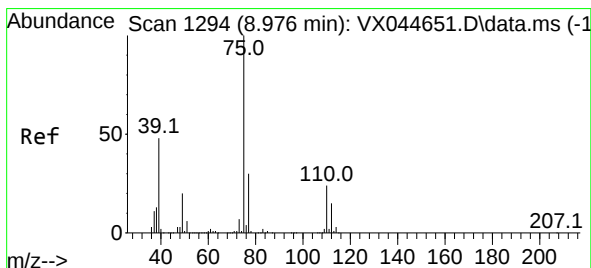
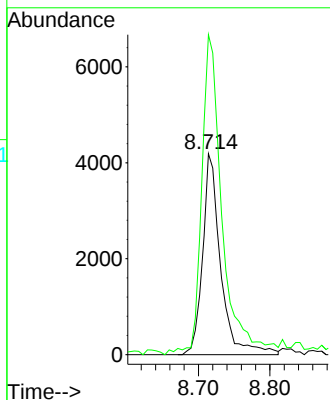
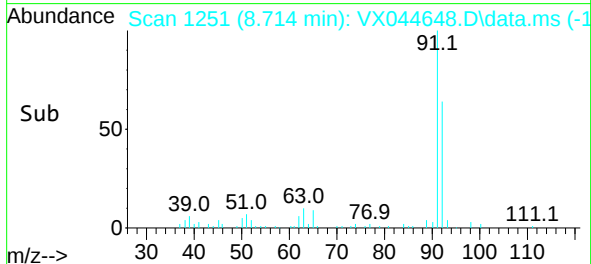
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



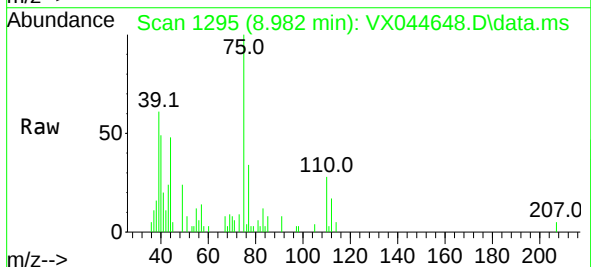
Tgt Ion: 92 Resp: 733
Ion Ratio Lower Upper
92 100
91 178.6 135.7 203.5

Manual Integrations
APPROVED

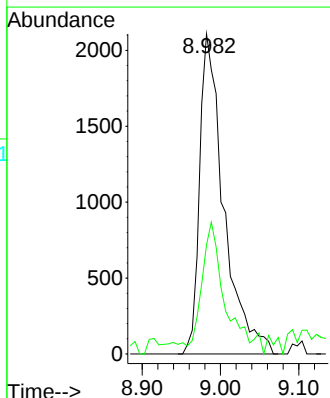
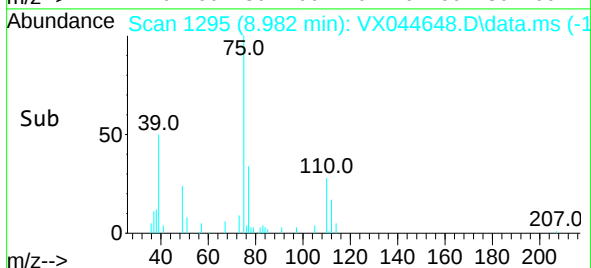
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

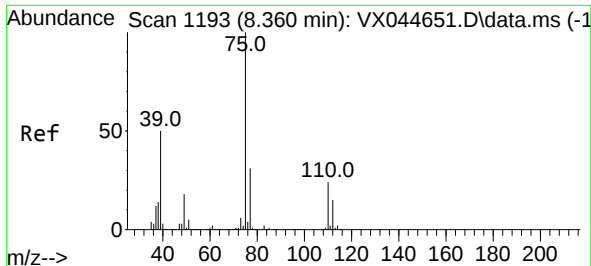


#53
t-1,3-Dichloropropene
Concen: 1.038 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31



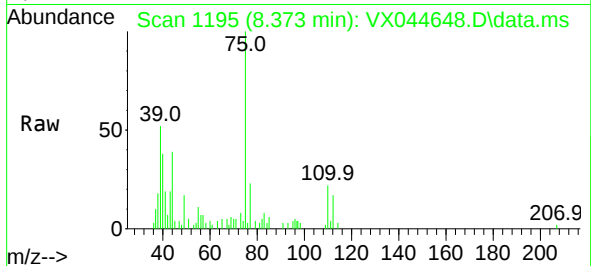
Tgt Ion: 75 Resp: 4499
Ion Ratio Lower Upper
75 100
77 31.1 24.4 36.6





#54
cis-1,3-Dichloropropene
Concen: 1.134 ug/l
RT: 8.373 min Scan# 1193
Delta R.T. 0.012 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

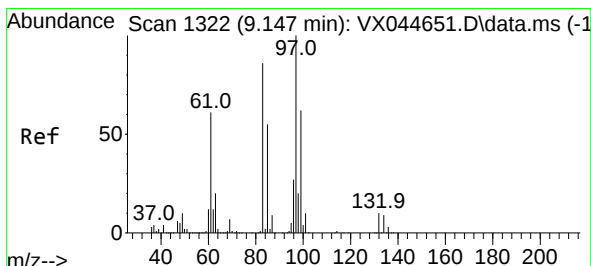
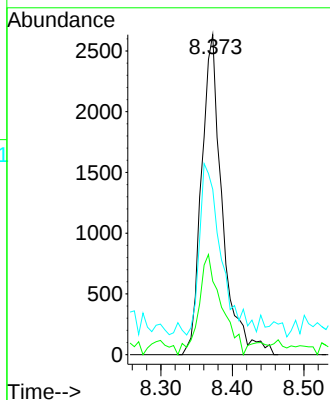
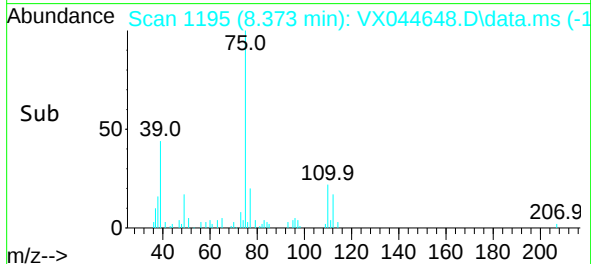
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 75 Resp: 5328
Ion Ratio Lower Upper
75 100
77 23.0 25.1 37.7
39 42.1 40.3 60.5

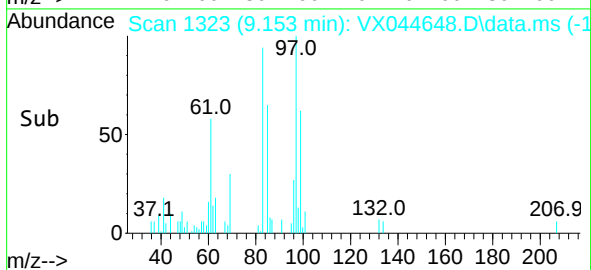
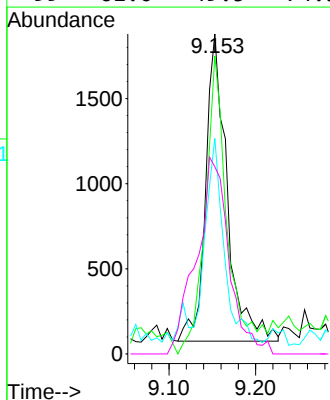
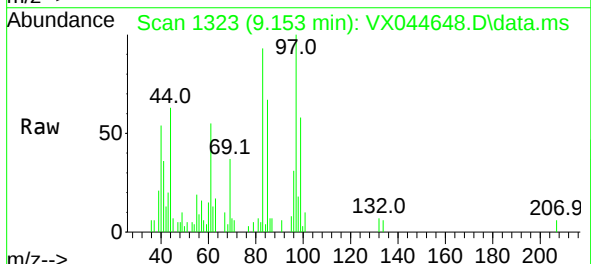
Manual Integrations
APPROVED

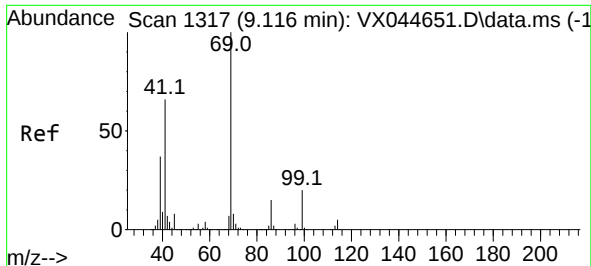
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#55
1,1,2-Trichloroethane
Concen: 1.182 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

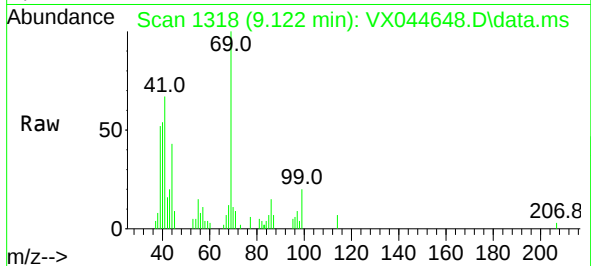
Tgt Ion: 97 Resp: 3124
Ion Ratio Lower Upper
97 100
83 97.1 68.8 103.2
85 63.4 43.7 65.5
99 61.0 49.5 74.3





#56
Ethyl methacrylate
Concen: 1.099 ug/l
RT: 9.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

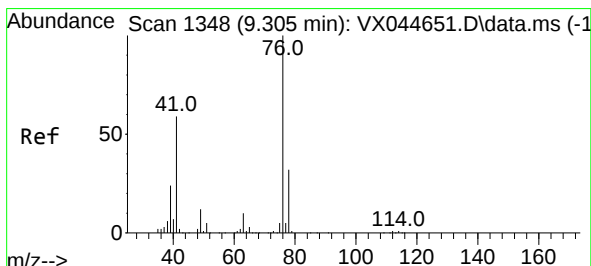
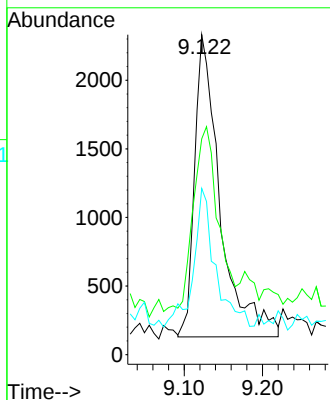
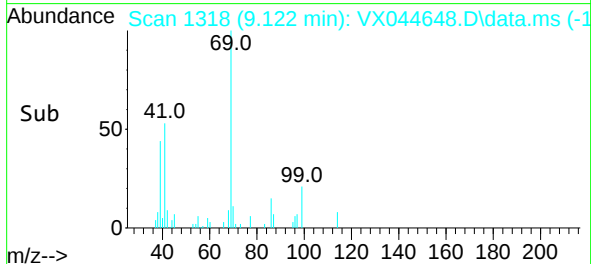
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 4994
Ion Ratio Lower Upper
69 100
41 56.4 53.2 79.8
39 41.7 30.2 45.2

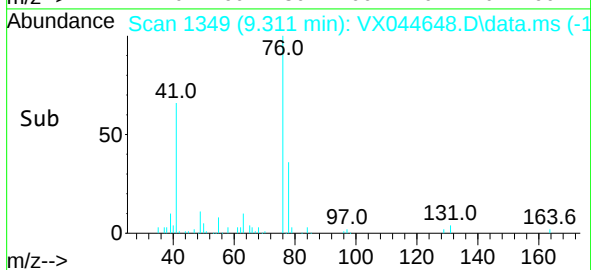
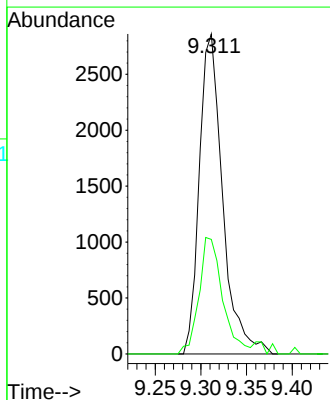
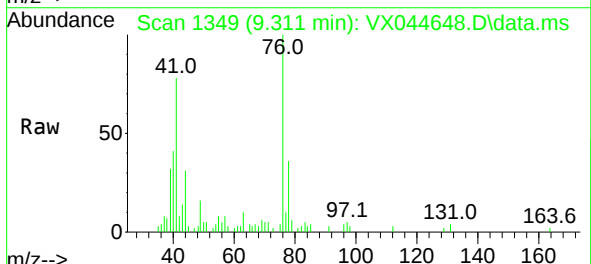
Manual Integrations
APPROVED

