

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076725.D
 Acq On : 12 Jul 2023 11:17
 Operator : KP/SY
 Sample : VD0712SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2023
 Supervised By : Mahesh Dadoda 07/13/2023

Quant Time: Jul 12 11:34:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	181912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	327787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	293983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82729	45.391	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.780%		
35) Dibromofluoromethane	7.799	113	89254	45.835	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.680%		
50) Toluene-d8	10.269	98	321325	43.511	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.020%		
62) 4-Bromofluorobenzene	12.575	95	99654	41.579	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	35329	25.558	ug/l	94
3) Chloromethane	2.146	50	61363	21.345	ug/l	95
4) Vinyl Chloride	2.275	62	85233	26.578	ug/l	96
5) Bromomethane	2.670	94	63306	30.361	ug/l	100
6) Chloroethane	2.822	64	62990	28.658	ug/l	99
7) Trichlorofluoromethane	3.158	101	63454	24.044	ug/l	98
8) Diethyl Ether	3.587	74	20448	20.588	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	42276	24.874	ug/l	96
10) Methyl Iodide	4.152	142	35885	17.809	ug/l	92
11) Tert butyl alcohol	5.052	59	14953	95.022	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	36593	21.983	ug/l	90
13) Acrolein	3.793	56	15062	88.863	ug/l	100
14) Allyl chloride	4.552	41	52725	17.320	ug/l #	91
15) Acrylonitrile	5.246	53	50334	98.553	ug/l	98
16) Acetone	4.016	43	49278	113.620	ug/l #	77
17) Carbon Disulfide	4.258	76	90701	19.943	ug/l	98
18) Methyl Acetate	4.558	43	35877	17.950	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	95743	21.028	ug/l	98
20) Methylene Chloride	4.787	84	59580	19.819	ug/l #	90
21) trans-1,2-Dichloroethene	5.305	96	42900	22.298	ug/l	89
22) Diisopropyl ether	6.205	45	115742	17.583	ug/l	92
23) Vinyl Acetate	6.152	43	288001	88.270	ug/l	94
24) 1,1-Dichloroethane	6.105	63	80851	21.996	ug/l	98
25) 2-Butanone	7.087	43	64486	96.131	ug/l #	82
26) 2,2-Dichloropropane	7.069	77	68299	21.552	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	51088	21.941	ug/l	90
28) Bromochloromethane	7.422	49	22126	19.659	ug/l	80
29) Tetrahydrofuran	7.440	42	38250	88.726	ug/l #	84
30) Chloroform	7.593	83	86240	23.695	ug/l	98
31) Cyclohexane	7.875	56	63488	21.705	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	72484	24.637	ug/l	99
36) 1,1-Dichloropropene	8.005	75	62785	23.024	ug/l	95
37) Ethyl Acetate	7.169	43	27935	17.679	ug/l	97
38) Carbon Tetrachloride	7.987	117	54722	22.452	ug/l	90
39) Methylcyclohexane	9.269	83	70114	21.910	ug/l	94
40) Benzene	8.246	78	181659	21.845	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	15872	17.788	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	47248	21.027	ug/l	98
43) Isopropyl Acetate	8.357	43	51658	17.268	ug/l #	90
44) Trichloroethene	9.028	130	46863	20.891	ug/l	90
45) 1,2-Dichloropropane	9.304	63	47692	21.152	ug/l	93
46) Dibromomethane	9.393	93	26552	21.983	ug/l #	86
47) Bromodichloromethane	9.581	83	65419	22.633	ug/l	96
48) Methyl methacrylate	9.381	41	21608	15.759	ug/l #	80
49) 1,4-Dioxane	9.381	88	6361	439.549	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	135800	88.804	ug/l	93
52) Toluene	10.334	92	114595	21.960	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	60263	20.547	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	71431	20.542	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	36014	21.316	ug/l	90
56) Ethyl methacrylate	10.599	69	42588	19.305	ug/l #	85
57) 1,3-Dichloropropane	10.875	76	63306	21.885	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	92054	98.426	ug/l	91
59) 2-Hexanone	10.922	43	97115	91.297	ug/l	91
60) Dibromochloromethane	11.075	129	41317	21.013	ug/l	95
61) 1,2-Dibromoethane	11.181	107	34042	21.464	ug/l	99
64) Tetrachloroethene	10.804	164	33415	18.936	ug/l #	85
65) Chlorobenzene	11.604	112	119714	21.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	43932	21.995	ug/l	95
67) Ethyl Benzene	11.687	91	219553	22.185	ug/l	94
68) m/p-Xylenes	11.793	106	165623	42.873	ug/l	92
69) o-Xylene	12.122	106	78112	21.241	ug/l	91
70) Styrene	12.134	104	139357	21.938	ug/l	99
71) Bromoform	12.298	173	23450	19.553	ug/l #	99
73) Isopropylbenzene	12.422	105	211222	23.411	ug/l	95
74) N-amyl acetate	12.234	43	47871	18.124	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	44844	24.087	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	23247m	17.479	ug/l	
77) Bromobenzene	12.704	156	45007	20.220	ug/l	81
78) n-propylbenzene	12.763	91	267702	24.030	ug/l	93
79) 2-Chlorotoluene	12.845	91	141002	23.049	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	168685	22.894	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	12004	19.777	ug/l	94
82) 4-Chlorotoluene	12.945	91	146009	22.982	ug/l	91
83) tert-Butylbenzene	13.169	119	148323	22.656	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	167039	22.497	ug/l	97
85) sec-Butylbenzene	13.345	105	236074	24.299	ug/l	95
86) p-Isopropyltoluene	13.463	119	186885	23.021	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	95035	21.736	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	93781	21.506	ug/l	96
89) n-Butylbenzene	13.787	91	186539	23.559	ug/l	95
90) Hexachloroethane	14.051	117	34241	22.856	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	81390	21.303	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5577	19.901	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	48183	18.923	ug/l	98
94) Hexachlorobutadiene	15.204	225	23895	19.302	ug/l	97
95) Naphthalene	15.334	128	102017	20.036	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	42255	19.047	ug/l	95

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Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

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

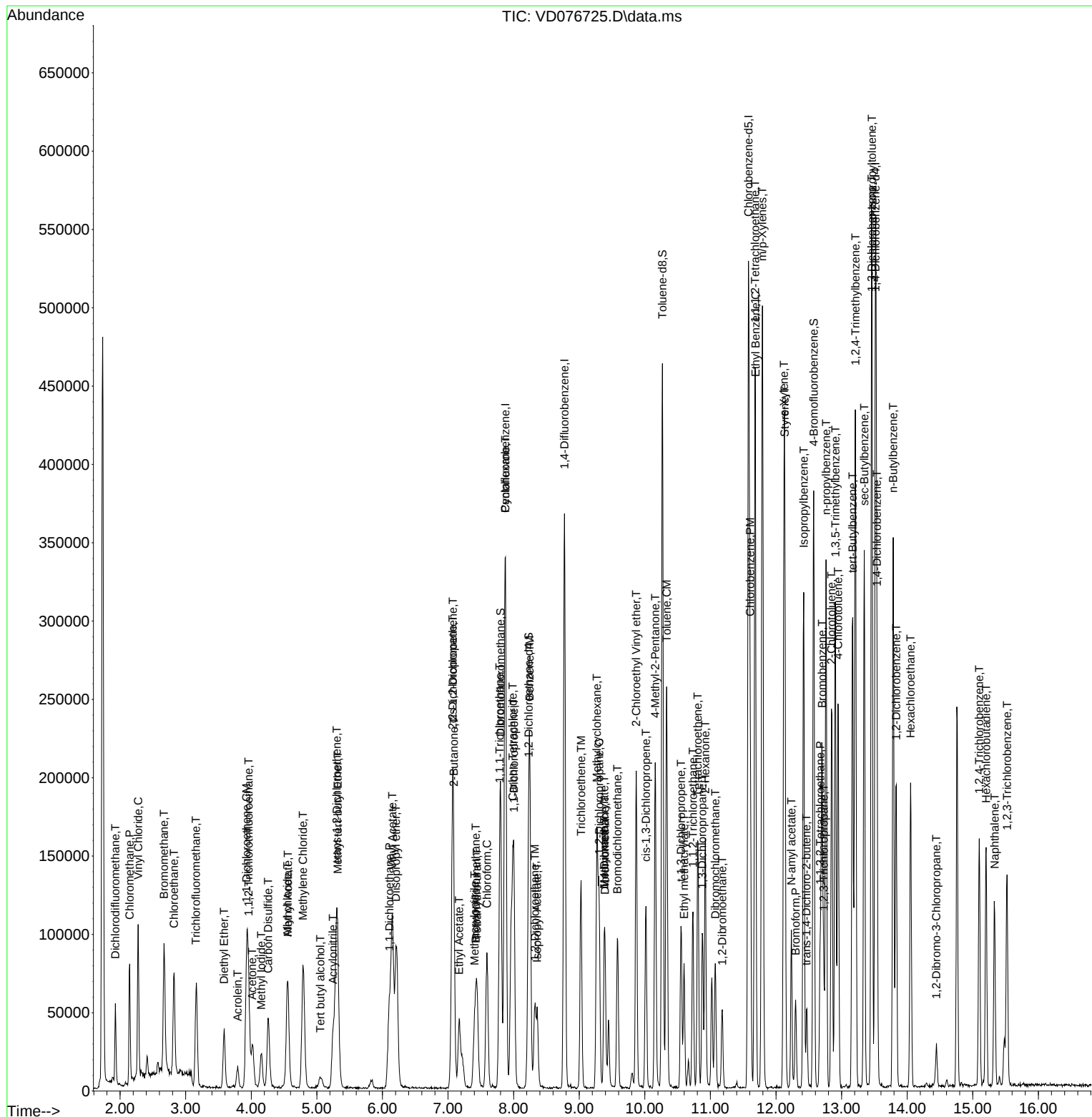
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
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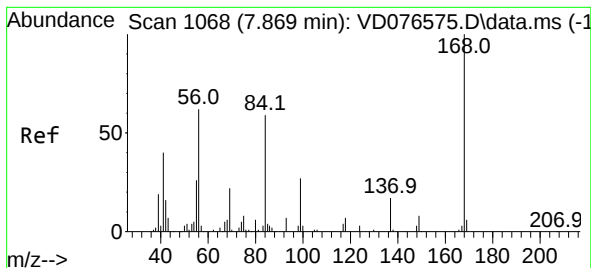
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Manual Integrations APPROVED

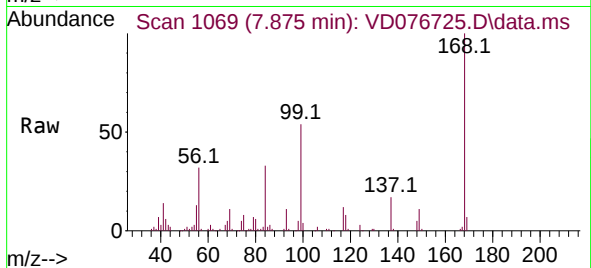
Reviewed By : John Carlone 07/13/2023
 Supervised By : Mahesh Dadoda 07/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

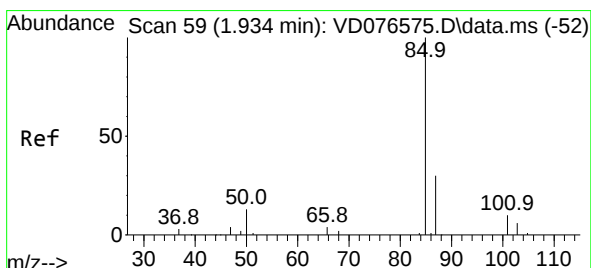
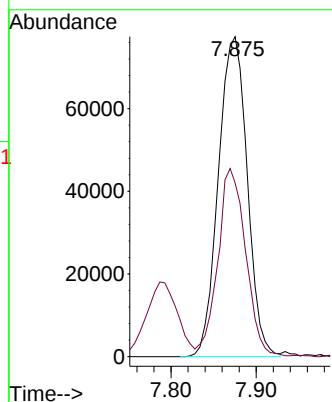
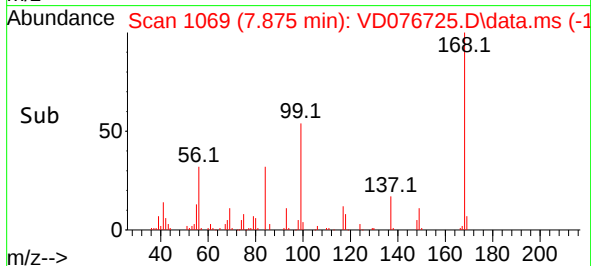
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion:168 Resp: 18191
Ion Ratio Lower Upper
168 100
99 53.7 36.7 55.1

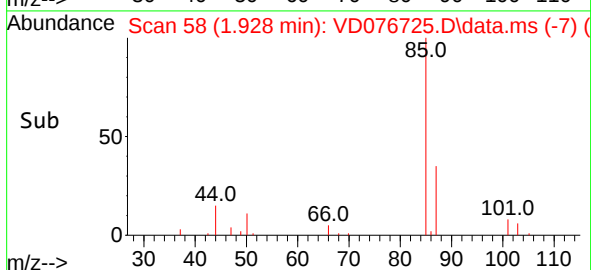
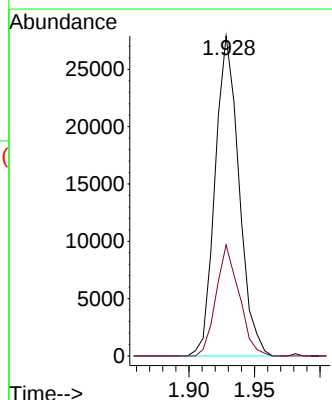
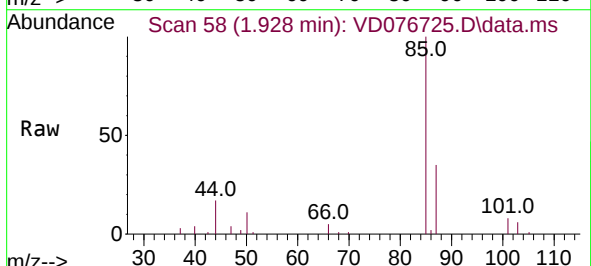
Manual Integrations
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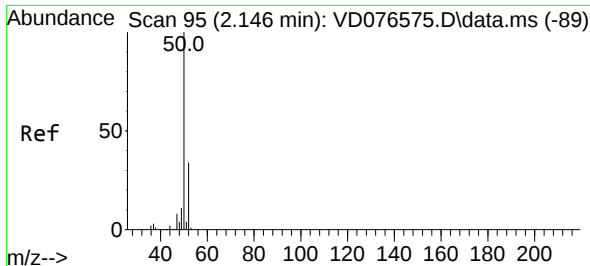
Reviewed By :John Carlone 07/13/2023
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#2
Dichlorodifluoromethane
Concen: 25.558 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

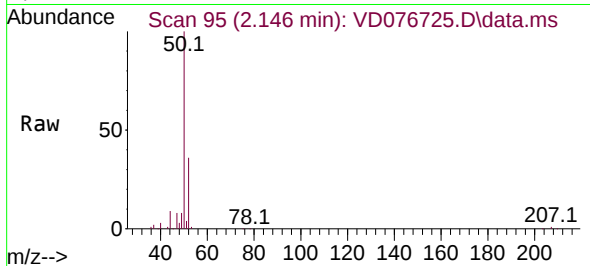
Tgt Ion: 85 Resp: 35329
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.0





#3
Chloromethane
Concen: 21.345 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

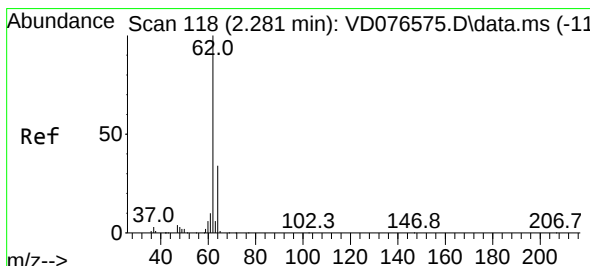
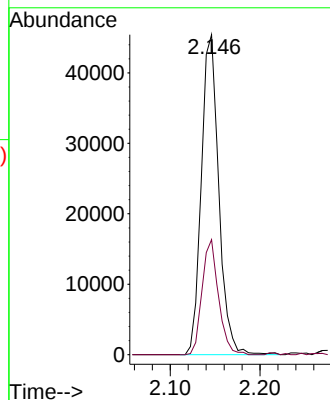
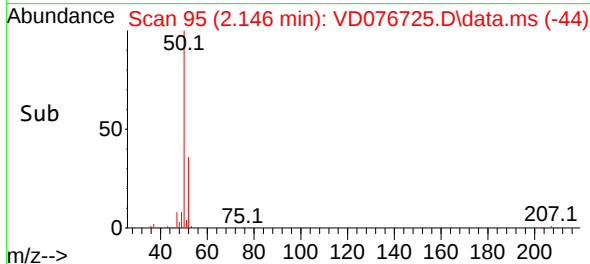
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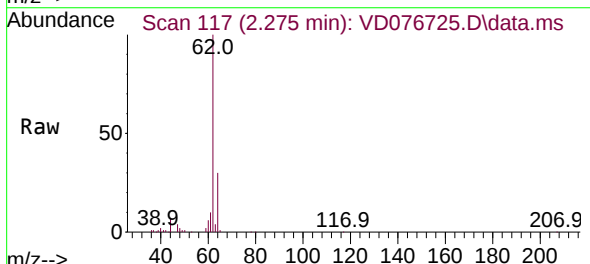
Tgt Ion: 50 Resp: 6136
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0

Manual Integrations
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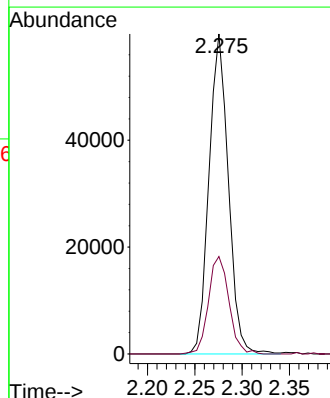
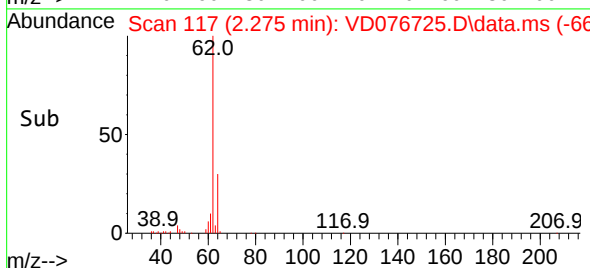
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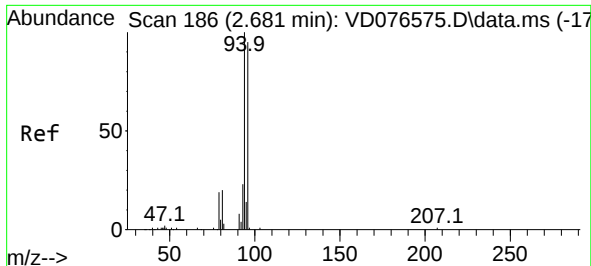


#4
Vinyl Chloride
Concen: 26.578 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17



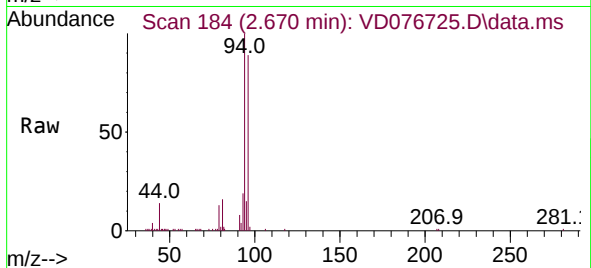
Tgt Ion: 62 Resp: 85233
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0





#5
Bromomethane
Concen: 30.361 ug/l
RT: 2.670 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

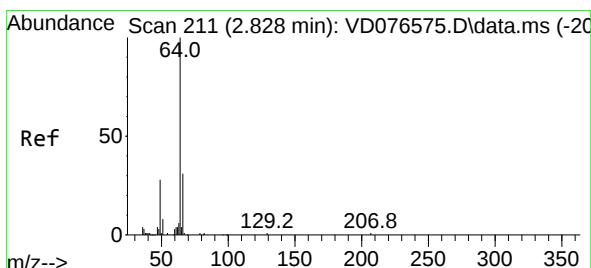
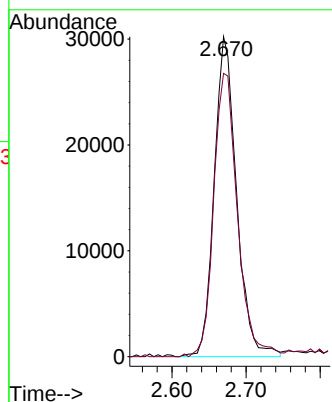
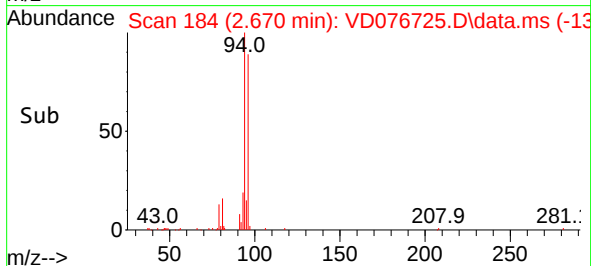
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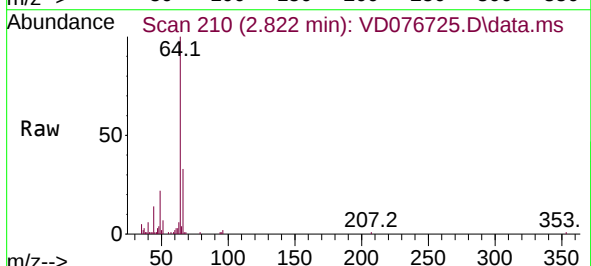
Tgt Ion: 94 Resp: 63300
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.8

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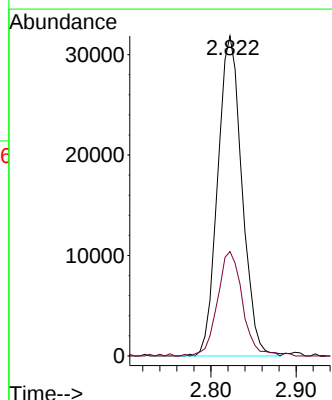
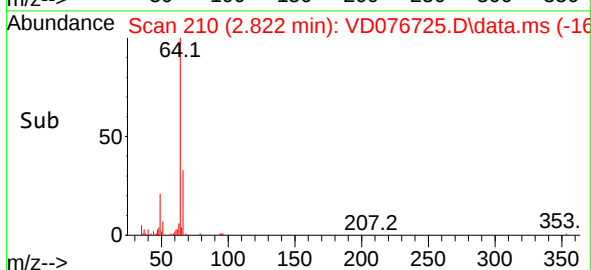
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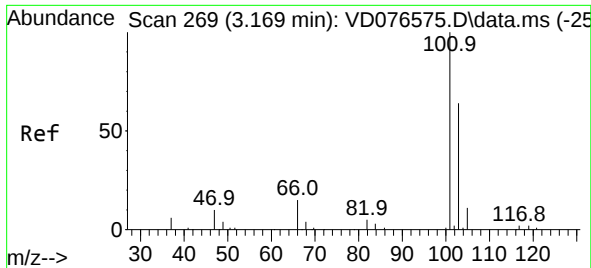


#6
Chloroethane
Concen: 28.658 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17



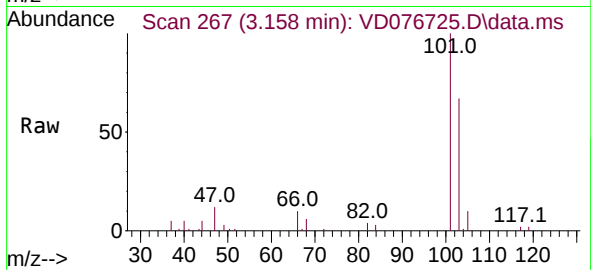
Tgt Ion: 64 Resp: 62990
Ion Ratio Lower Upper
64 100
66 32.6 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 24.044 ug/l
 RT: 3.158 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076725.D
 Acq: 12 Jul 2023 11:17

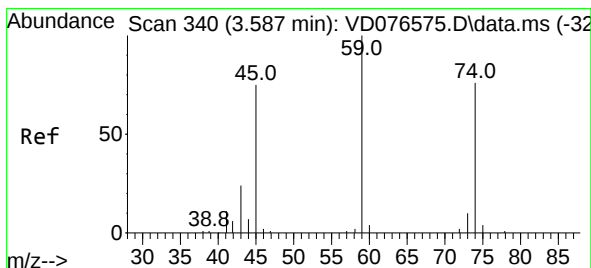
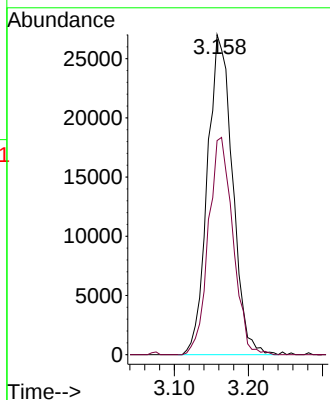
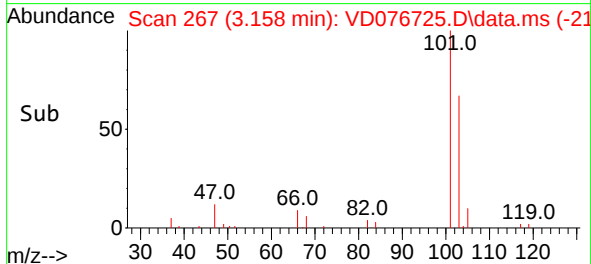
Instrument :
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Tgt Ion:101 Resp: 63454
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.3 78.5

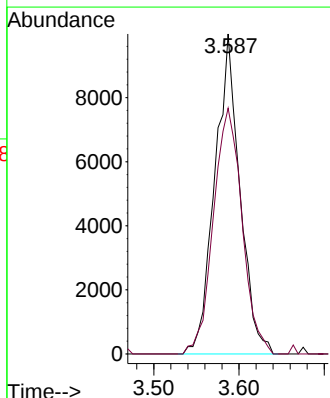
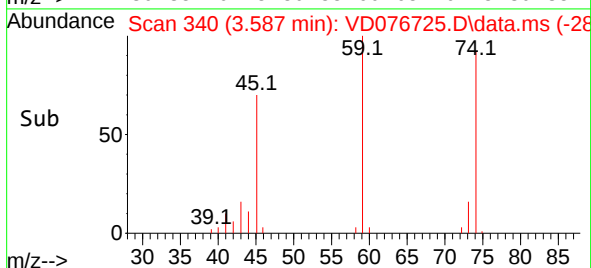
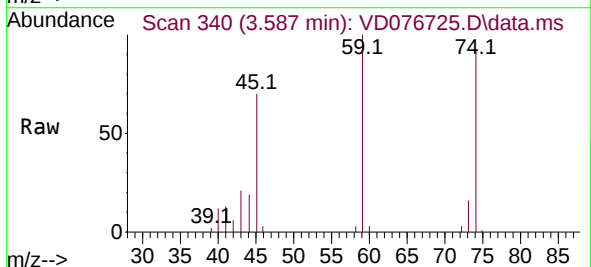
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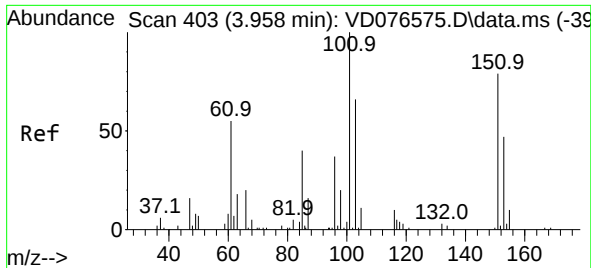
Reviewed By :John Carlone 07/13/2023
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#8
 Diethyl Ether
 Concen: 20.588 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VD076725.D
 Acq: 12 Jul 2023 11:17

Tgt Ion: 74 Resp: 20448
 Ion Ratio Lower Upper
 74 100
 45 87.6 37.5 112.7





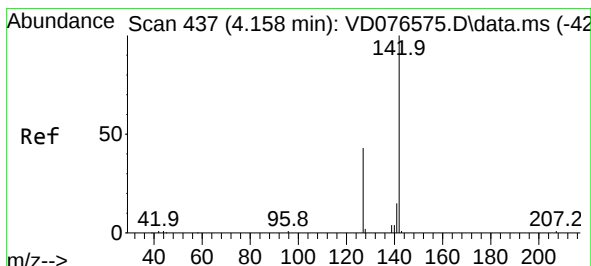
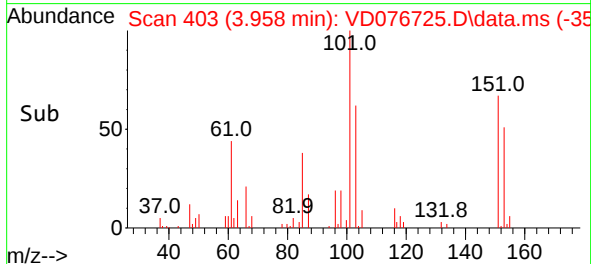
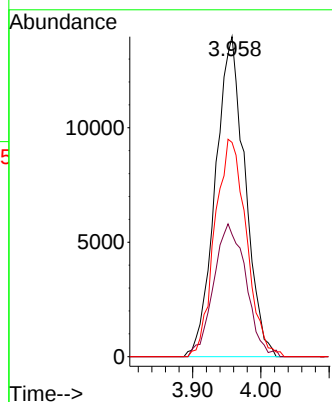
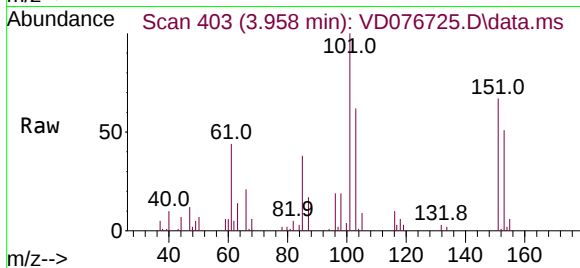
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.874 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion:101 Resp: 42270
Ion Ratio Lower Upper
101 100
85 45.3 33.8 50.6
151 72.2 59.8 89.6

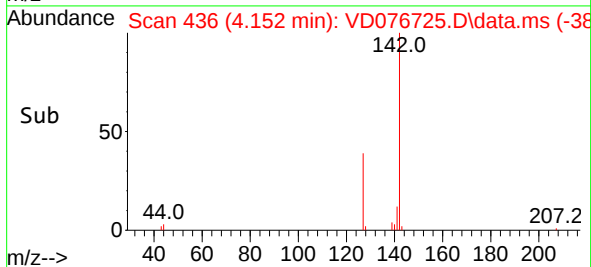
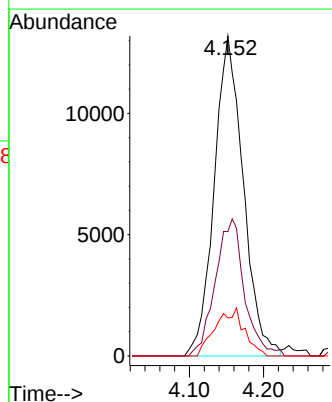
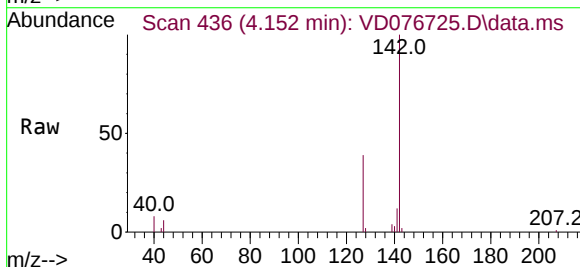
Manual Integrations
APPROVED