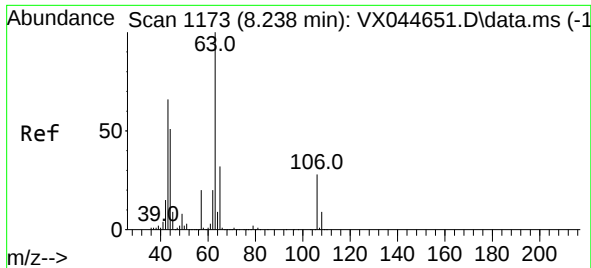
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#57
1,3-Dichloropropane
Concen: 1.128 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

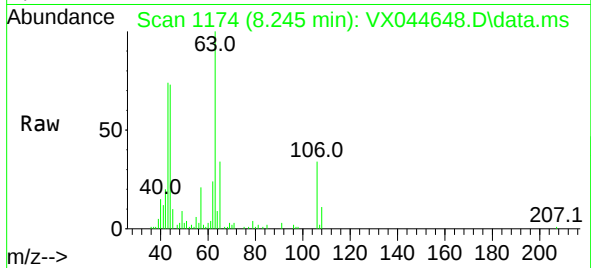
Tgt Ion: 76 Resp: 5078
Ion Ratio Lower Upper
76 100
78 36.9 26.0 39.0





#58
2-Chloroethyl Vinyl ether
Concen: 6.581 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

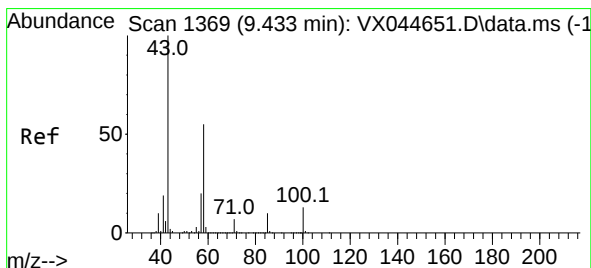
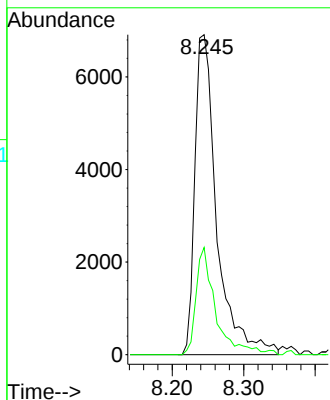
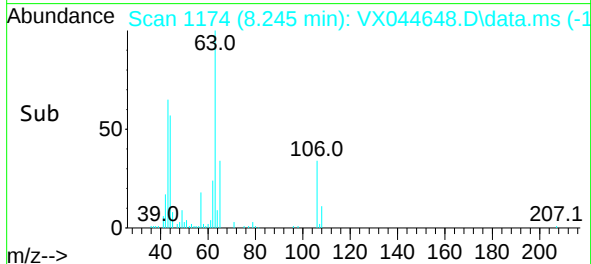
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



Tgt Ion: 63 Resp: 1468
Ion Ratio Lower Upper
63 100
106 29.8 23.0 34.6

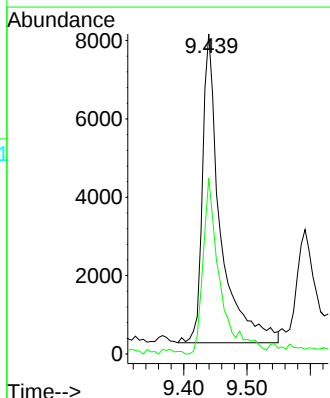
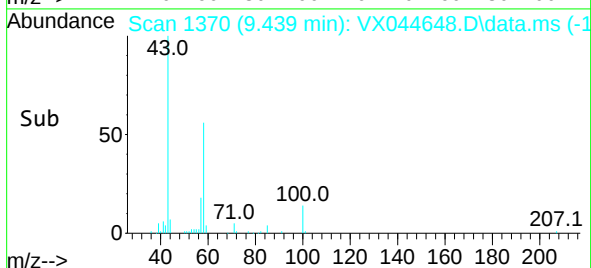
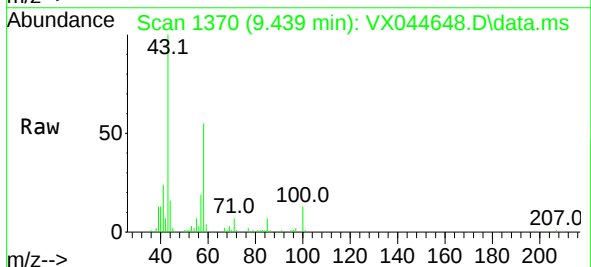
Manual Integrations
APPROVED

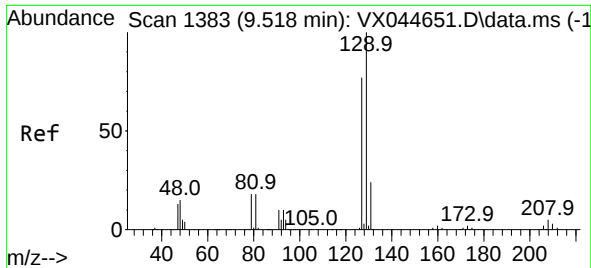
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#59
2-Hexanone
Concen: 5.643 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

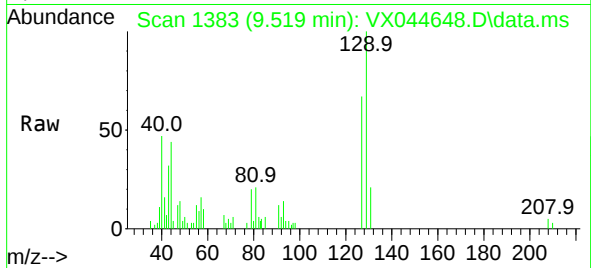
Tgt Ion: 43 Resp: 15480
Ion Ratio Lower Upper
43 100
58 54.4 27.8 83.3





#60
 Dibromochloromethane
 Concen: 1.127 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VX044648.D
 Acq: 15 Jan 2025 10:31

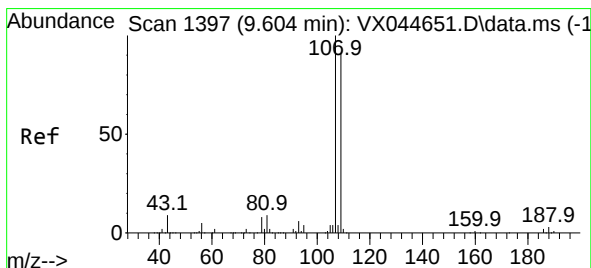
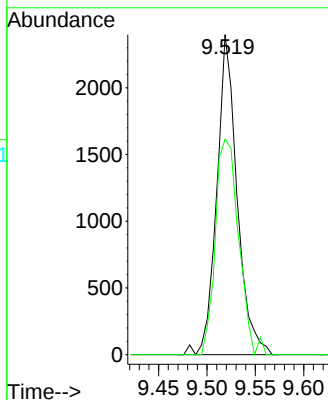
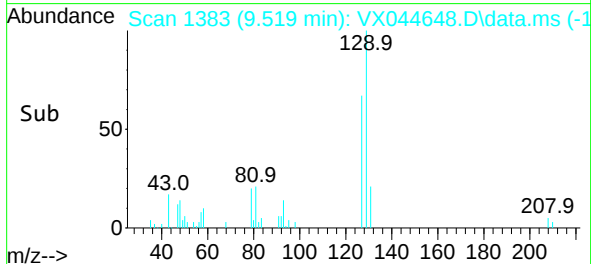
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



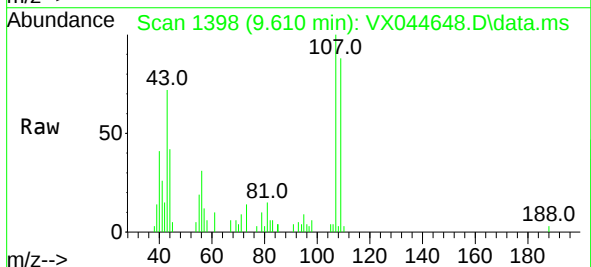
Tgt Ion:129 Resp: 349
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.5 115.5

Manual Integrations
 APPROVED

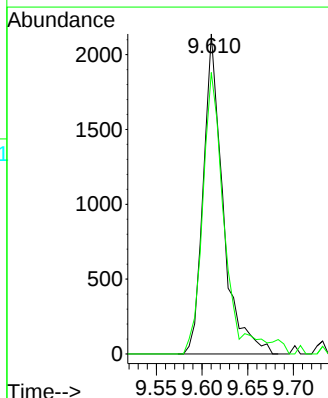
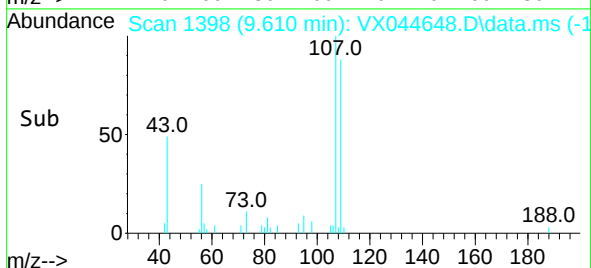
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

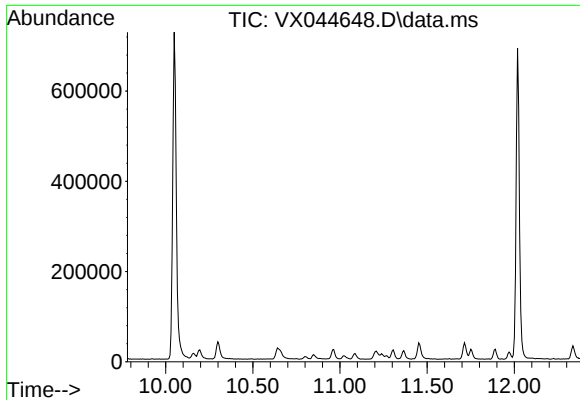


#61
 1,2-Dibromoethane
 Concen: 1.155 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.006 min
 Lab File: VX044648.D
 Acq: 15 Jan 2025 10:31



Tgt Ion:107 Resp: 3200
 Ion Ratio Lower Upper
 107 100
 109 98.2 75.3 112.9





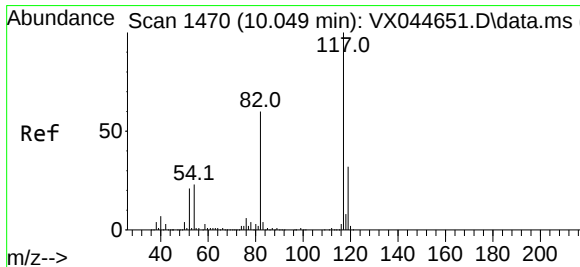
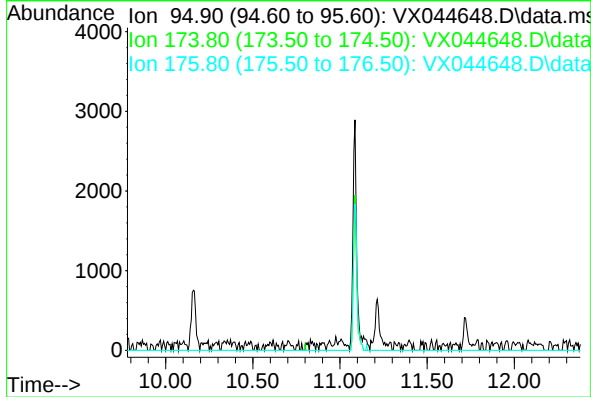
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX044648.D
 Acq: 15 Jan 2025 10:31

Instrument : MSVOA_X
 ClientSampleId : VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 66.5
 176 64.7