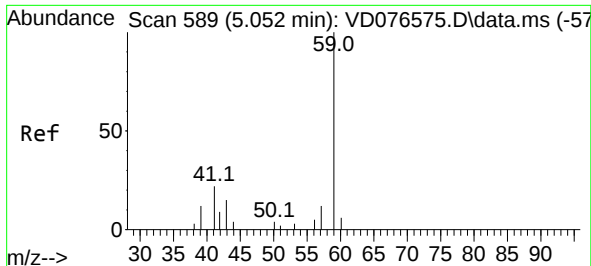
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#10
Methyl Iodide
Concen: 17.809 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion:142 Resp: 35885
Ion Ratio Lower Upper
142 100
127 42.9 29.4 44.0
141 14.9 11.1 16.7





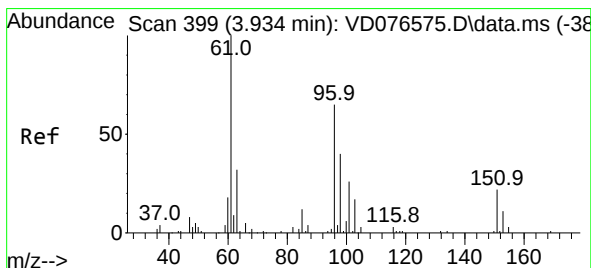
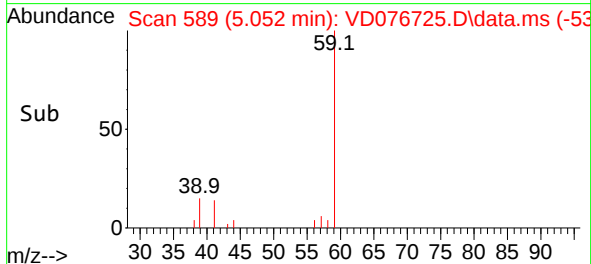
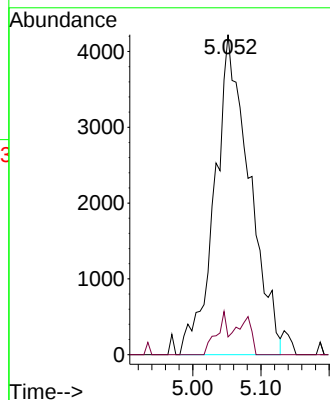
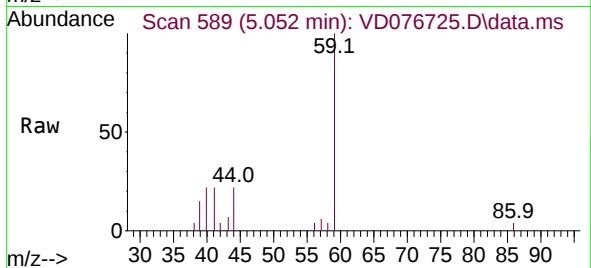
#11
Tert butyl alcohol
Concen: 95.022 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 59 Resp: 1495
Ion Ratio Lower Upper
59 100
57 4.8 7.8 11.8

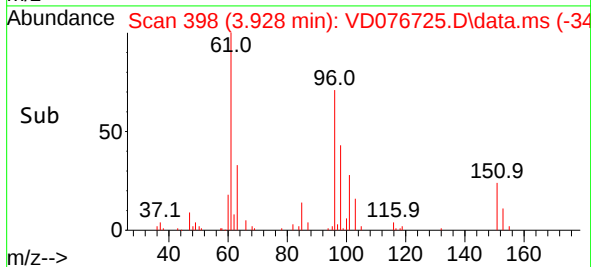
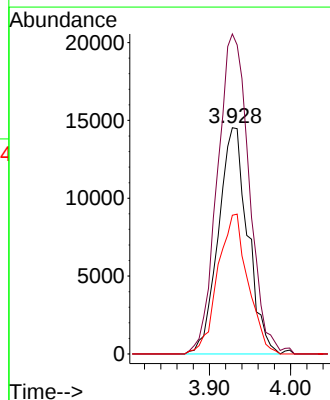
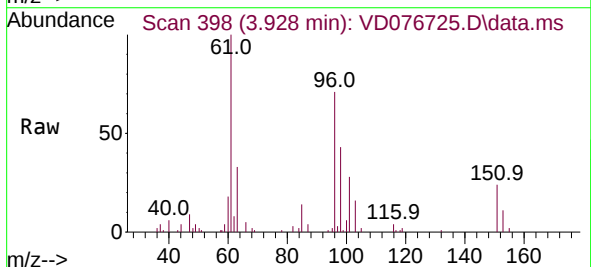
Manual Integrations
APPROVED

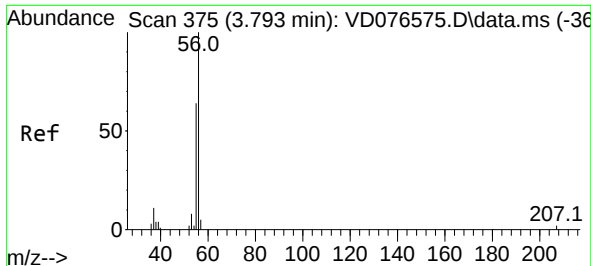
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#12
1,1-Dichloroethene
Concen: 21.983 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

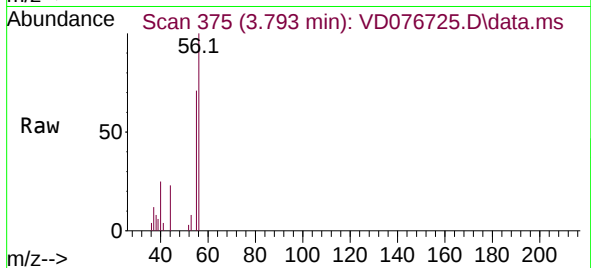
Tgt Ion: 96 Resp: 36593
Ion Ratio Lower Upper
96 100
61 141.4 100.6 150.8
98 61.3 50.2 75.2





#13
Acrolein
Concen: 88.863 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

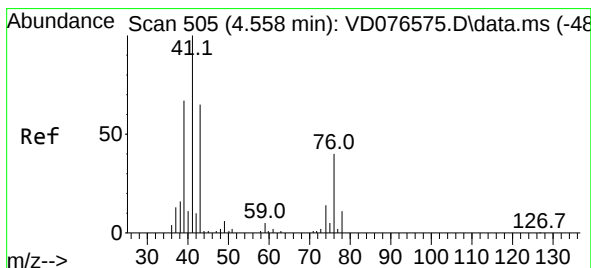
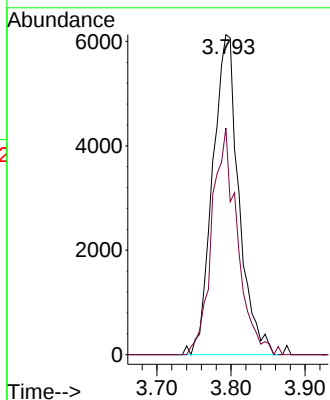
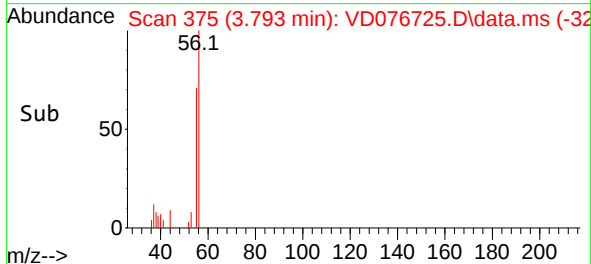
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



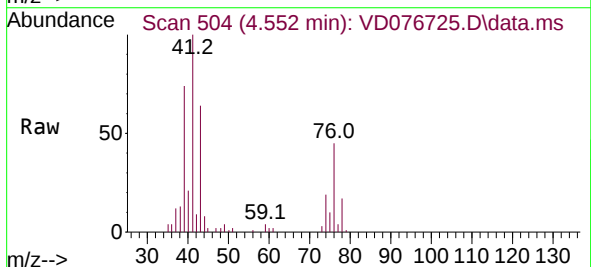
Tgt Ion: 56 Resp: 15062
Ion Ratio Lower Upper
56 100
55 69.2 55.1 82.7

Manual Integrations
APPROVED

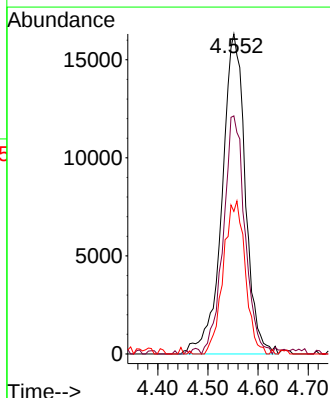
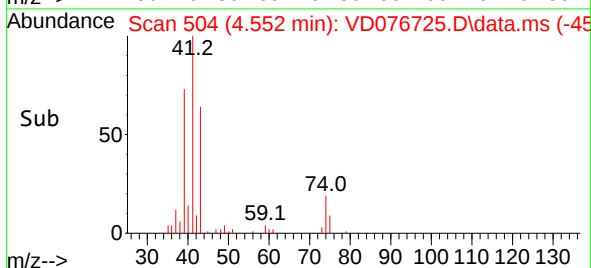
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

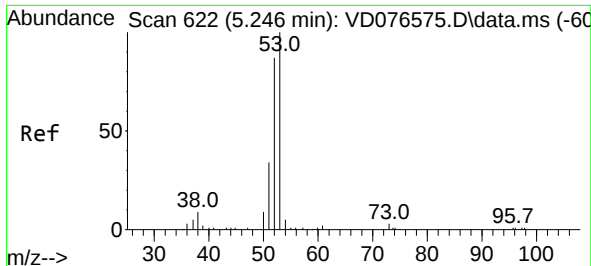


#14
Allyl chloride
Concen: 17.320 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17



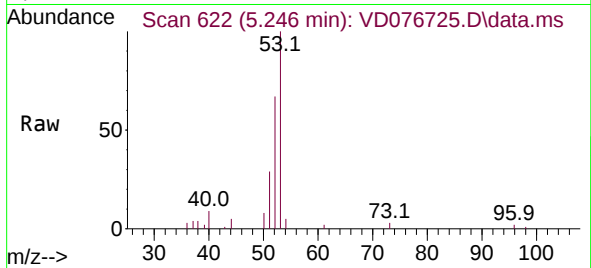
Tgt Ion: 41 Resp: 52725
Ion Ratio Lower Upper
41 100
39 69.0 53.8 80.6
76 45.0 45.8 68.8#





#15
Acrylonitrile
Concen: 98.553 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

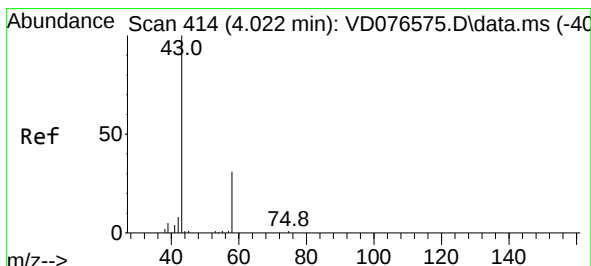
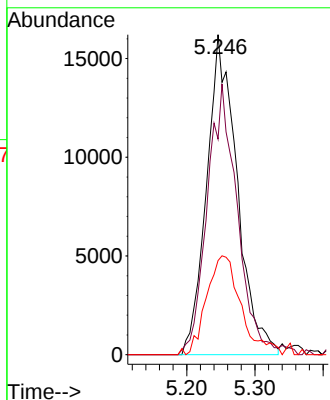
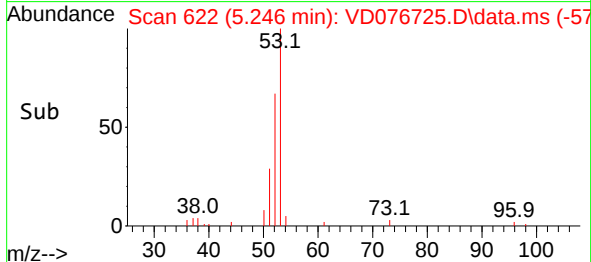
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 53 Resp: 50334
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 34.9 28.3 42.5

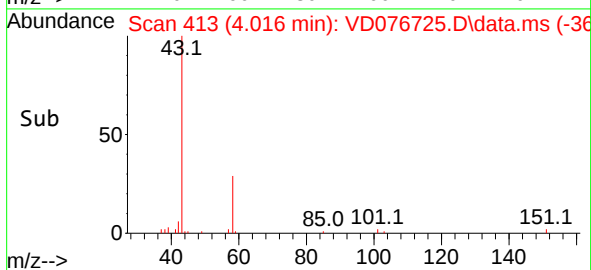
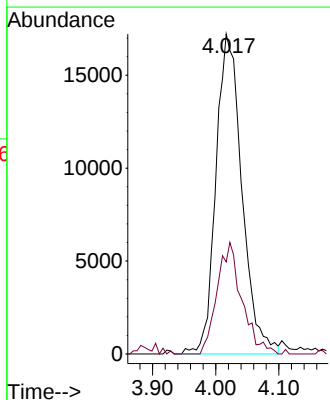
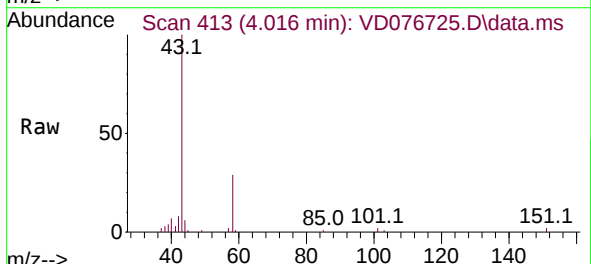
Manual Integrations
APPROVED

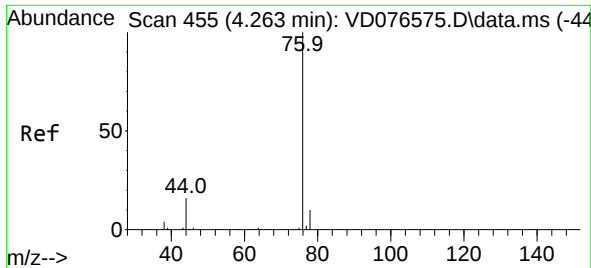
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#16
Acetone
Concen: 113.620 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

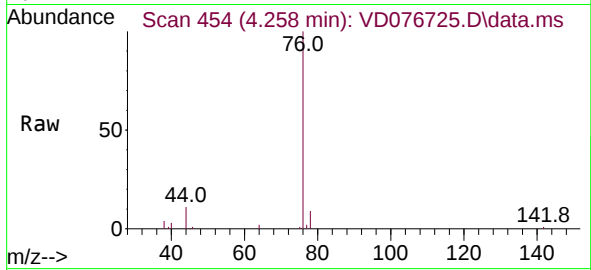
Tgt Ion: 43 Resp: 49278
Ion Ratio Lower Upper
43 100
58 28.8 34.7 52.1#





#17
Carbon Disulfide
Concen: 19.943 ug/l
RT: 4.258 min Scan# 454
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

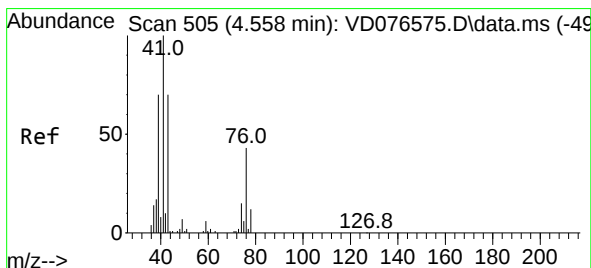
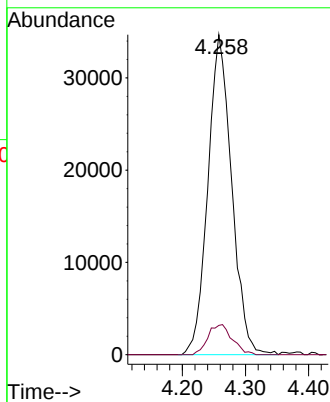
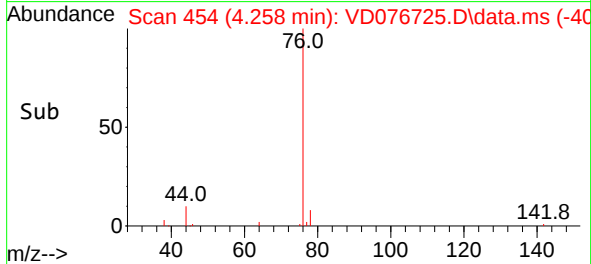
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 76 Resp: 9070
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

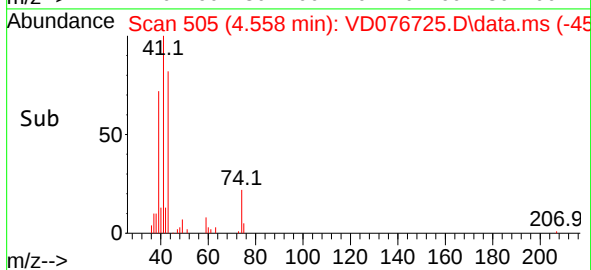
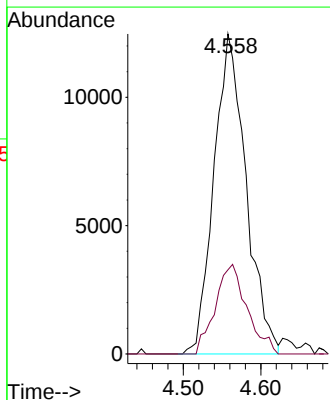
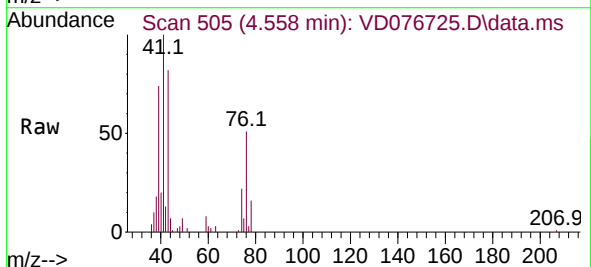
Manual Integrations
APPROVED

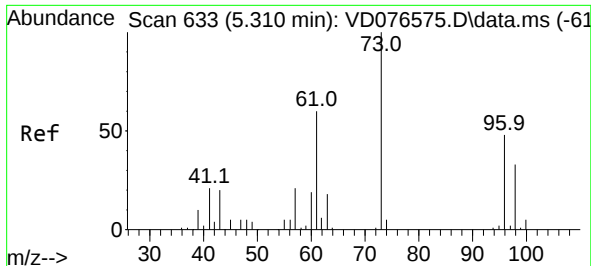
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#18
Methyl Acetate
Concen: 17.950 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 43 Resp: 35877
Ion Ratio Lower Upper
43 100
74 27.8 26.4 39.6





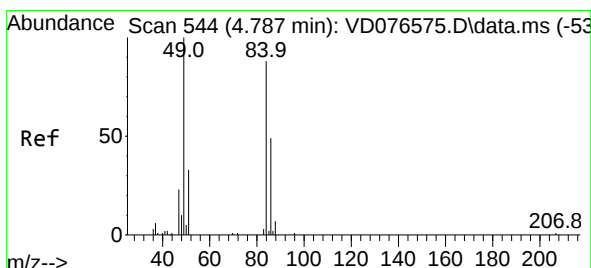
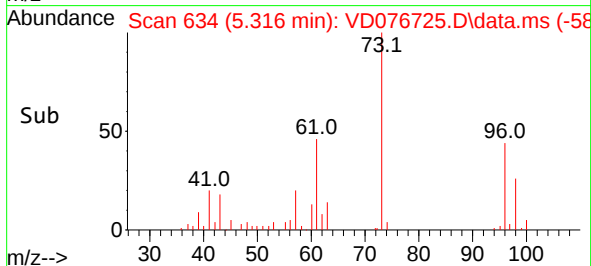
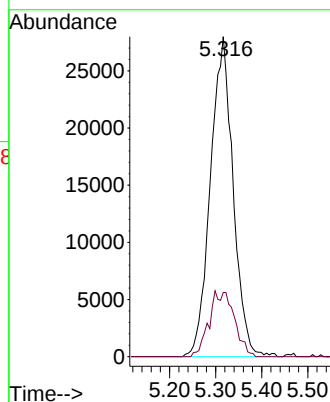
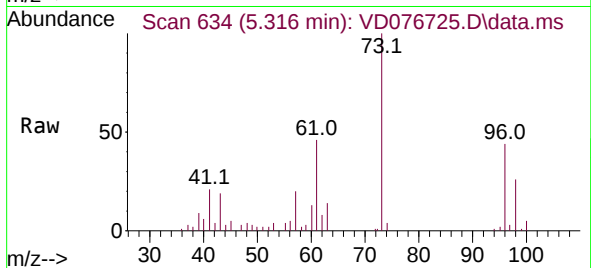
#19
Methyl tert-butyl Ether
Concen: 21.028 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 73 Resp: 9574
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0

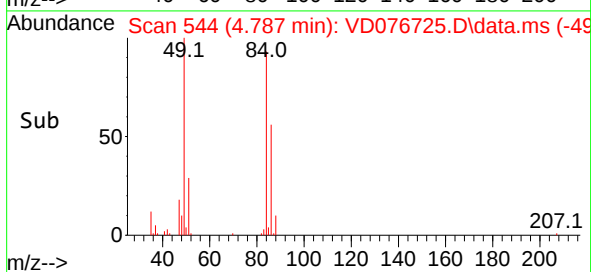
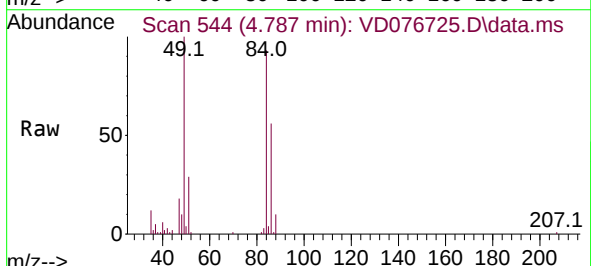
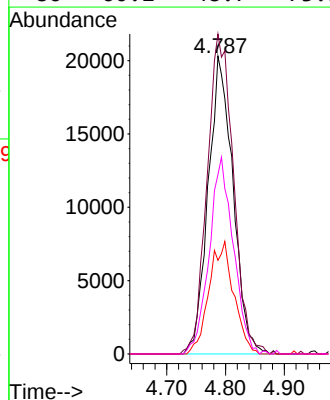
Manual Integrations
APPROVED

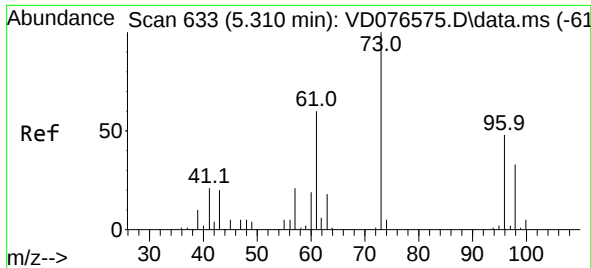
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#20
Methylene Chloride
Concen: 19.819 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

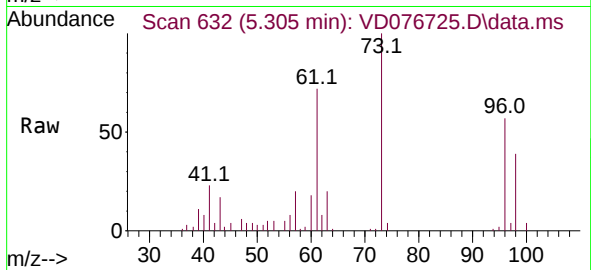
Tgt Ion: 84 Resp: 59580
Ion Ratio Lower Upper
84 100
49 107.4 71.4 107.2#
51 31.4 24.5 36.7
86 60.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 22.298 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

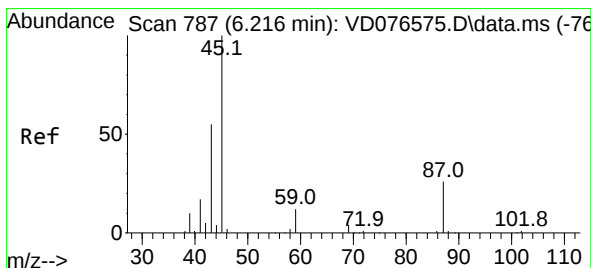
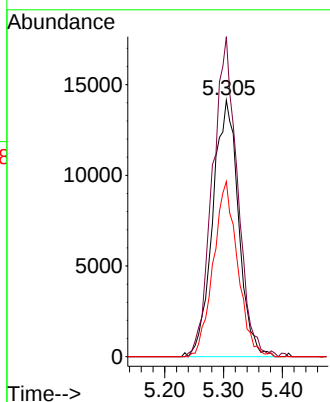
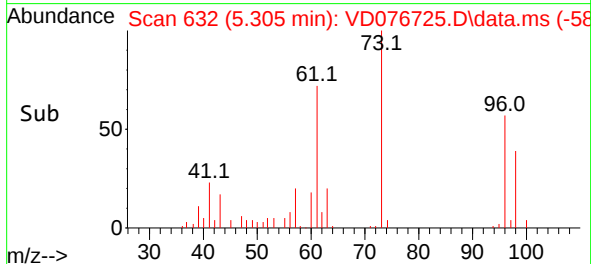
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



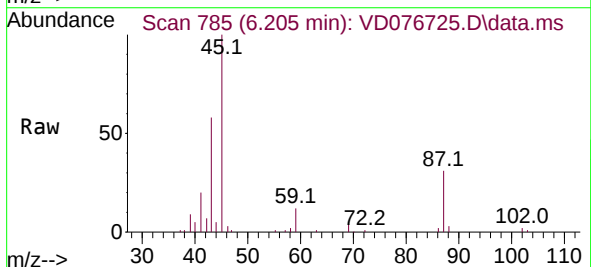
Tgt Ion: 96 Resp: 42900
Ion Ratio Lower Upper
96 100
61 124.7 89.3 133.9
98 68.3 48.6 73.0

Manual Integrations
APPROVED

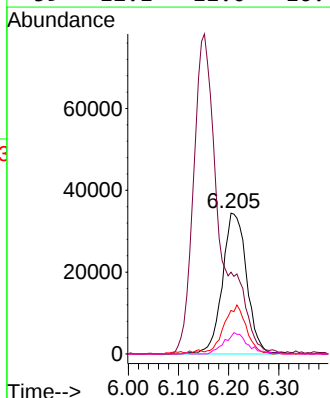
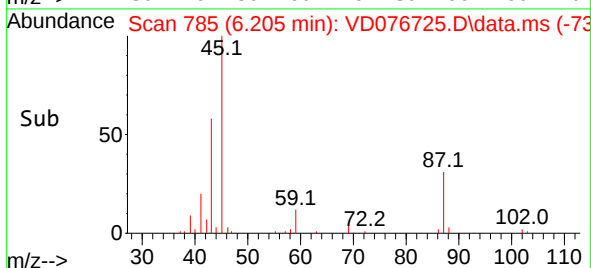
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

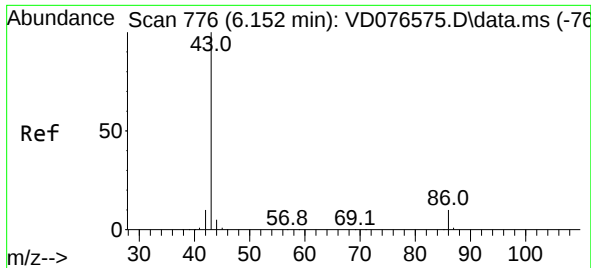


#22
Diisopropyl ether
Concen: 17.583 ug/l
RT: 6.205 min Scan# 785
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17



Tgt Ion: 45 Resp: 115742
Ion Ratio Lower Upper
45 100
43 56.6 40.0 60.0
87 30.4 28.2 42.4
59 12.1 11.0 16.4





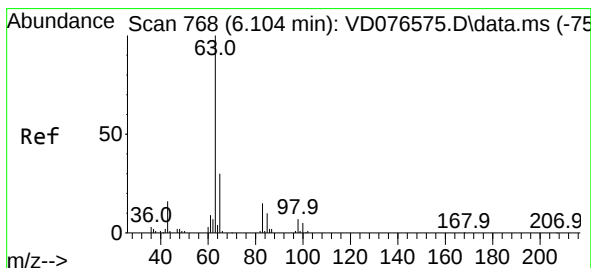
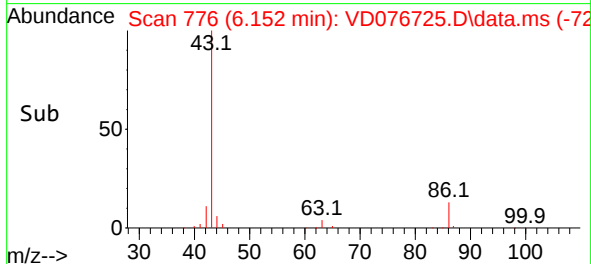
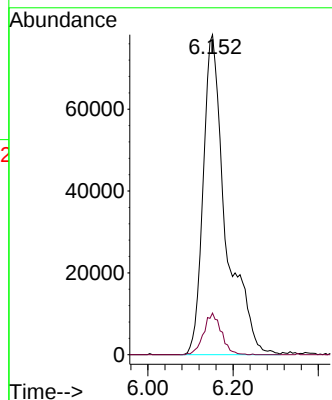
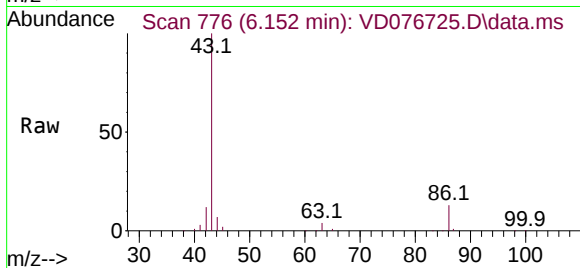
#23
 Vinyl Acetate
 Concen: 88.270 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076725.D
 Acq: 12 Jul 2023 11:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBSD01

Tgt Ion: 43 Resp: 28800
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7

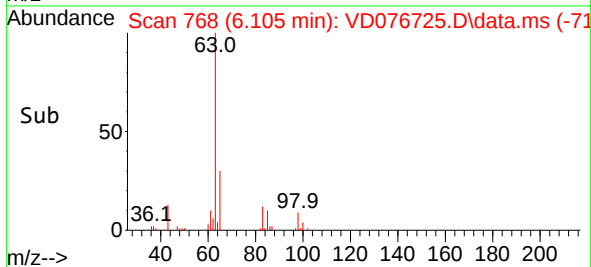
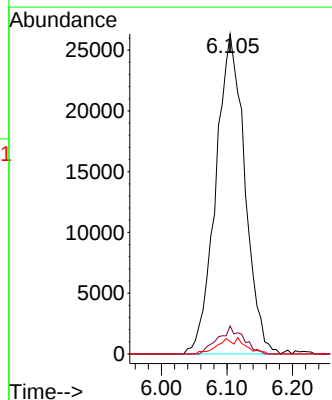
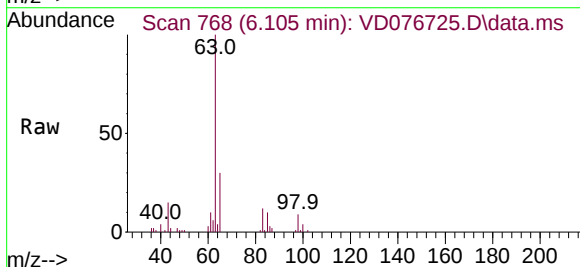
Manual Integrations
 APPROVED