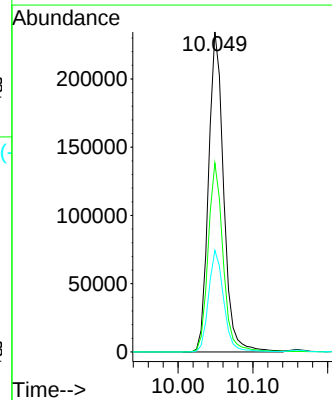
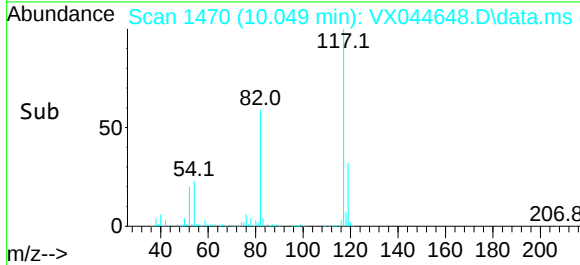
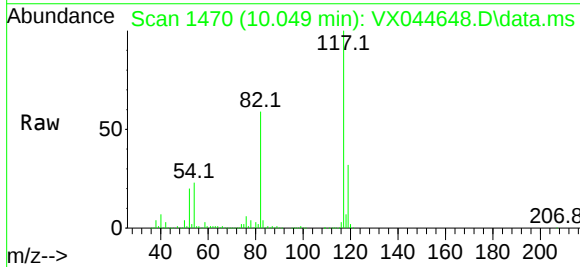
Manual Integrations APPROVED

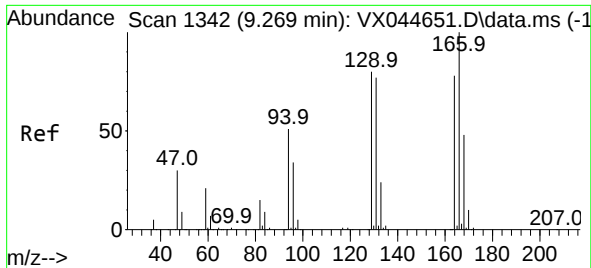
Reviewed By : John Carlone 01/15/2025
 Supervised By : Semsettin Yesilyurt 01/16/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: VX044648.D
 Acq: 15 Jan 2025 10:31

Tgt Ion: 117 Resp: 329917
 Ion Ratio Lower Upper
 117 100
 82 59.0 47.6 71.4
 119 31.7 25.4 38.2





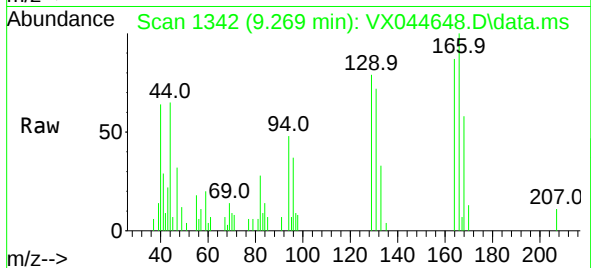
#64
Tetrachloroethene
Concen: 1.101 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001



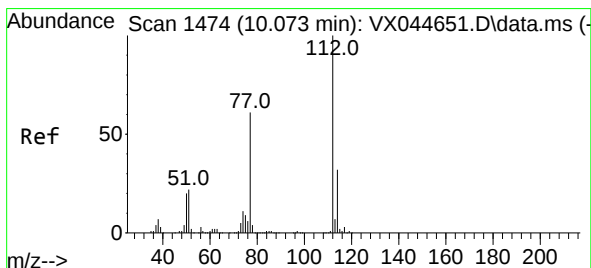
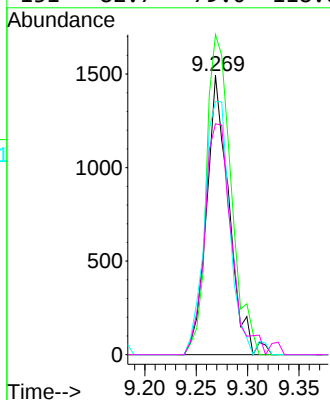
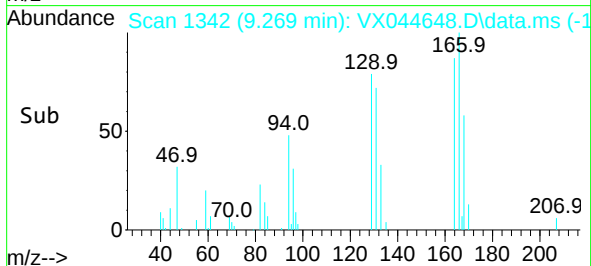
Tgt Ion:164 Resp: 2280
Ion Ratio Lower Upper
164 100
166 114.6 102.0 153.0
129 90.7 81.1 121.7
131 82.7 79.0 118.6

Manual Integrations

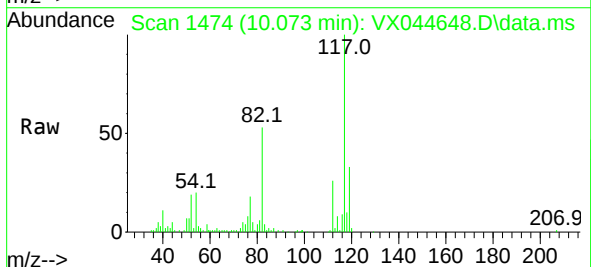
APPROVED

Reviewed By :John Carlone 01/15/2025

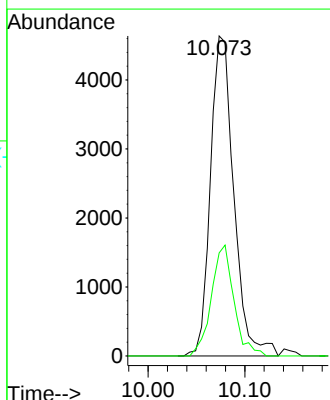
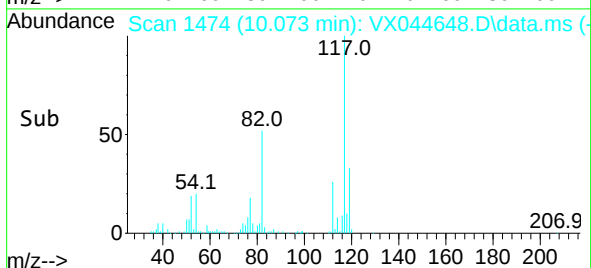
Supervised By :Semsettin Yesilyurt 01/16/2025

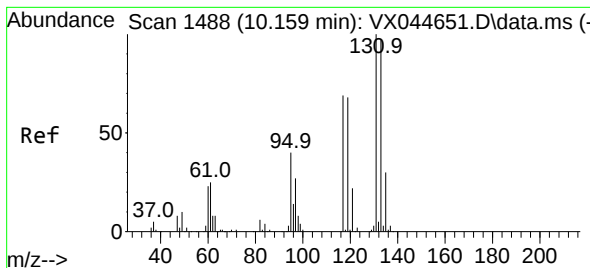


#65
Chlorobenzene
Concen: 1.109 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31



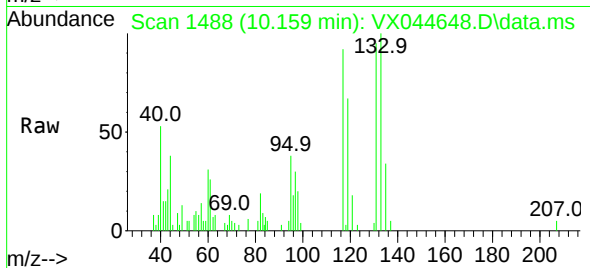
Tgt Ion:112 Resp: 7770
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9





#66
1,1,1,2-Tetrachloroethane
Concen: 1.087 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

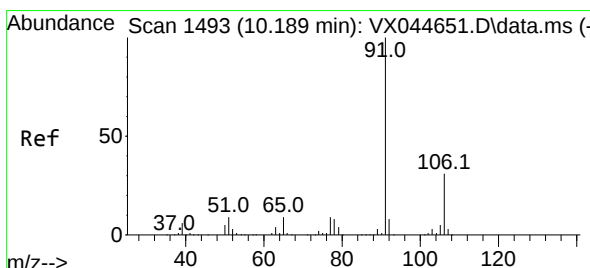
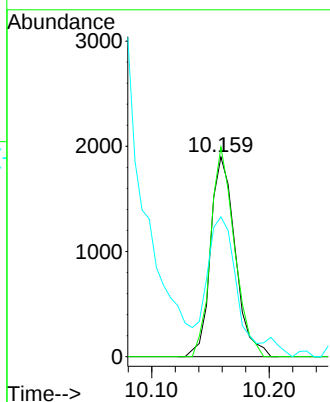
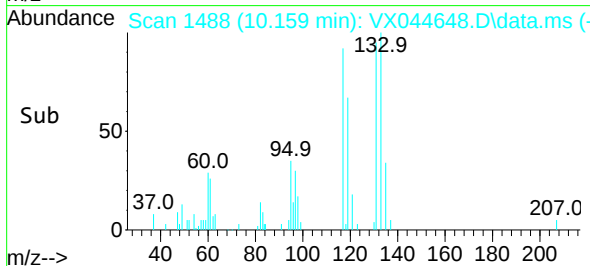
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



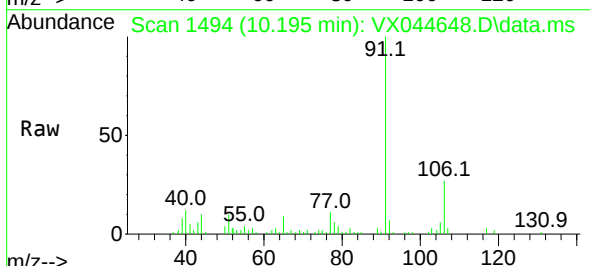
Tgt Ion:131 Resp: 2769
Ion Ratio Lower Upper
131 100
133 100.8 47.8 143.3
119 0.0 33.4 100.2

Manual Integrations
APPROVED

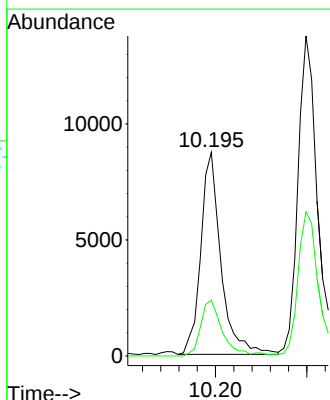
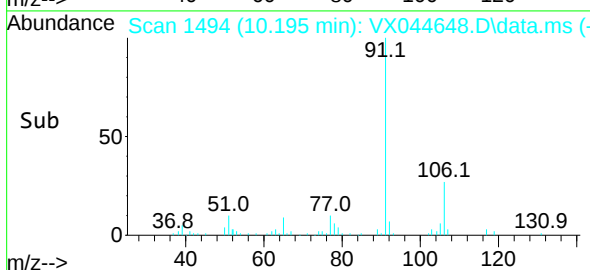
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

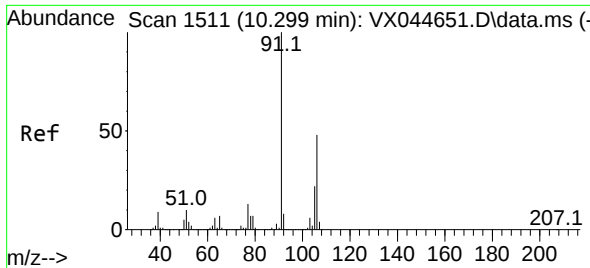


#67
Ethyl Benzene
Concen: 1.093 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31



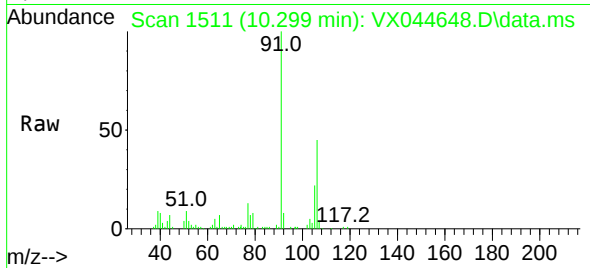
Tgt Ion: 91 Resp: 13366
Ion Ratio Lower Upper
91 100
106 27.6 25.0 37.6





#68
m/p-Xylenes
Concen: 2.244 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