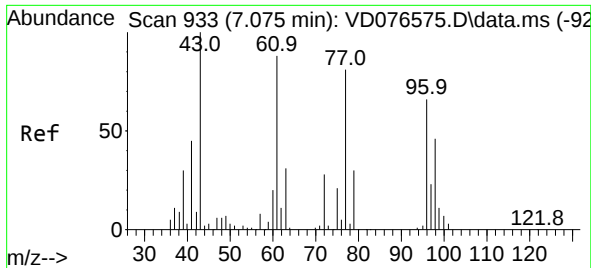
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023



#24
 1,1-Dichloroethane
 Concen: 21.996 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076725.D
 Acq: 12 Jul 2023 11:17

Tgt Ion: 63 Resp: 80851
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 3.8 2.5 7.5





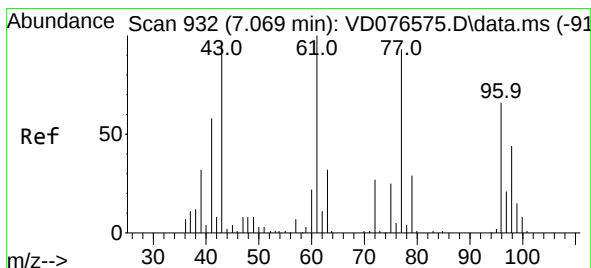
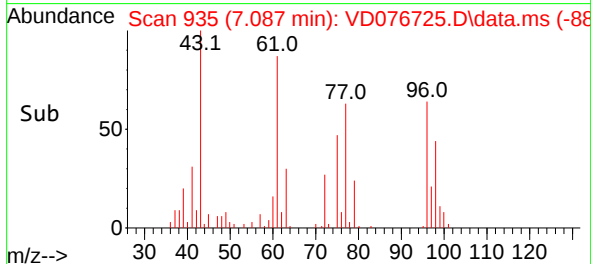
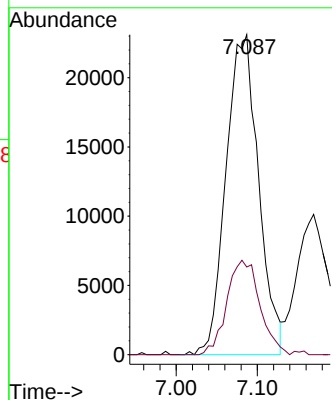
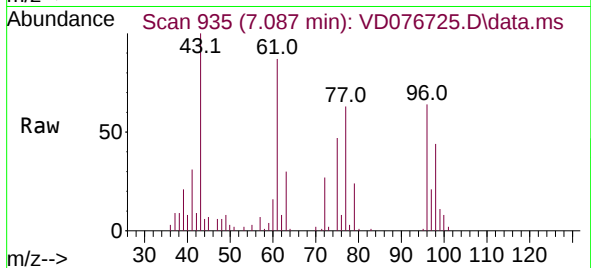
#25
2-Butanone
Concen: 96.131 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 43 Resp: 6448
Ion Ratio Lower Upper
43 100
72 27.4 30.7 46.1

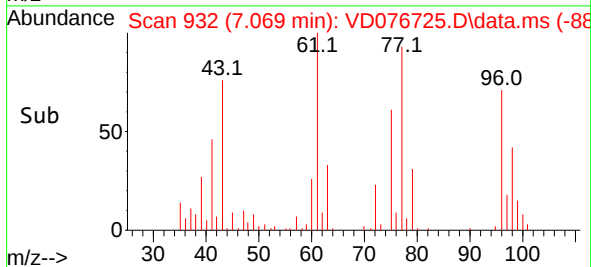
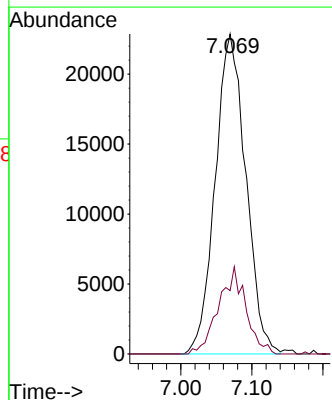
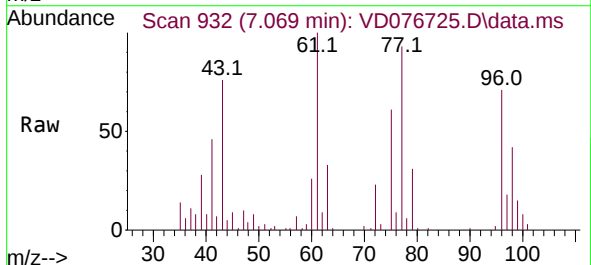
Manual Integrations
APPROVED

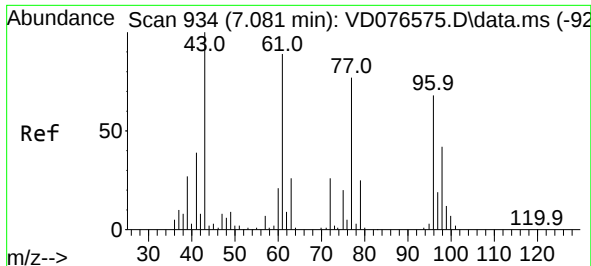
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#26
2,2-Dichloropropane
Concen: 21.552 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 77 Resp: 68299
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 21.941 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

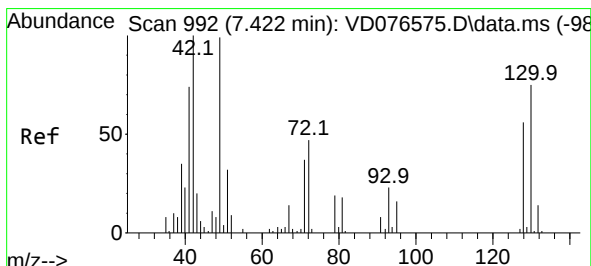
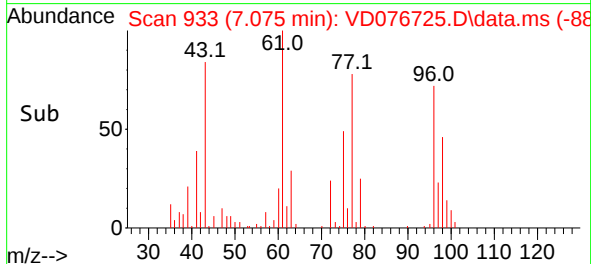
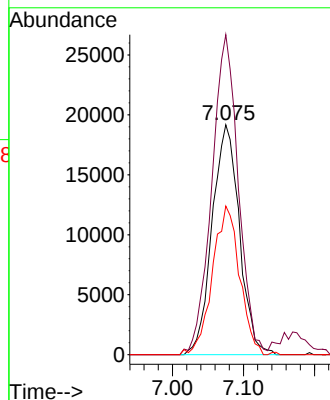
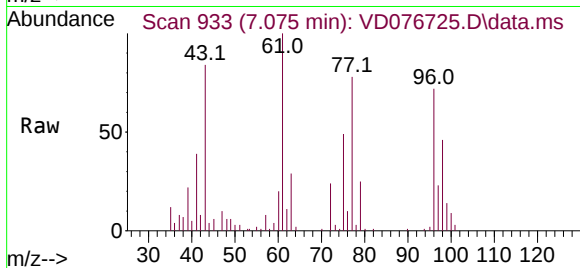
Tgt Ion: 96	Resp: 5108
Ion Ratio	Lower Upper
96 100	
61 136.0	0.0 239.2
98 64.4	0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#28

Bromochloromethane

Concen: 19.659 ug/l

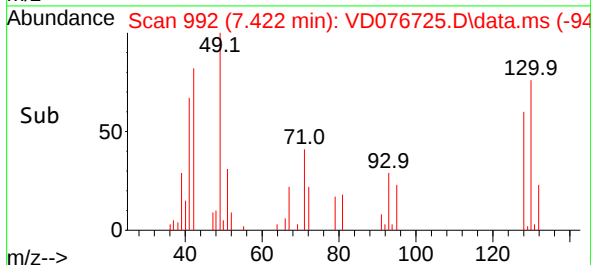
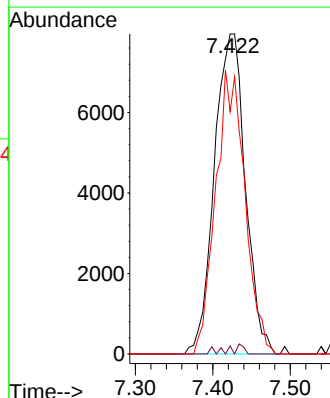
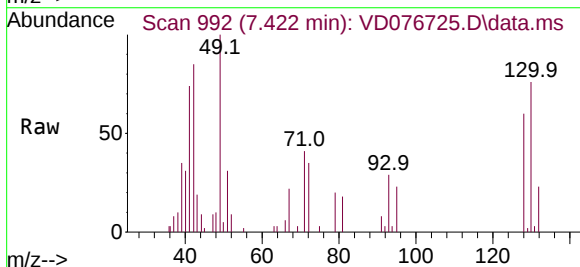
RT: 7.422 min Scan# 992

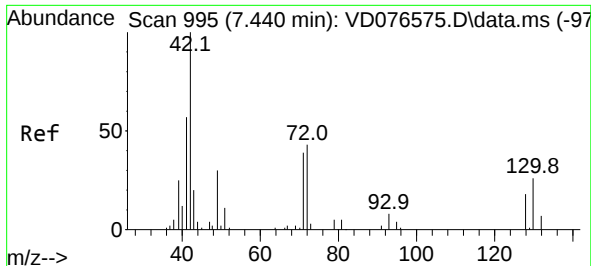
Delta R.T. 0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Tgt Ion: 49	Resp: 22126
Ion Ratio	Lower Upper
49 100	
129 0.2	0.0 6.0
130 83.5	83.2 124.8





#29

Tetrahydrofuran

Concen: 88.726 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.006 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 42 Resp: 38250

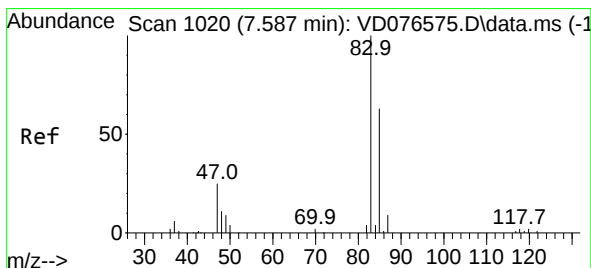
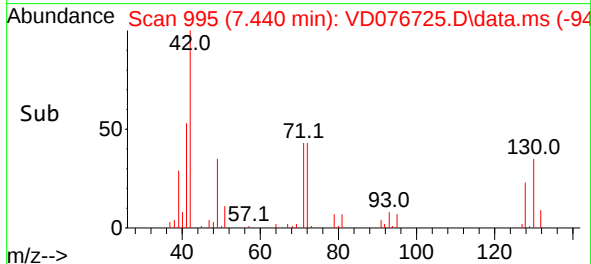
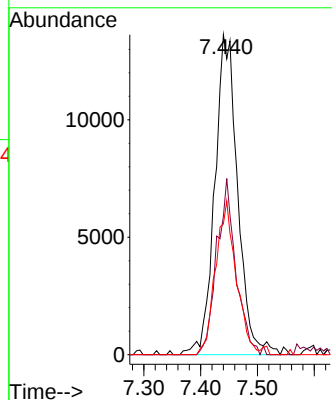
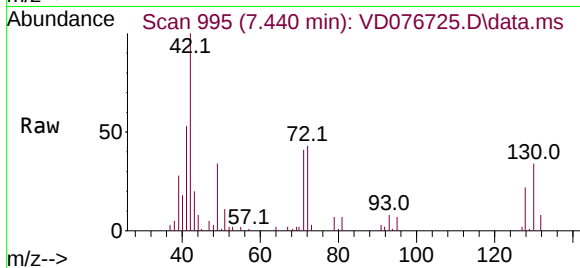
Ion	Ratio	Lower	Upper
42	100		
72	46.2	46.5	69.7
71	43.2	44.5	66.7

Manual Integrations

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Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#30

Chloroform

Concen: 23.695 ug/l

RT: 7.593 min Scan# 1021

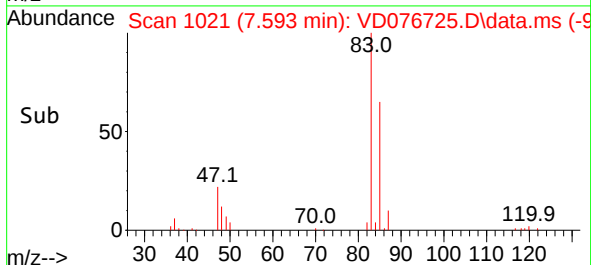
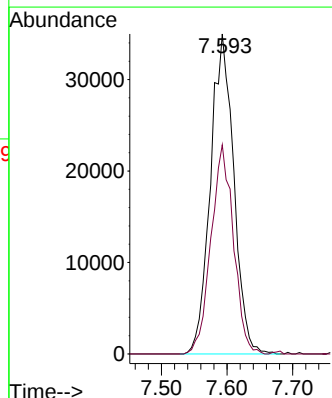
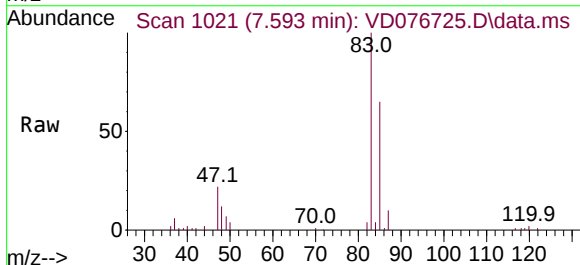
Delta R.T. -0.000 min

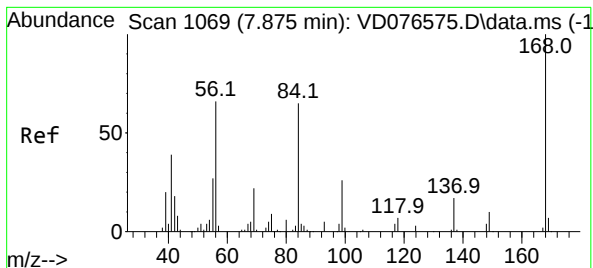
Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Tgt Ion: 83 Resp: 86240

Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.4	80.2





#31

Cyclohexane

Concen: 21.705 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 56 Resp: 6348

Ion Ratio Lower Upper

56 100

69 34.6 28.6 43.0

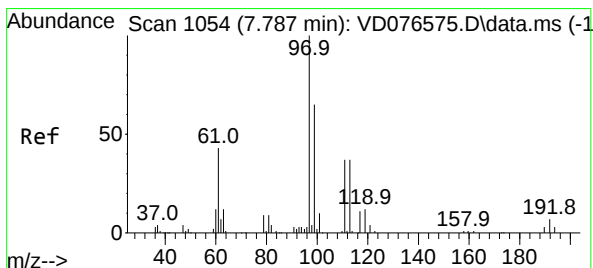
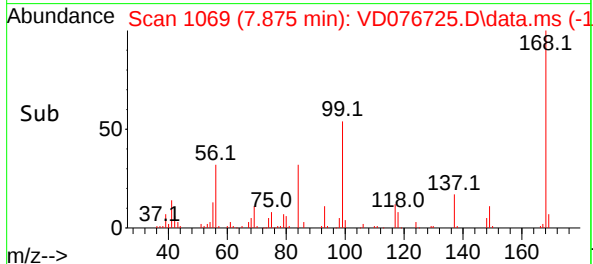
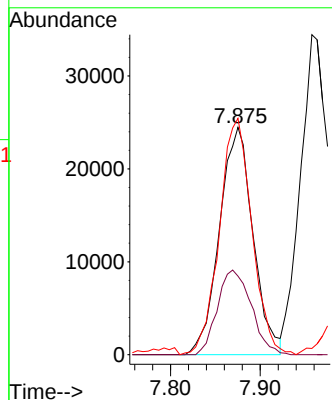
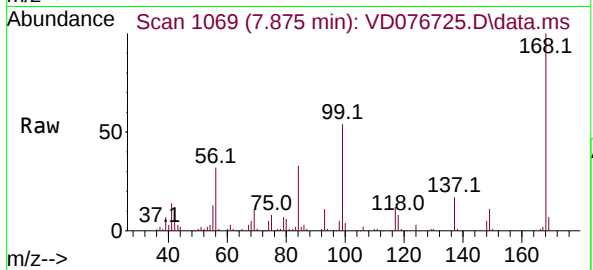
84 104.0 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#32