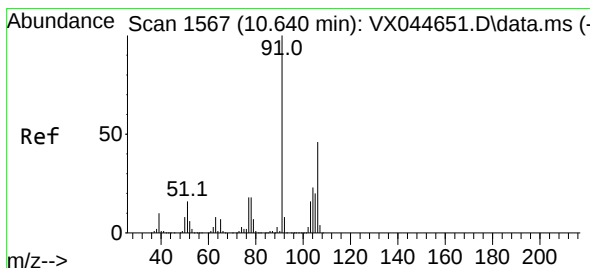
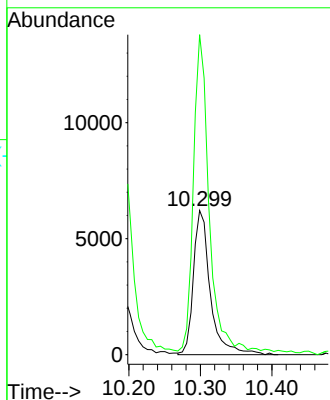
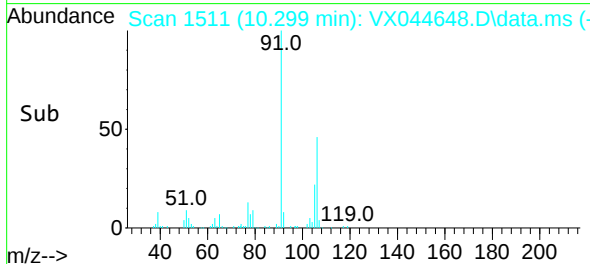
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:106 Resp: 10180
Ion Ratio Lower Upper
106 100
91 207.4 166.4 249.6

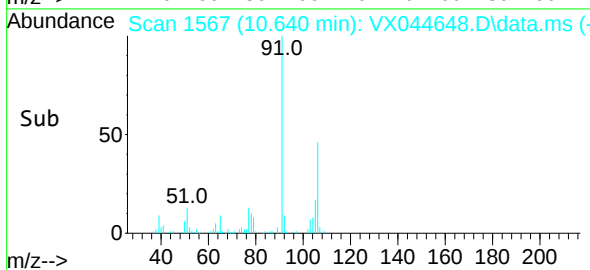
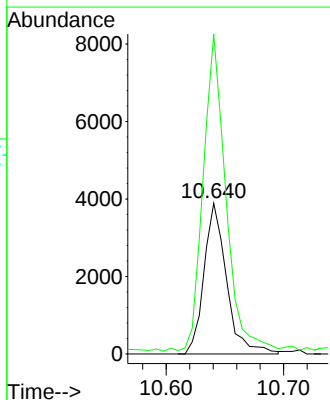
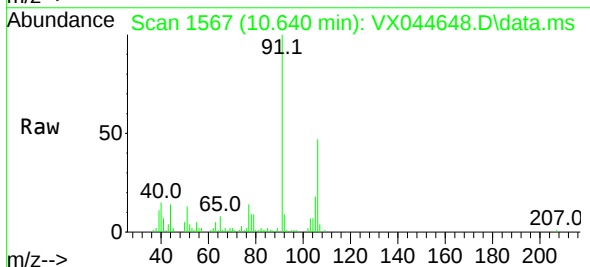
Manual Integrations
APPROVED

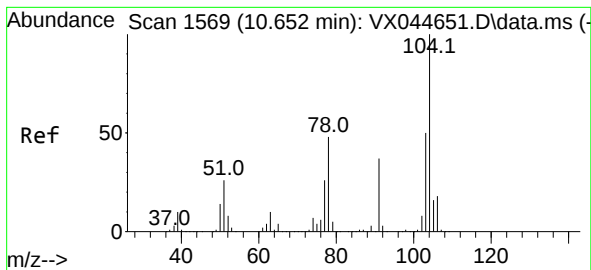
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#69
o-Xylene
Concen: 1.132 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion:106 Resp: 5193
Ion Ratio Lower Upper
106 100
91 213.5 108.7 326.3





#70

Styrene

Concen: 1.044 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

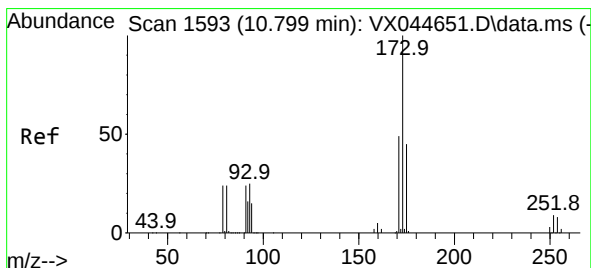
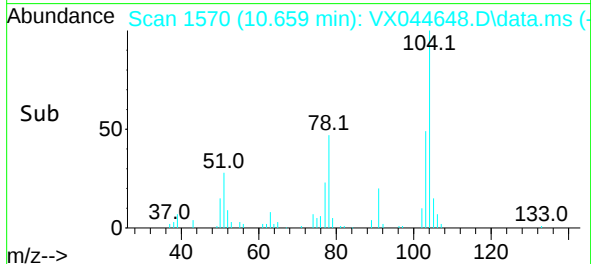
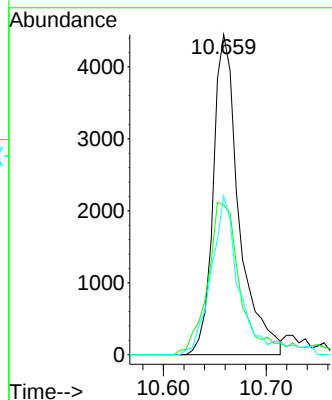
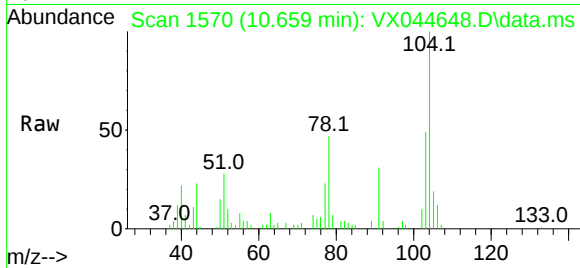
Tgt Ion:	104	Resp:	773
Ion Ratio	Lower	Upper	
104	100		
78	61.6	43.0	64.6
103	56.1	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#71

Bromoform

Concen: 1.058 ug/l

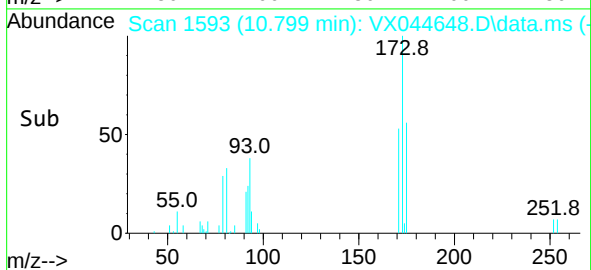
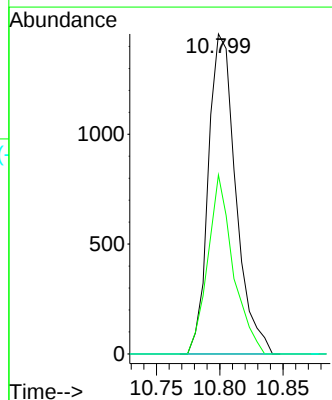
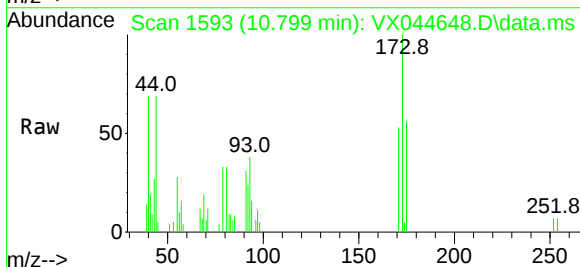
RT: 10.799 min Scan# 1593

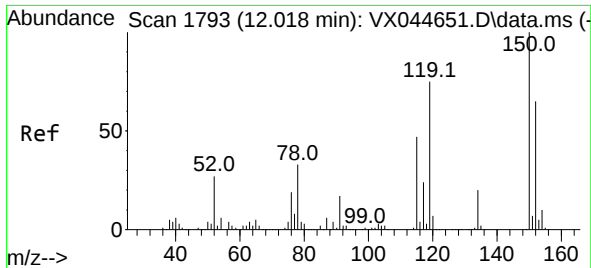
Delta R.T. 0.000 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

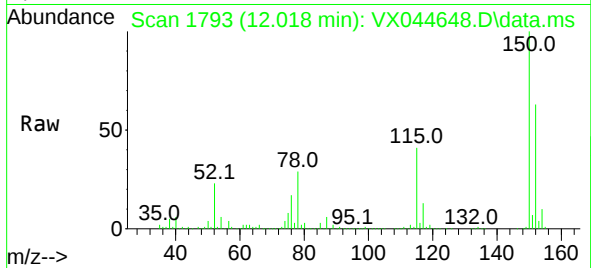
Tgt Ion:	173	Resp:	2194
Ion Ratio	Lower	Upper	
173	100		
175	51.7	23.6	70.8
254	0.0	0.1	0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

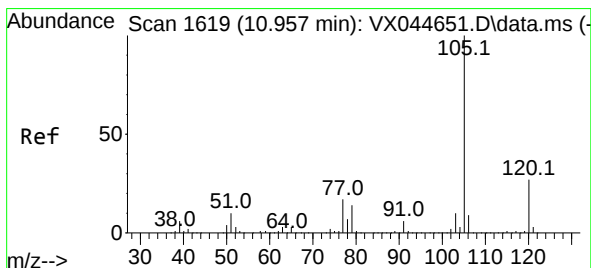
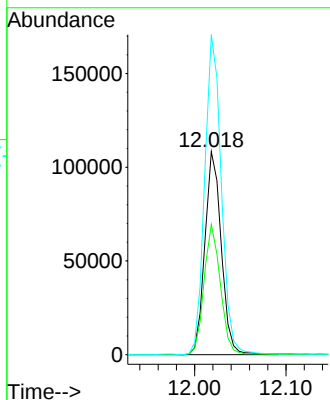
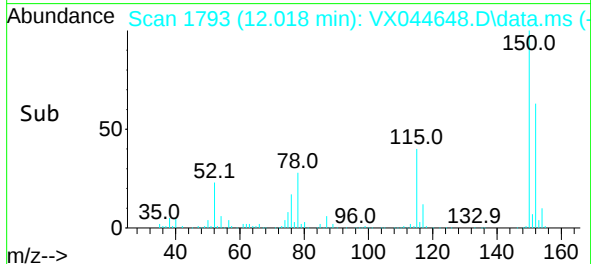
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



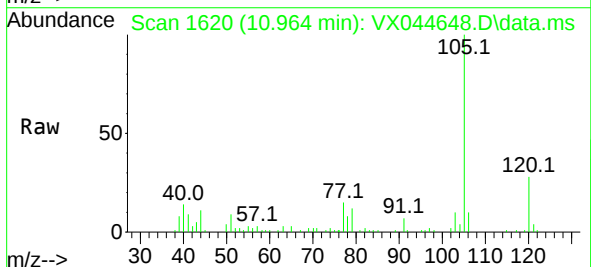
Tgt Ion:152 Resp: 135288
Ion Ratio Lower Upper
152 100
115 64.1 43.8 131.4
150 159.9 0.0 347.8

Manual Integrations
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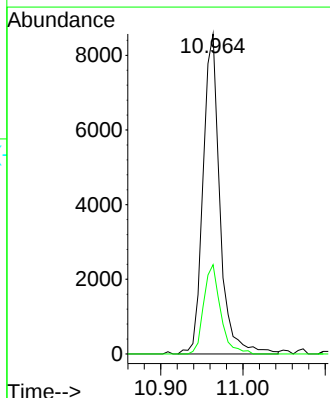
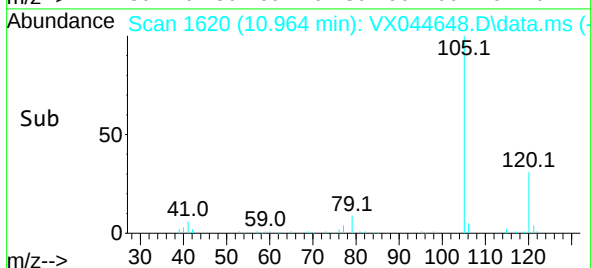
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