1,1,1-Trichloroethane

Concen: 24.637 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

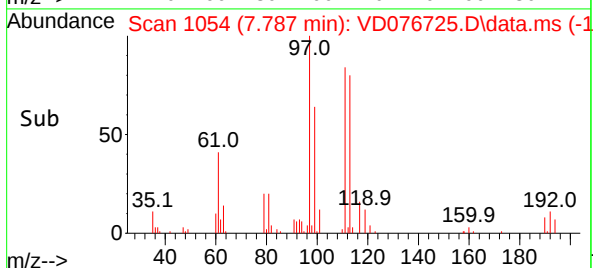
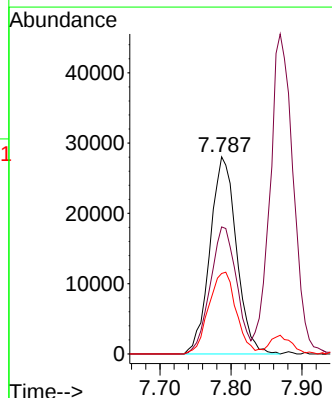
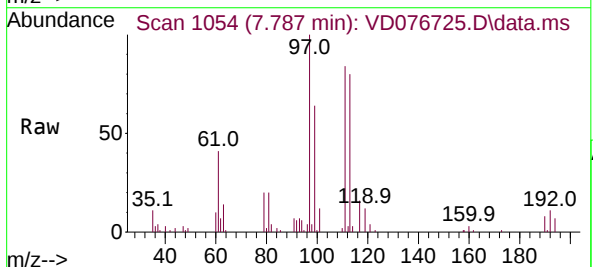
Tgt Ion: 97 Resp: 72484

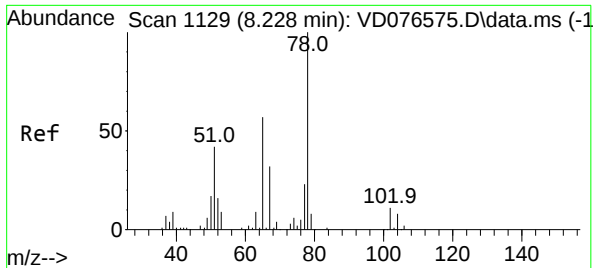
Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 43.4 33.8 50.8





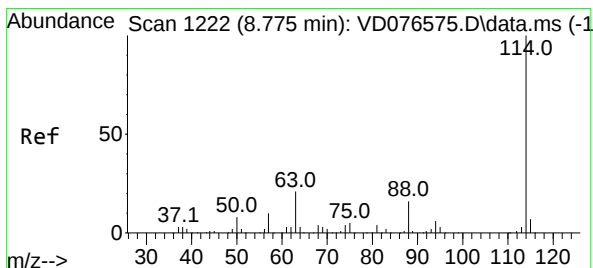
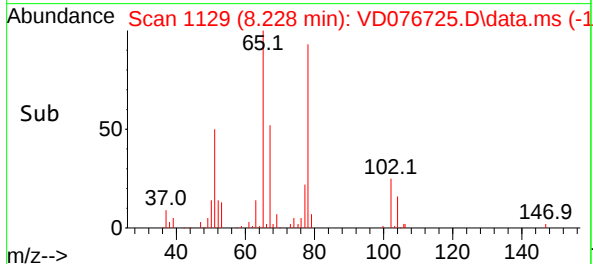
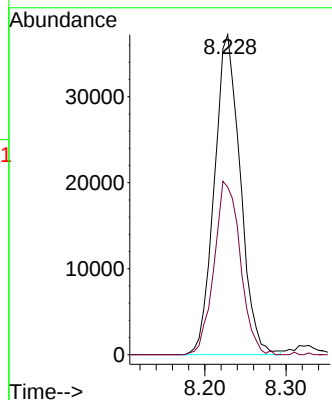
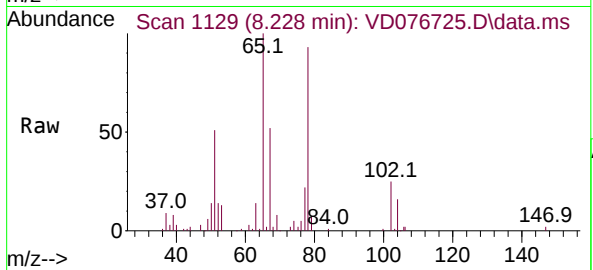
#33
1,2-Dichloroethane-d4
Concen: 45.391 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 65 Resp: 82729
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0

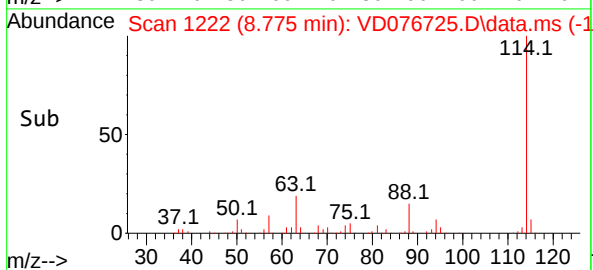
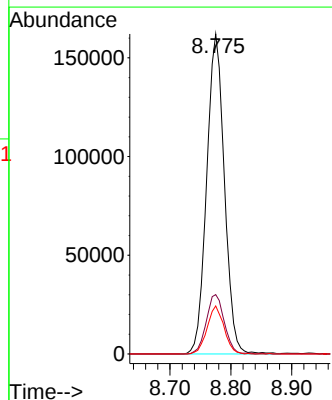
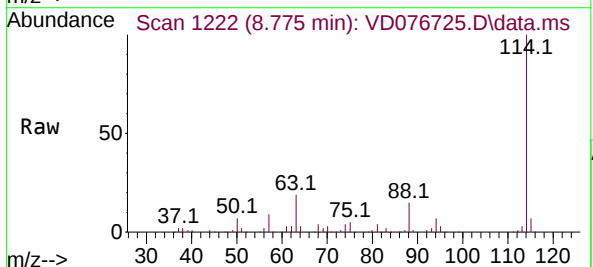
Manual Integrations
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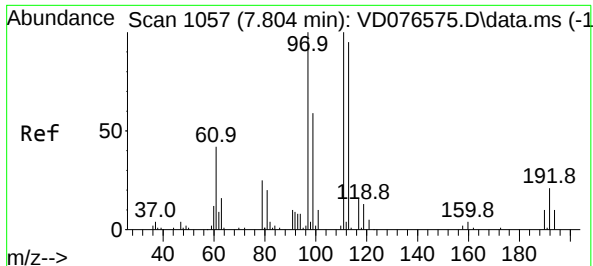
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion:114 Resp: 327787
Ion Ratio Lower Upper
114 100
63 18.5 0.0 33.4
88 15.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.835 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 113 Resp: 89254

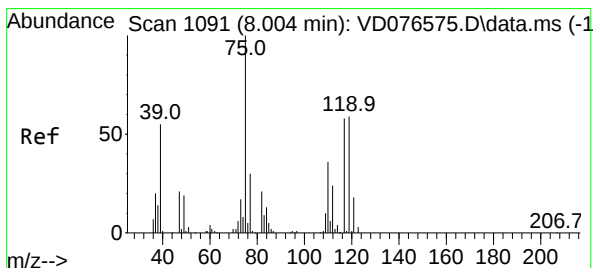
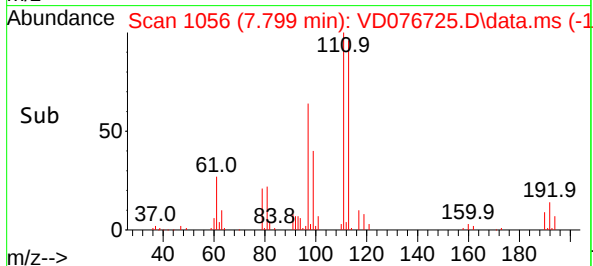
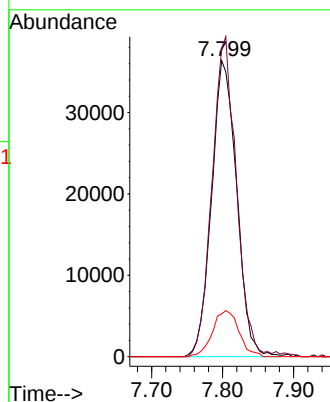
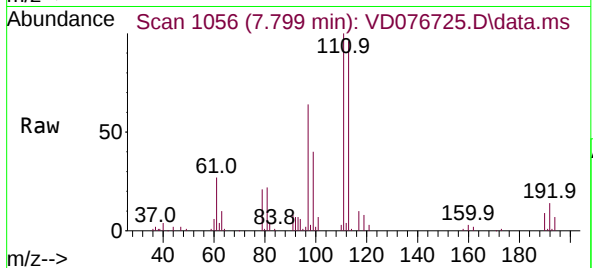
Ion	Ratio	Lower	Upper
113	100		
111	104.8	84.7	127.1
192	16.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#36

1,1-Dichloropropene

Concen: 23.024 ug/l

RT: 8.005 min Scan# 1091

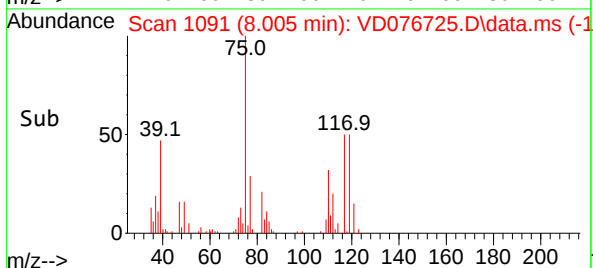
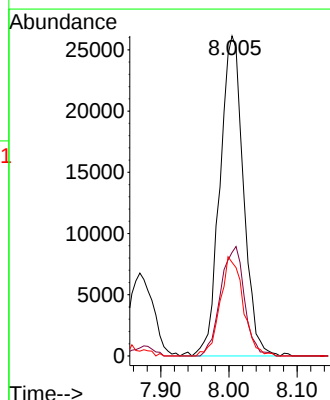
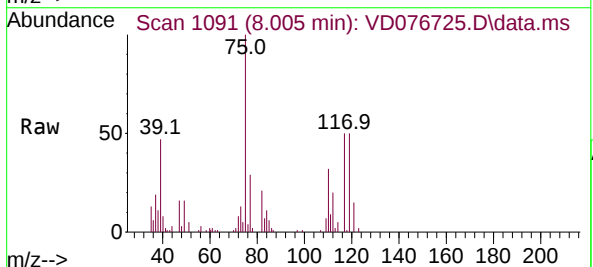
Delta R.T. -0.000 min

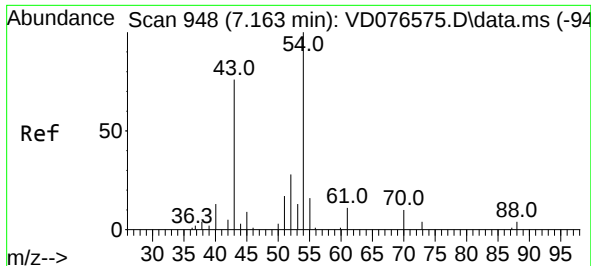
Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Tgt Ion: 75 Resp: 62785

Ion	Ratio	Lower	Upper
75	100		
110	34.7	19.9	59.6
77	30.3	24.7	37.1





#37

Ethyl Acetate

Concen: 17.679 ug/l

RT: 7.169 min Scan# 948

Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 43 Resp: 2793

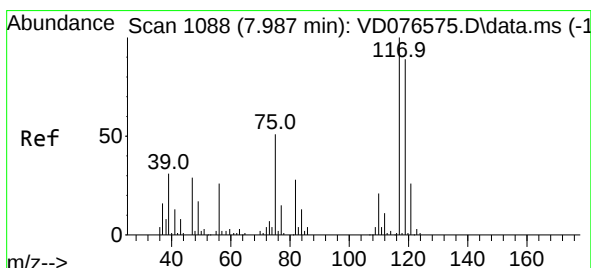
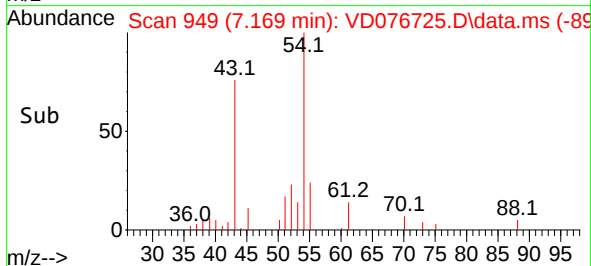
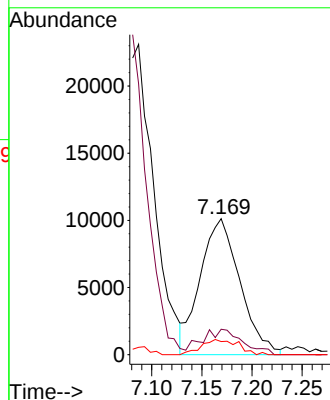
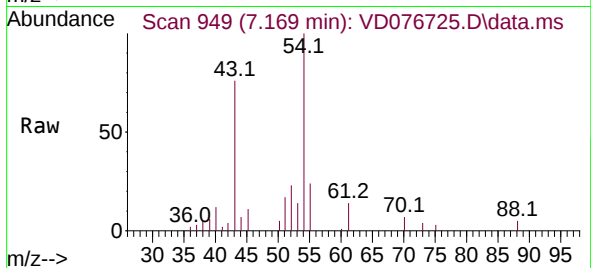
Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.9	22.3
70	10.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#38

Carbon Tetrachloride

Concen: 22.452 ug/l

RT: 7.987 min Scan# 1088

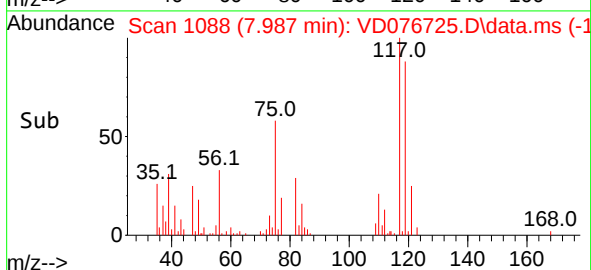
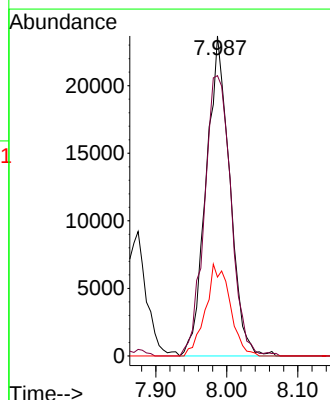
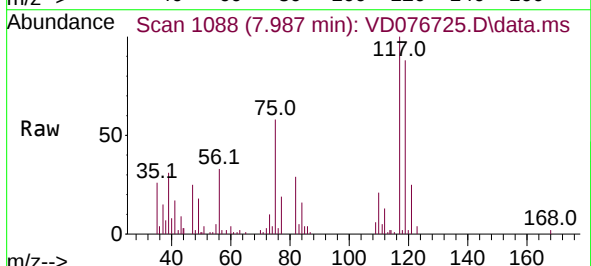
Delta R.T. -0.000 min