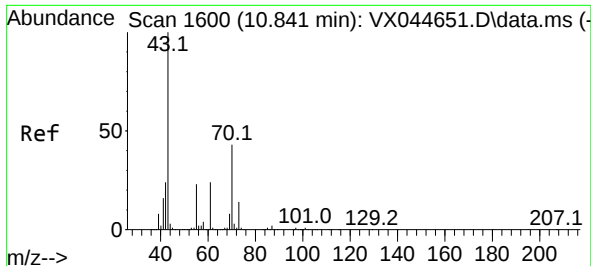


#73
Isopropylbenzene
Concen: 1.105 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31



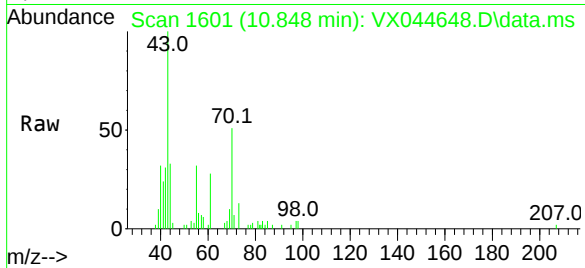
Tgt Ion:105 Resp: 12214
Ion Ratio Lower Upper
105 100
120 27.8 13.2 39.6





#74
N-amy1 acetate
Concen: 1.107 ug/l
RT: 10.848 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

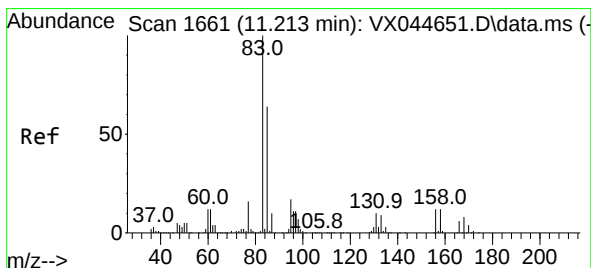
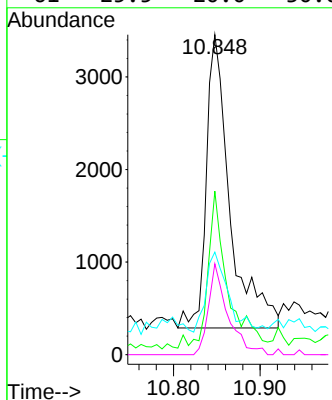
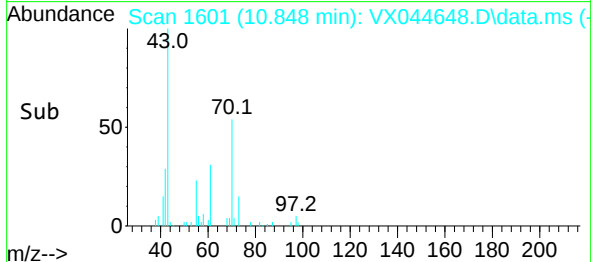
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 6028
Ion Ratio Lower Upper
43 100
70 41.6 35.2 52.8
55 25.6 19.0 28.4
61 25.5 20.0 30.0

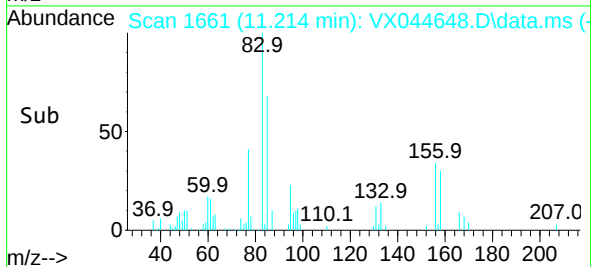
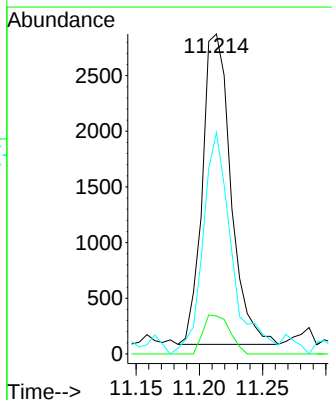
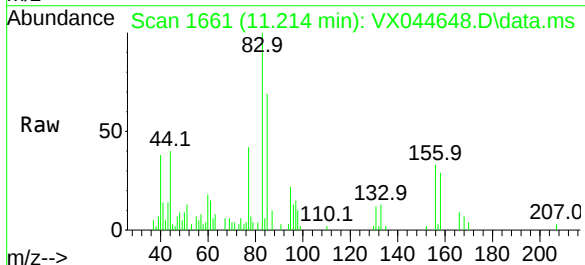
Manual Integrations
APPROVED

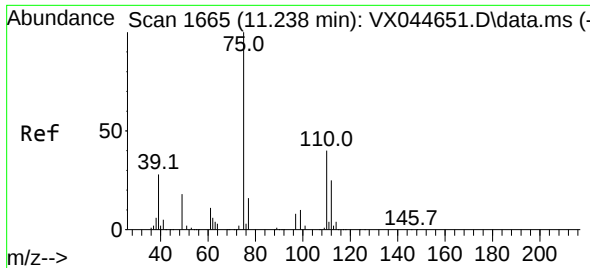
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.147 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion: 83 Resp: 4377
Ion Ratio Lower Upper
83 100
131 11.7 5.0 14.9
85 72.0 32.0 96.2





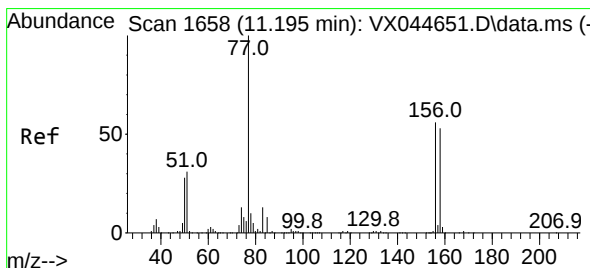
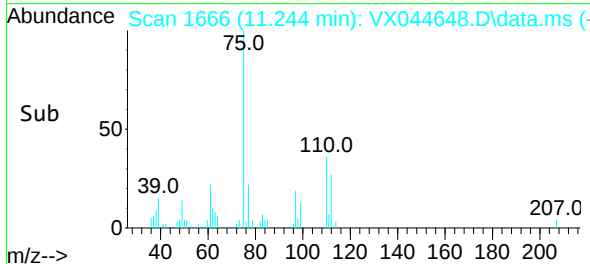
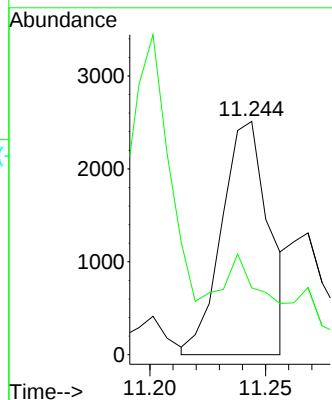
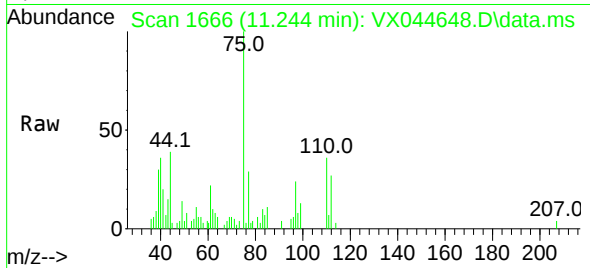
#76
1,2,3-Trichloropropane
Concen: 1.119 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 3574
Ion Ratio Lower Upper
75 100
77 56.8 23.4 70.2

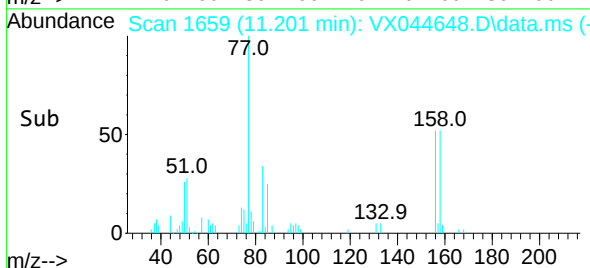
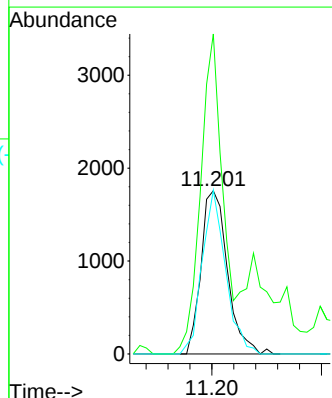
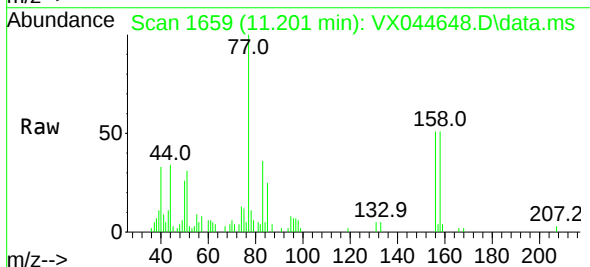
Manual Integrations
APPROVED

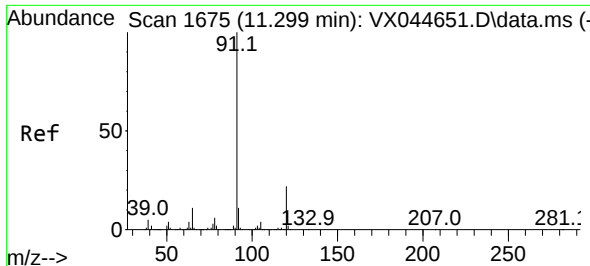
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#77
Bromobenzene
Concen: 1.137 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion:156 Resp: 2937
Ion Ratio Lower Upper
156 100
77 170.8 90.3 271.0
158 89.3 48.4 145.3





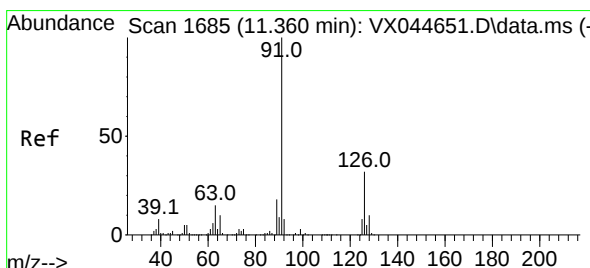
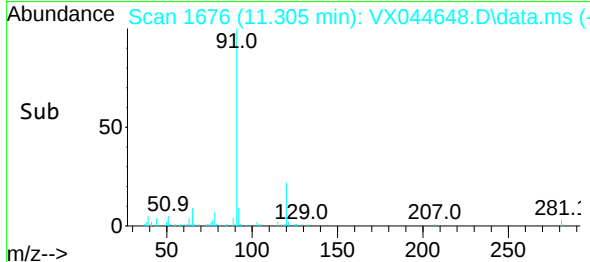
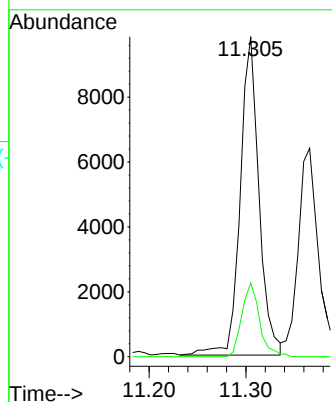
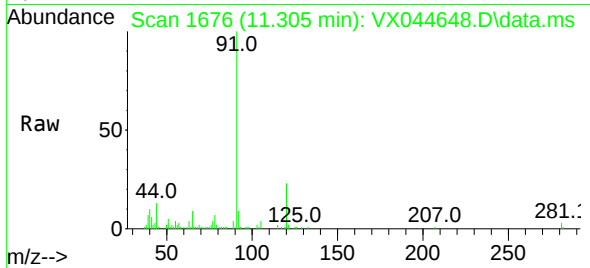
#78
n-propylbenzene
Concen: 1.088 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 13264
Ion Ratio Lower Upper
91 100
120 21.9 11.4 34.1