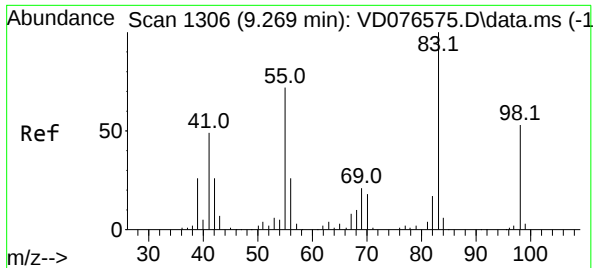
Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Tgt Ion:117 Resp: 54722

Ion	Ratio	Lower	Upper
117	100		
119	87.6	78.0	117.0
121	24.6	24.2	36.2





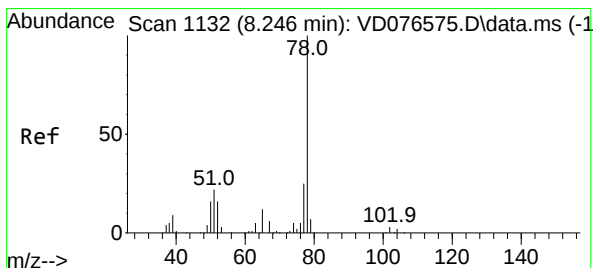
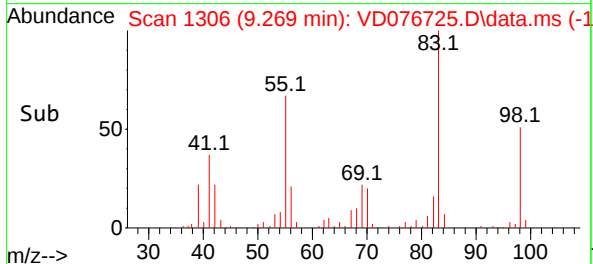
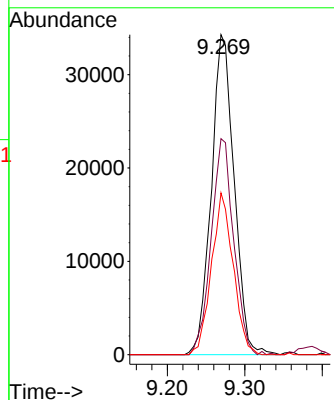
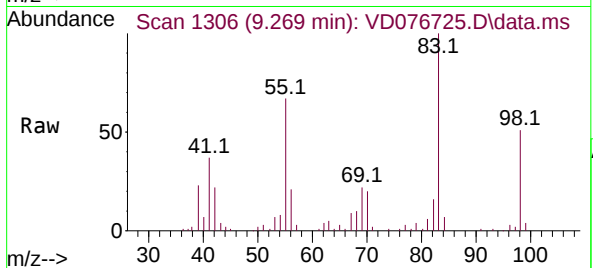
#39
Methylcyclohexane
Concen: 21.910 ug/l
RT: 9.269 min Scan# 1136
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 83 Resp: 70114
Ion Ratio Lower Upper
83 100
55 67.5 49.4 74.0
98 50.6 38.4 57.6

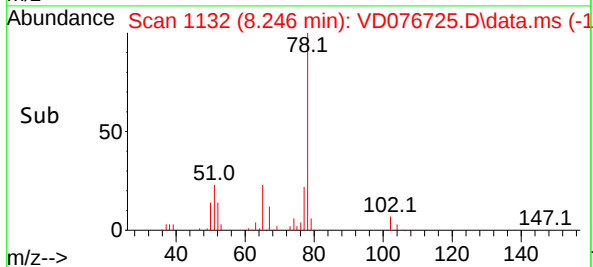
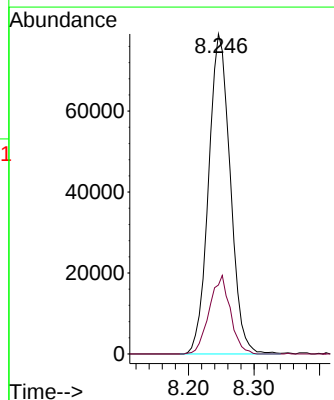
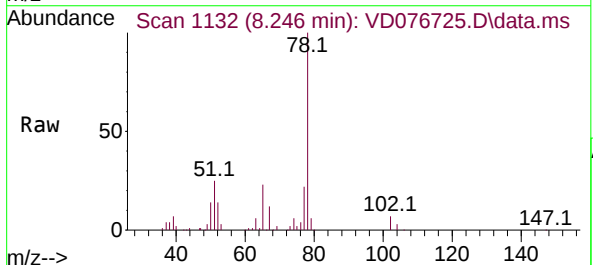
Manual Integrations
APPROVED

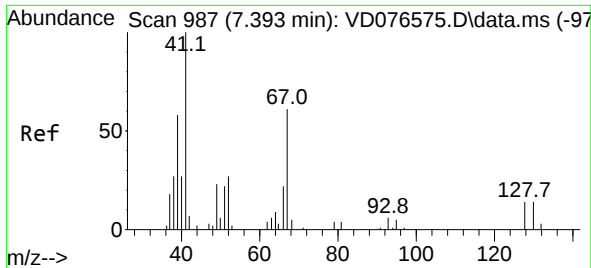
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#40
Benzene
Concen: 21.845 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

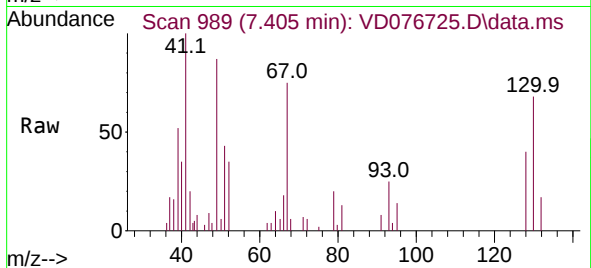
Tgt Ion: 78 Resp: 181659
Ion Ratio Lower Upper
78 100
77 21.6 19.4 29.0





#41
Methacrylonitrile
Concen: 17.788 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

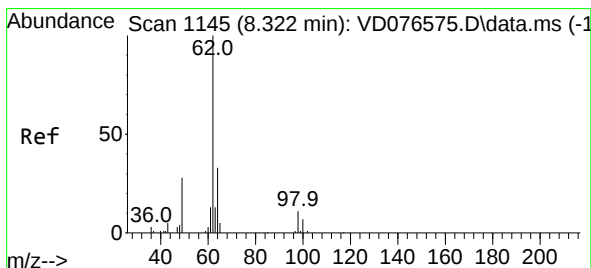
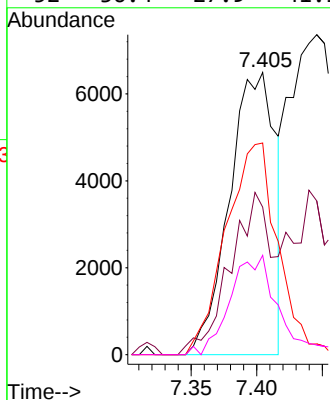
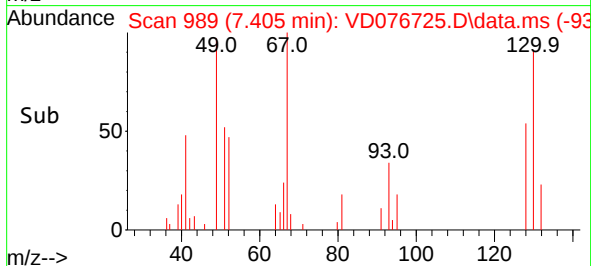
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 41 Resp: 15872
Ion Ratio Lower Upper
41 100
39 52.6 34.0 51.0
67 84.0 77.0 115.4
52 36.4 27.9 41.9

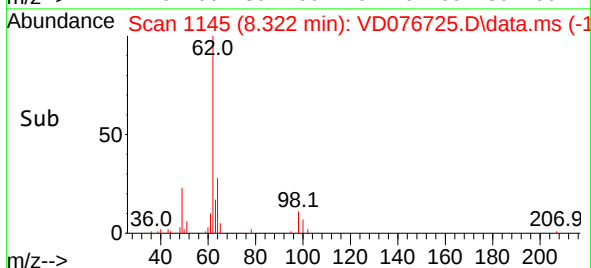
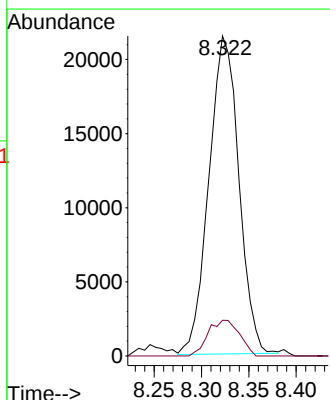
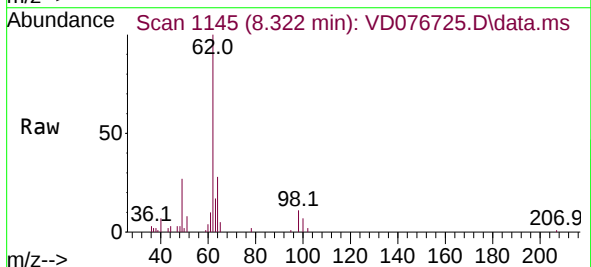
Manual Integrations
APPROVED

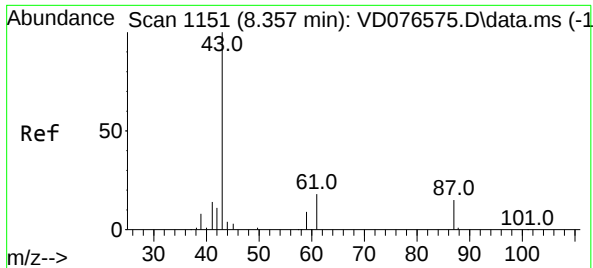
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#42
1,2-Dichloroethane
Concen: 21.027 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

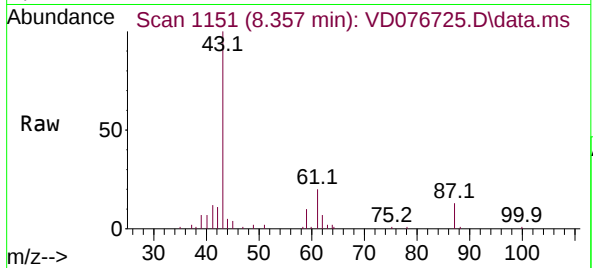
Tgt Ion: 62 Resp: 47248
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4





#43
Isopropyl Acetate
Concen: 17.268 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

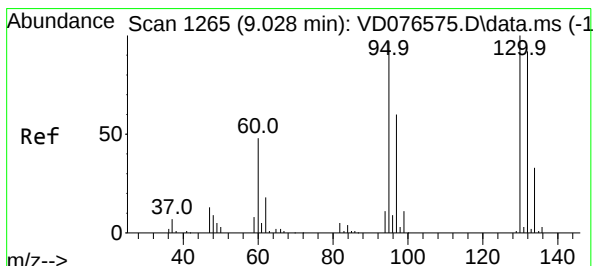
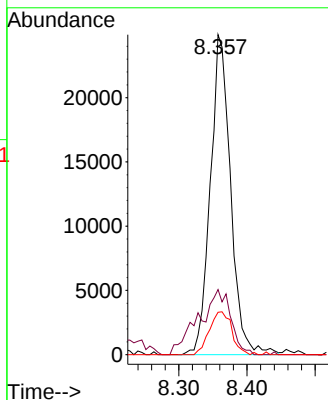
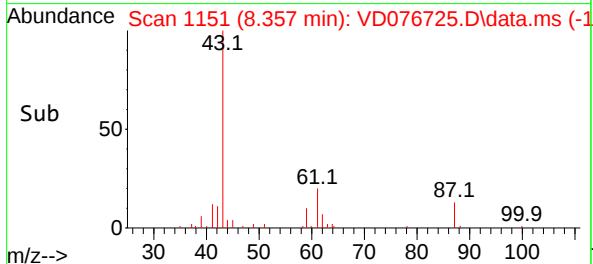
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 43 Resp: 51658
Ion Ratio Lower Upper
43 100
61 32.2 31.4 47.0
87 14.9 14.9 22.3

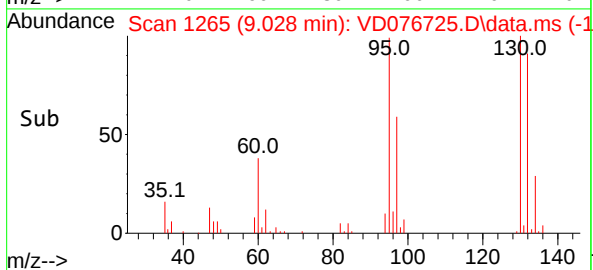
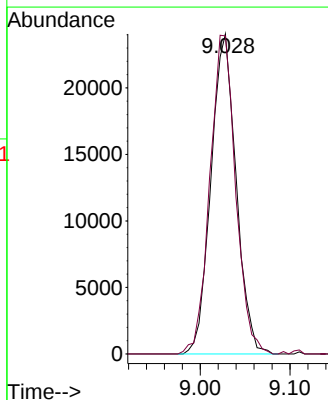
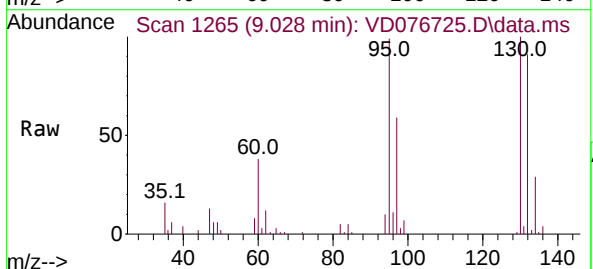
Manual Integrations
APPROVED

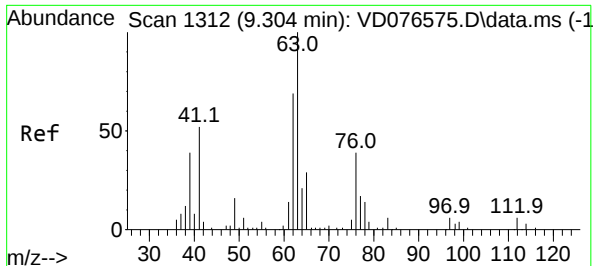
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#44
Trichloroethene
Concen: 20.891 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion:130 Resp: 46863
Ion Ratio Lower Upper
130 100
95 99.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.152 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 63 Resp: 47692

Ion Ratio Lower Upper

63 100

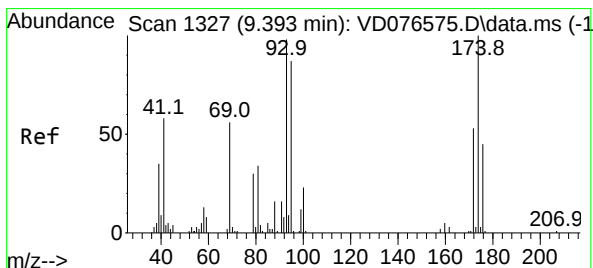
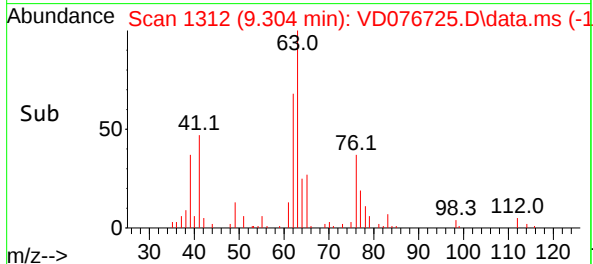
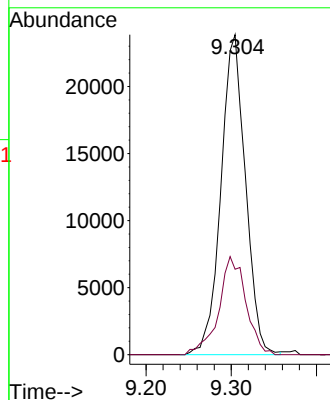
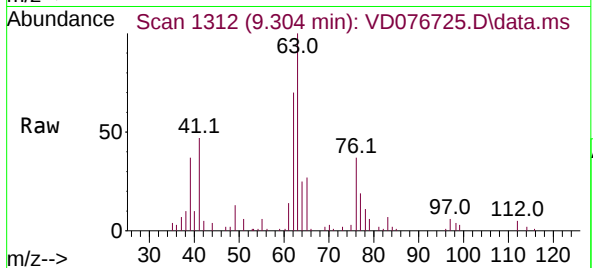
65 26.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#46