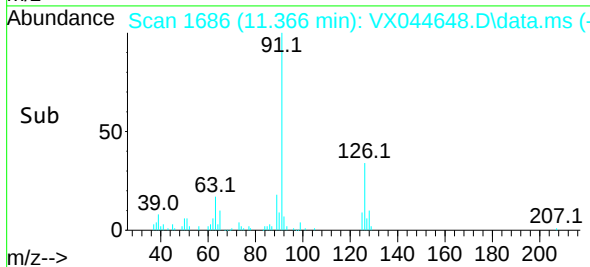
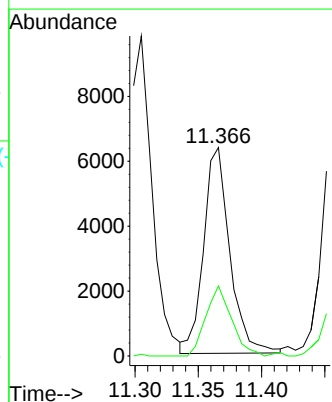
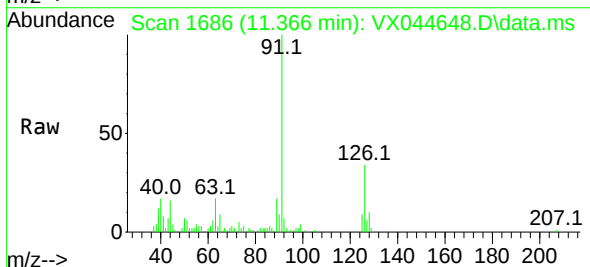
Manual Integrations
APPROVED

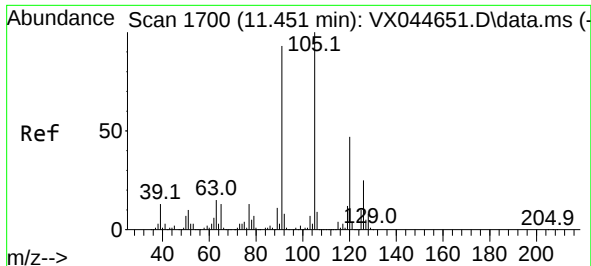
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#79
2-Chlorotoluene
Concen: 1.163 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

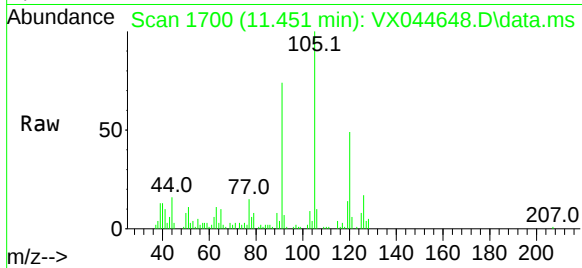
Tgt Ion: 91 Resp: 9159
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.5





#80
1,3,5-Trimethylbenzene
Concen: 1.115 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

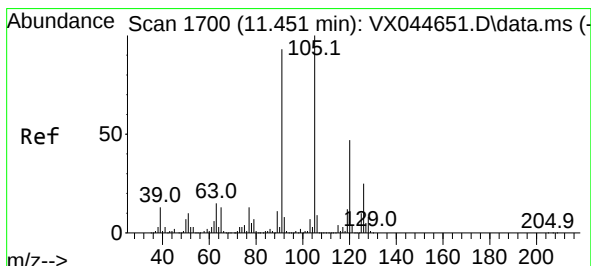
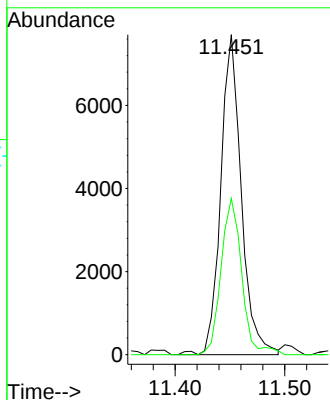
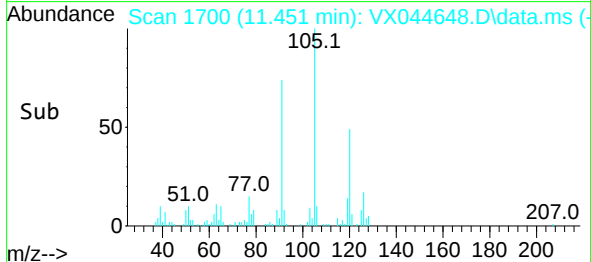
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:105 Resp: 1003
Ion Ratio Lower Upper
105 100
120 49.2 23.7 71.1

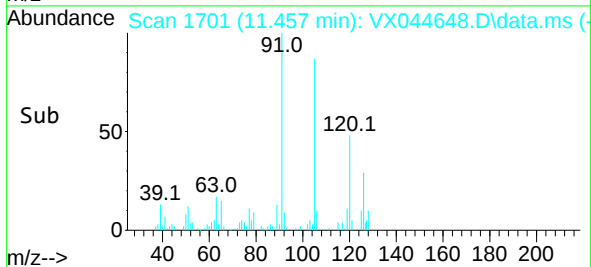
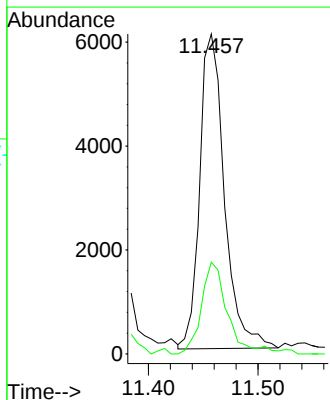
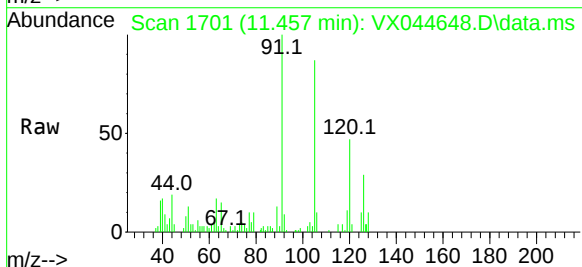
Manual Integrations
APPROVED

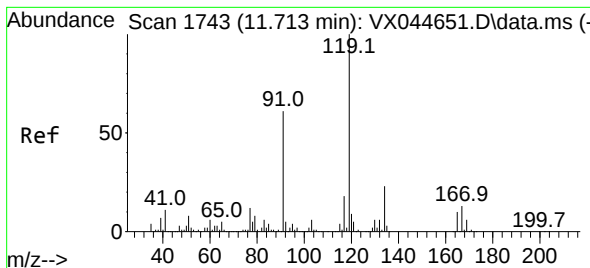
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#82
4-Chlorotoluene
Concen: 1.101 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion: 91 Resp: 9494
Ion Ratio Lower Upper
91 100
126 31.3 13.9 41.7





#83

tert-Butylbenzene

Concen: 1.155 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:119 Resp: 10869

Ion Ratio Lower Upper

119 100

91 63.4 30.0 90.0

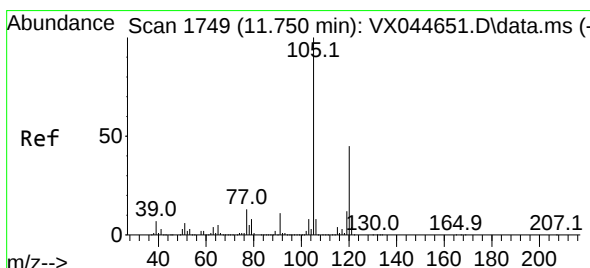
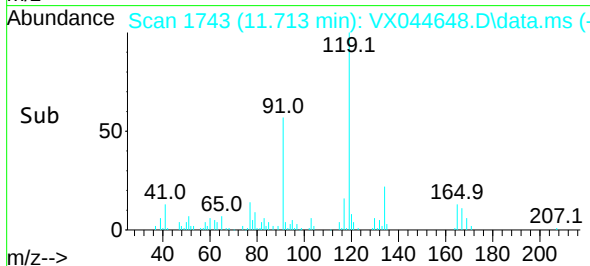
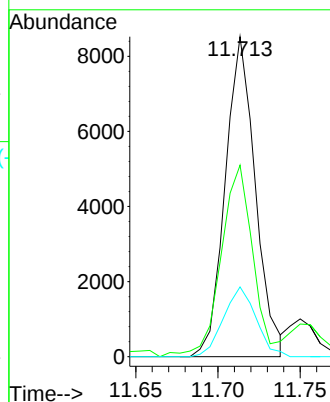
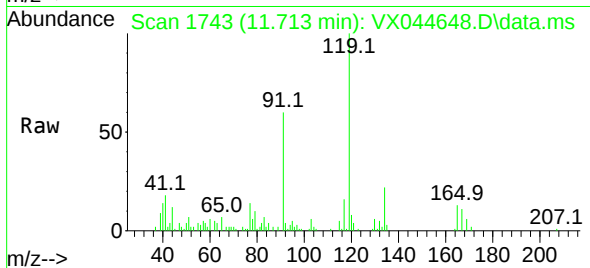
134 23.5 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :John Carbone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#84

1,2,4-Trimethylbenzene

Concen: 1.174 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044648.D

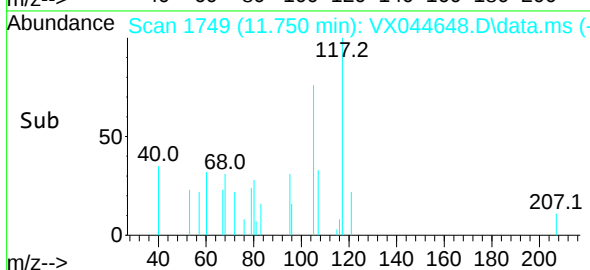
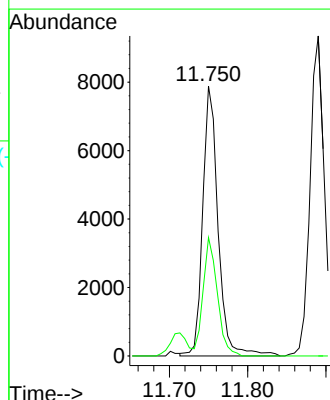
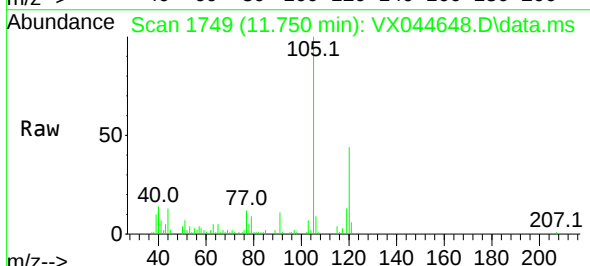
Acq: 15 Jan 2025 10:31

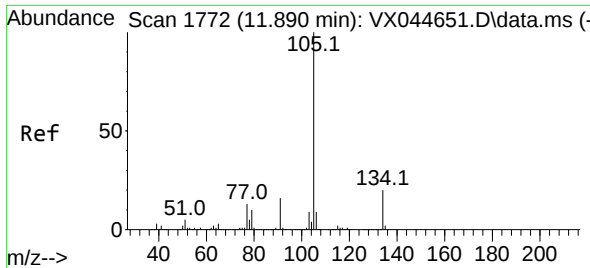
Tgt Ion:105 Resp: 10735

Ion Ratio Lower Upper

105 100

120 40.5 22.2 66.6





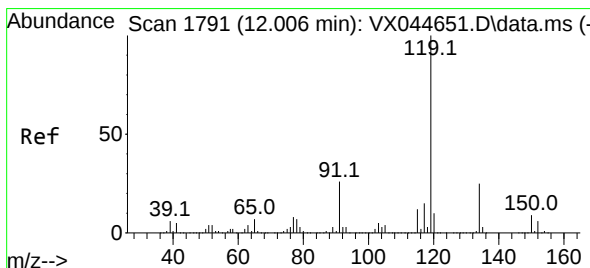
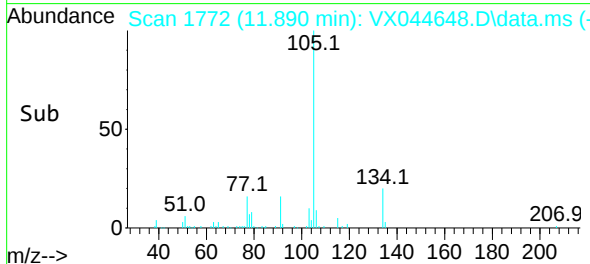
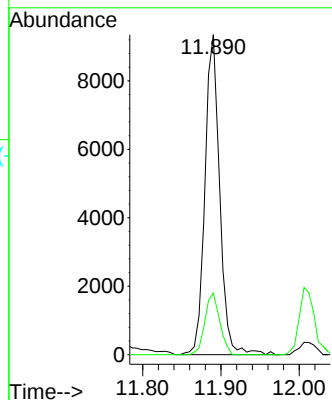
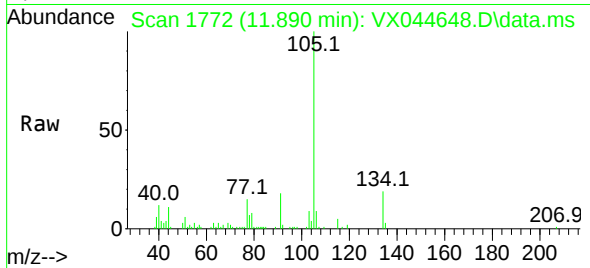
#85
 sec-Butylbenzene
 Concen: 1.115 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044648.D
 Acq: 15 Jan 2025 10:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Tgt Ion:105 Resp: 1221
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5

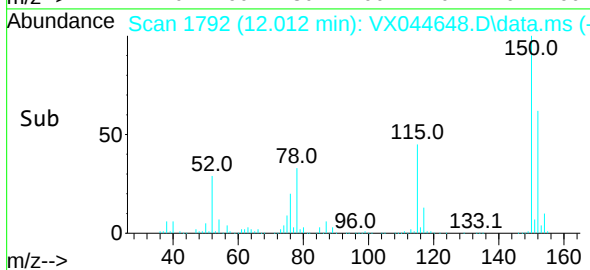
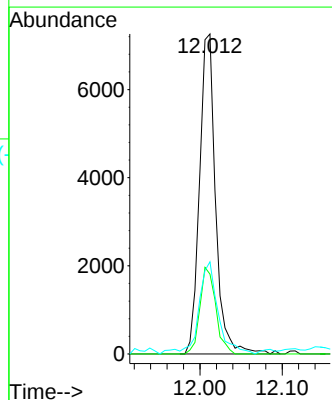
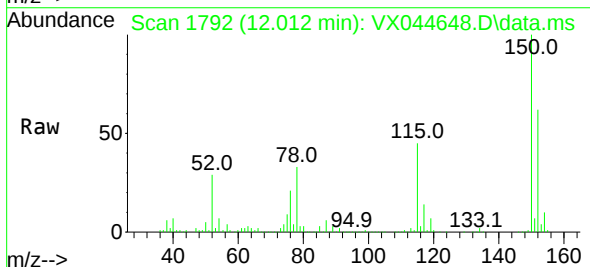
Manual Integrations
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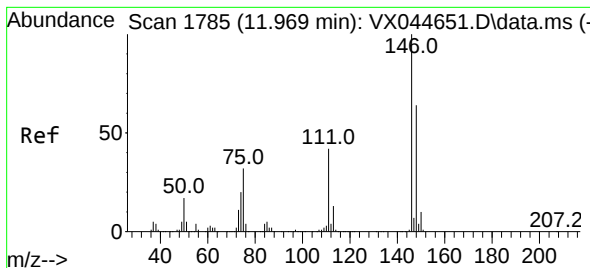
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#86
 p-Isopropyltoluene
 Concen: 1.101 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX044648.D
 Acq: 15 Jan 2025 10:31

Tgt Ion:119 Resp: 9910
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.4
 91 34.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 1.046 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

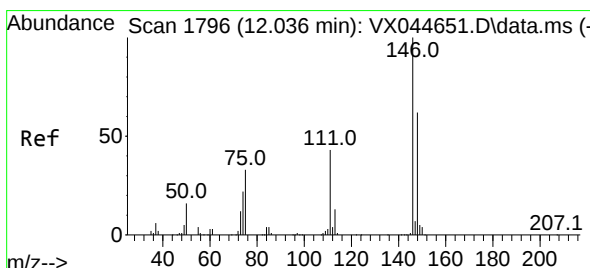
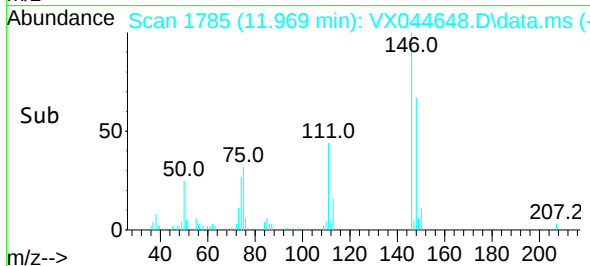
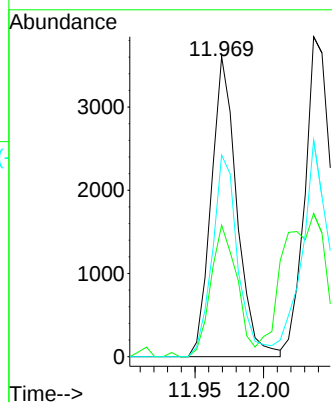
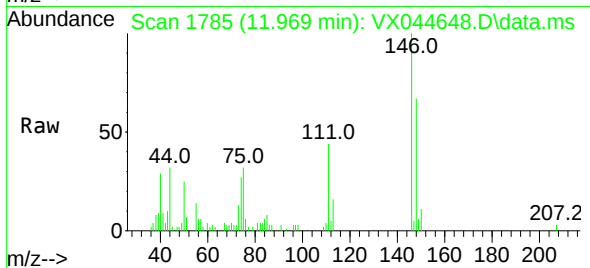
Tgt Ion:	146	Resp:	468
Ion Ratio	Lower	Upper	
146	100		
111	44.8	21.9	65.7
148	67.2	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#88

1,4-Dichlorobenzene

Concen: 1.163 ug/l m

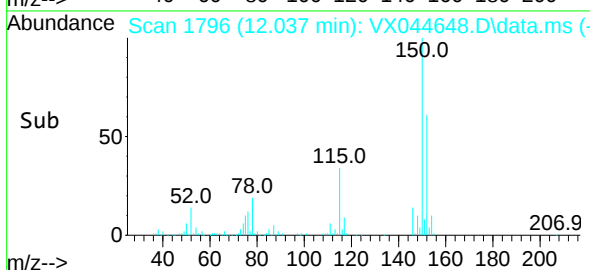
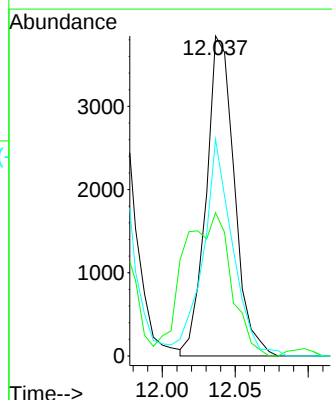
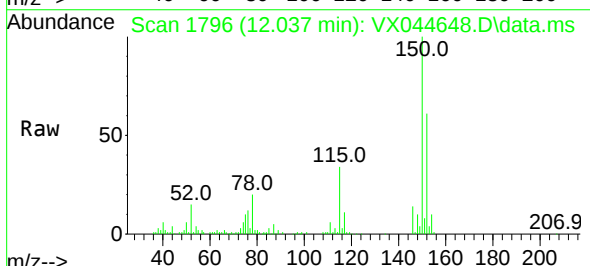
RT: 12.037 min Scan# 1796

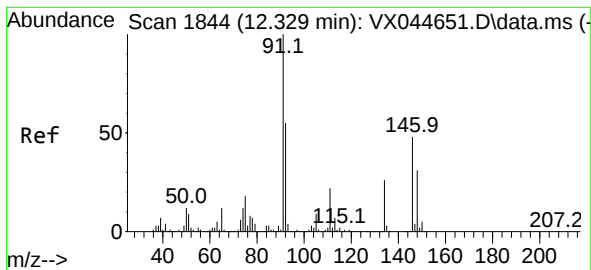
Delta R.T. 0.000 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

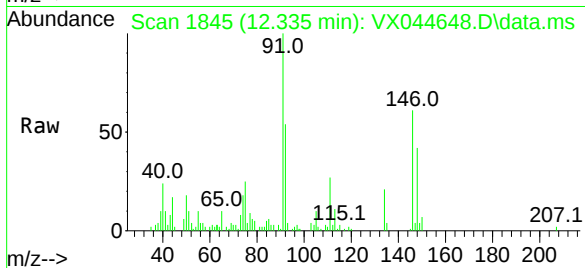
Tgt Ion:	146	Resp:	5172
Ion Ratio	Lower	Upper	
146	100		
111	40.6	21.5	64.5
148	60.9	32.1	96.5





#89
n-Butylbenzene
Concen: 1.047 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

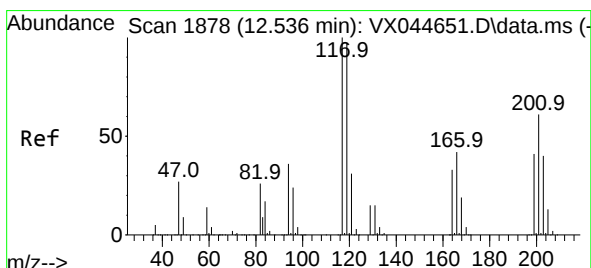
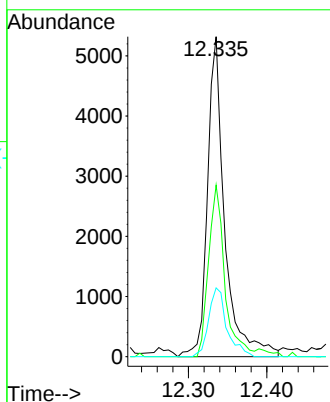
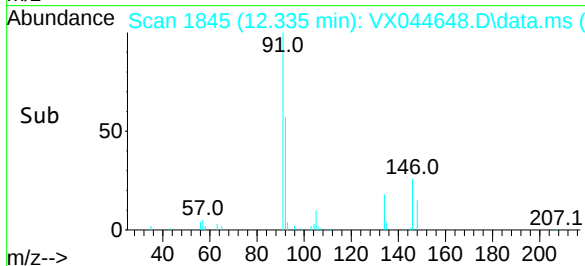
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 809
Ion Ratio Lower Upper
91 100
92 50.5 27.4 82.0
134 22.8 12.8 38.3

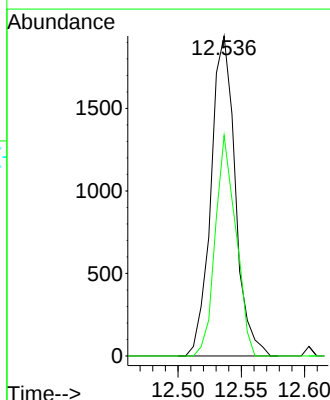
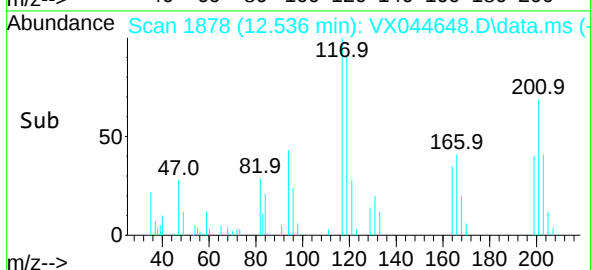
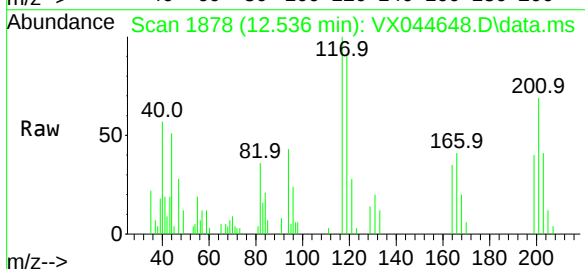
Manual Integrations
APPROVED

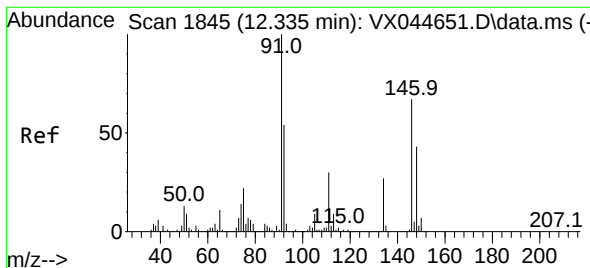
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#90
Hexachloroethane
Concen: 1.270 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

Tgt Ion:117 Resp: 2589
Ion Ratio Lower Upper
117 100
201 58.4 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 1.128 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

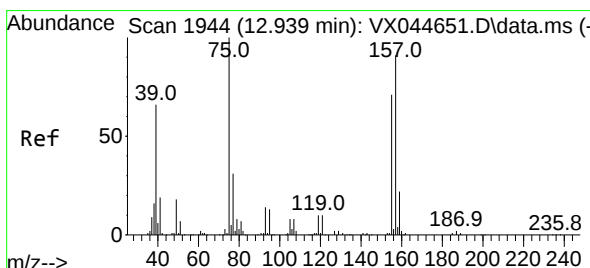
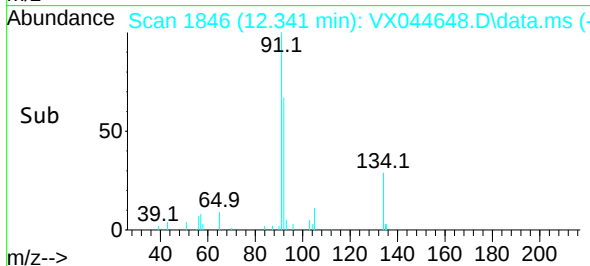
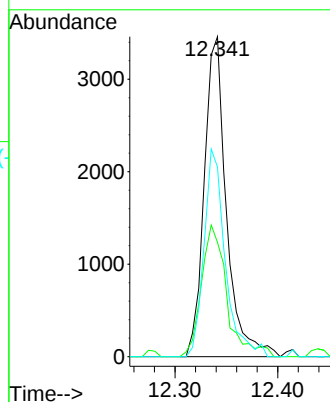
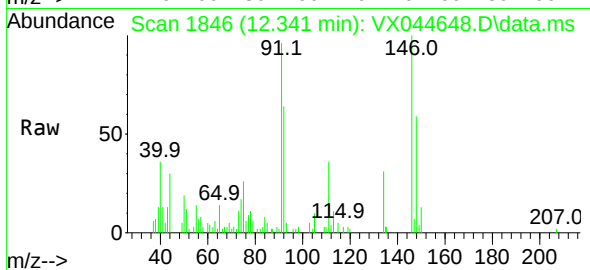
Tgt Ion:	146	Resp:	519
Ion Ratio	Lower	Upper	
146	100		
111	47.0	22.4	67.2
148	62.3	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.178 ug/l

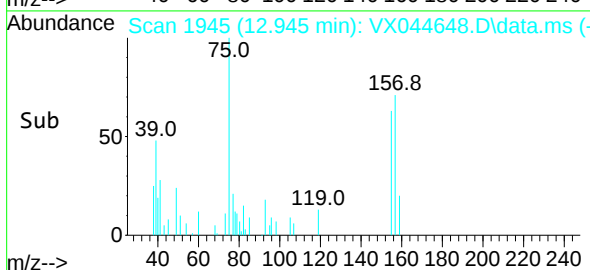
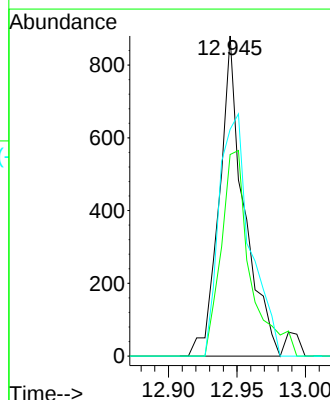
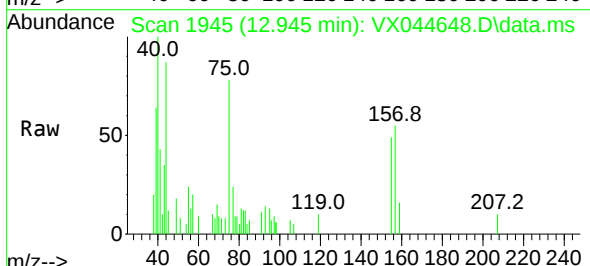
RT: 12.945 min Scan# 1945

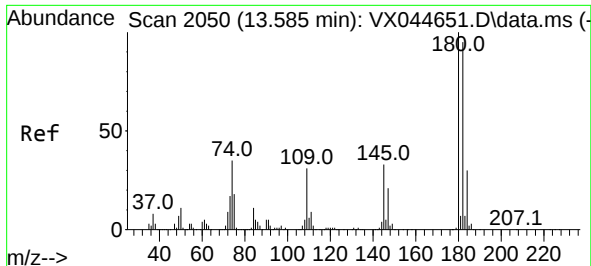
Delta R.T. 0.006 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

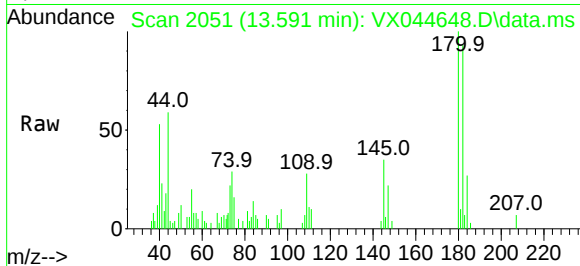
Tgt Ion:	75	Resp:	1100
Ion Ratio	Lower	Upper	
75	100		
155	75.9	39.0	116.9
157	95.6	49.9	149.7





#93
1,2,4-Trichlorobenzene
Concen: 0.941 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31

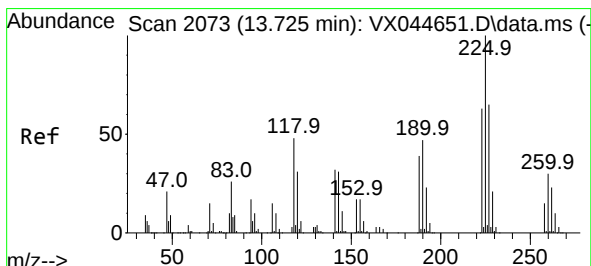
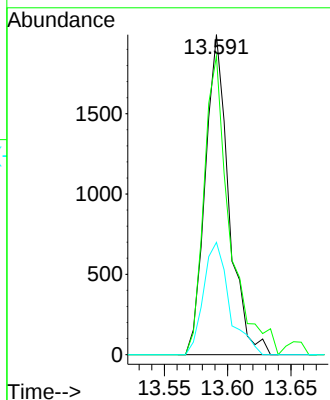
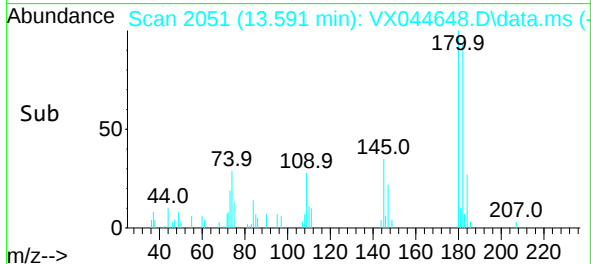
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



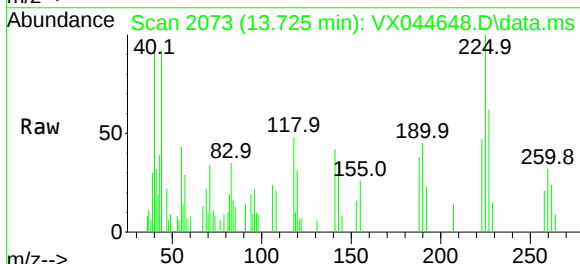
Tgt Ion:180 Resp: 258
Ion Ratio Lower Upper
180 100
182 101.8 47.4 142.2
145 38.4 16.7 50.1

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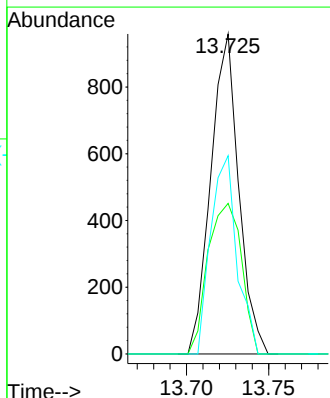
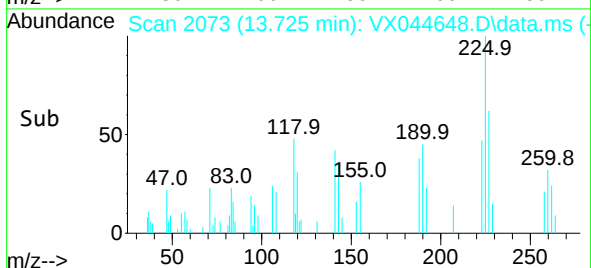
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

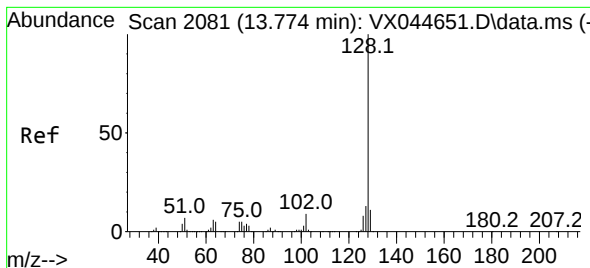


#94
Hexachlorobutadiene
Concen: 1.049 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044648.D
Acq: 15 Jan 2025 10:31



Tgt Ion:225 Resp: 1133
Ion Ratio Lower Upper
225 100
223 56.4 31.9 95.7
227 57.7 31.8 95.4





#95

Naphthalene

Concen: 1.033 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

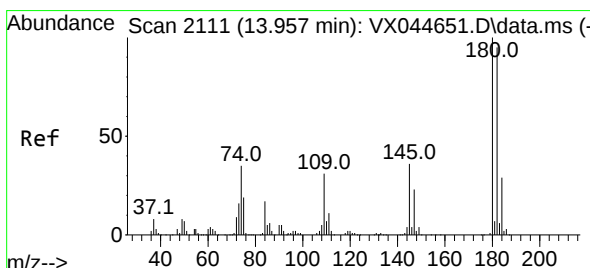
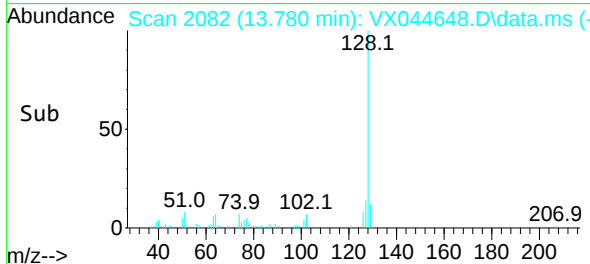
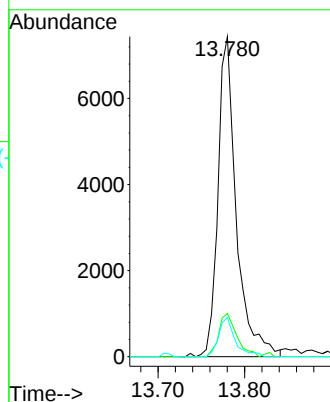
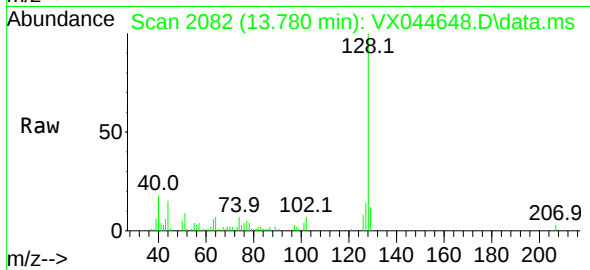
Tgt Ion:	128	Resp:	1095
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 1.004 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX044648.D

Acq: 15 Jan 2025 10:31

Tgt Ion:	180	Resp:	2863
Ion Ratio	Lower	Upper	
180	100		
182	92.5	47.2	141.6
145	40.9	17.5	52.6