Dibromomethane

Concen: 21.983 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

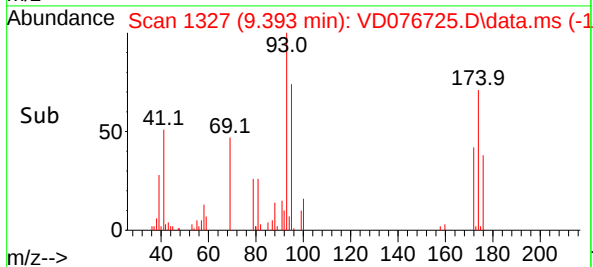
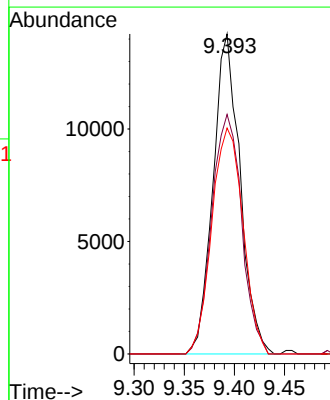
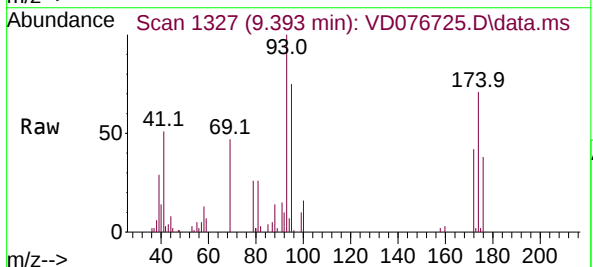
Tgt Ion: 93 Resp: 26552

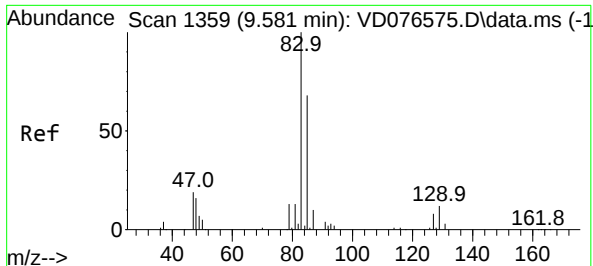
Ion Ratio Lower Upper

93 100

95 83.1 67.7 101.5

174 81.6 85.4 128.2#





#47

Bromodichloromethane

Concen: 22.633 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

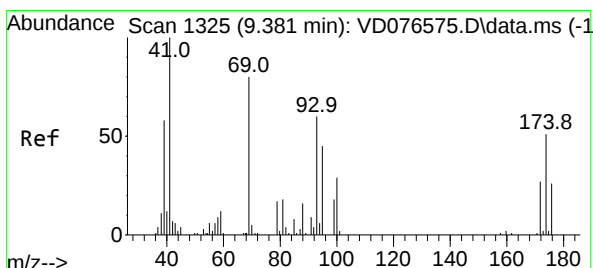
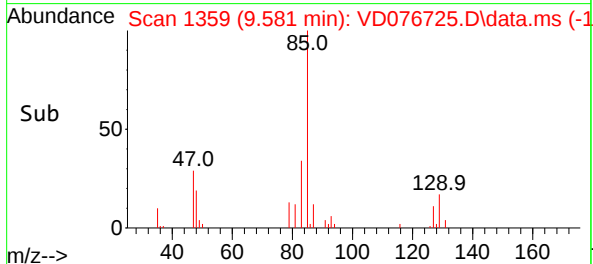
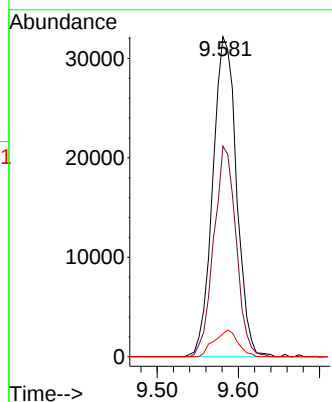
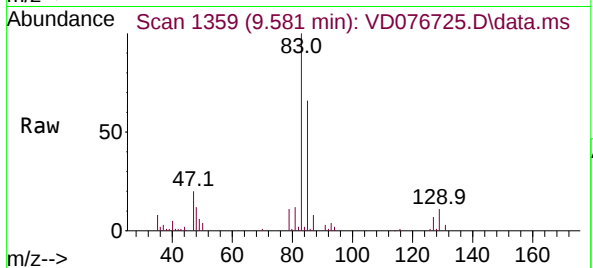
Tgt Ion:	83	Resp:	65419
Ion Ratio	Lower	Upper	
83	100		
85	65.8	50.2	75.4
127	7.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#48

Methyl methacrylate

Concen: 15.759 ug/l

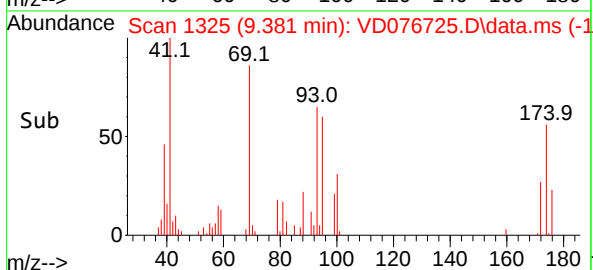
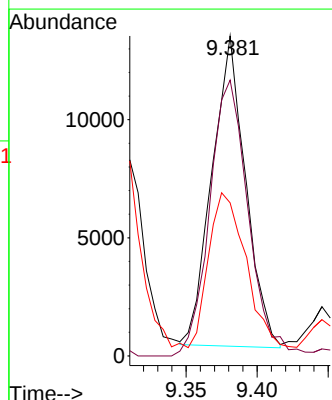
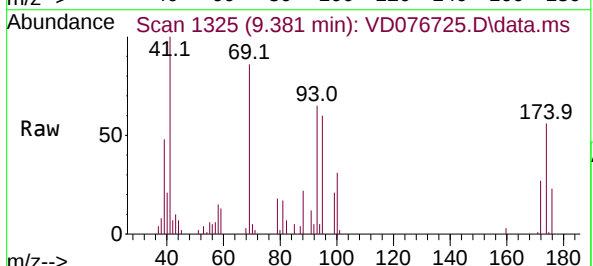
RT: 9.381 min Scan# 1325

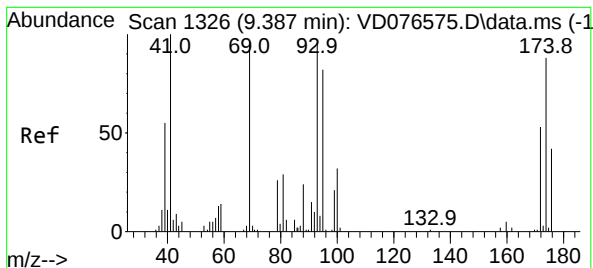
Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

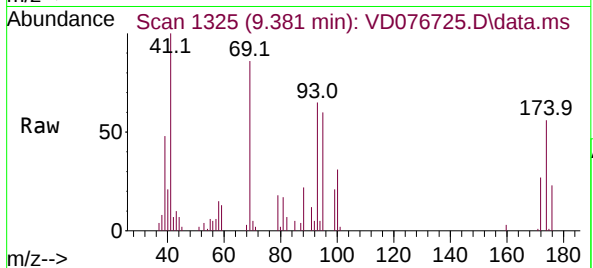
Tgt Ion:	41	Resp:	21608
Ion Ratio	Lower	Upper	
41	100		
69	102.1	102.2	153.2#
39	62.3	41.4	62.2#





#49
1,4-Dioxane
Concen: 439.549 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

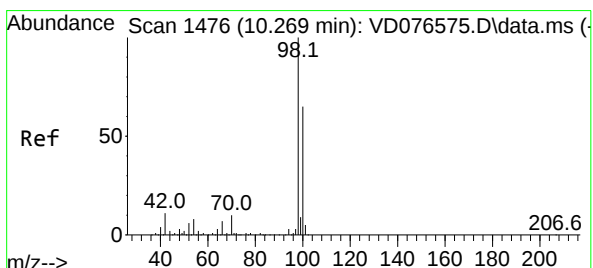
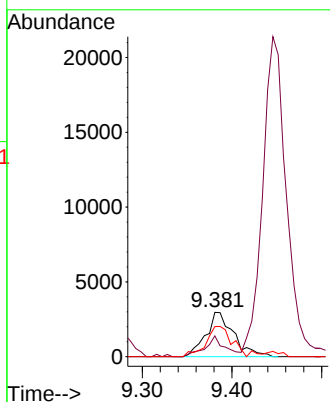
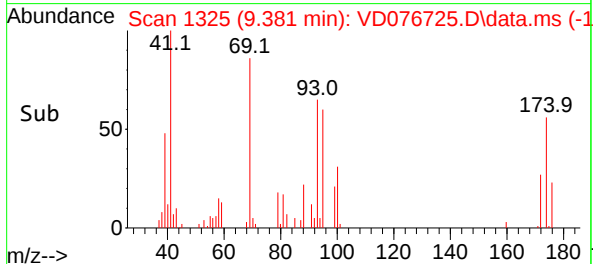
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 88 Resp: 636
Ion Ratio Lower Upper
88 100
43 33.3 19.0 28.6
58 62.4 43.5 65.3

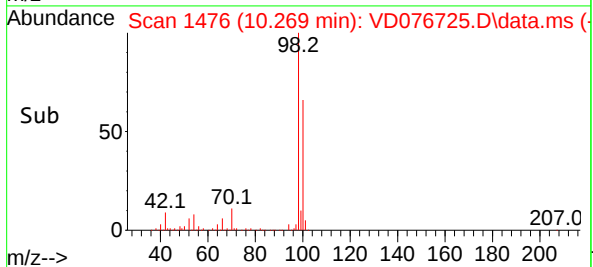
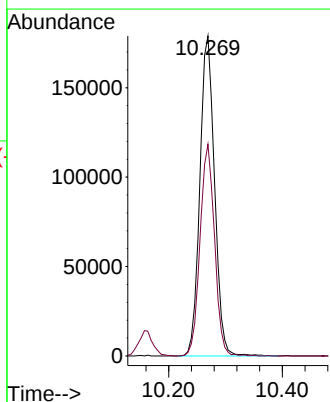
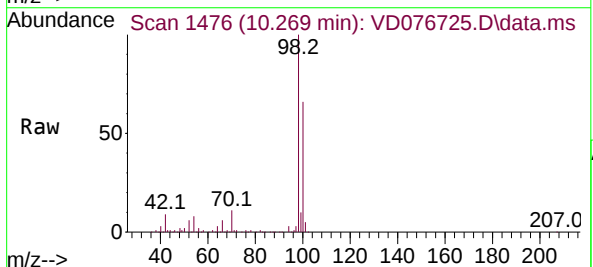
Manual Integrations
APPROVED

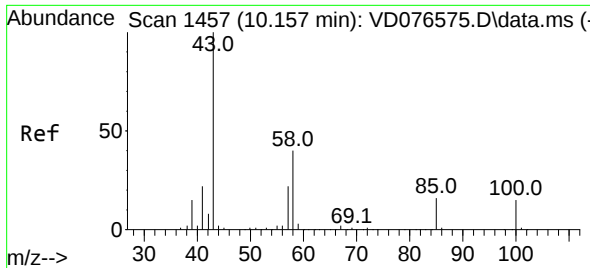
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#50
Toluene-d8
Concen: 43.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 98 Resp: 321325
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5





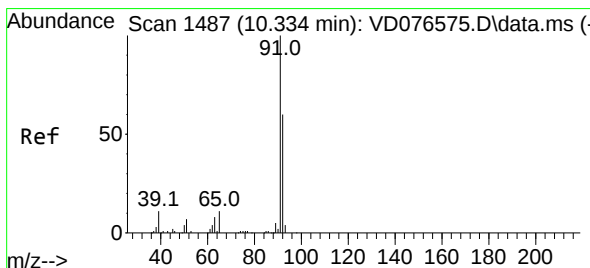
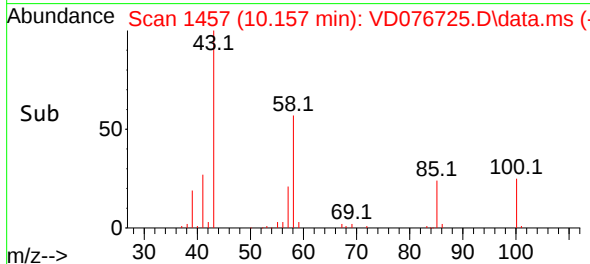
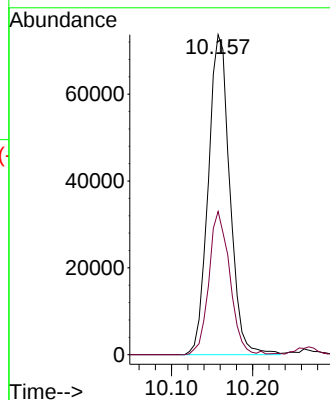
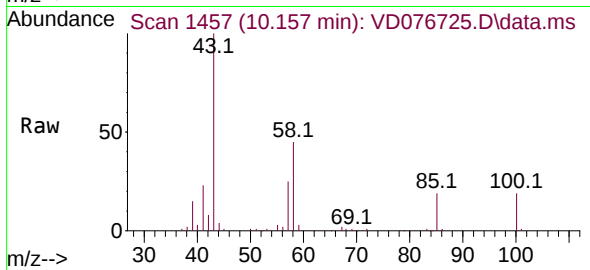
#51
4-Methyl-2-Pentanone
Concen: 88.804 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 43 Resp: 135800
Ion Ratio Lower Upper
43 100
58 43.6 38.9 58.3

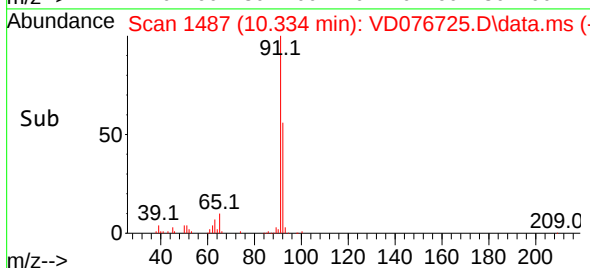
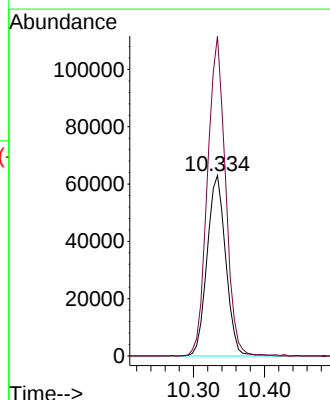
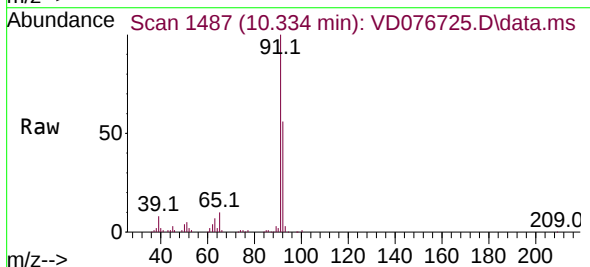
Manual Integrations
APPROVED

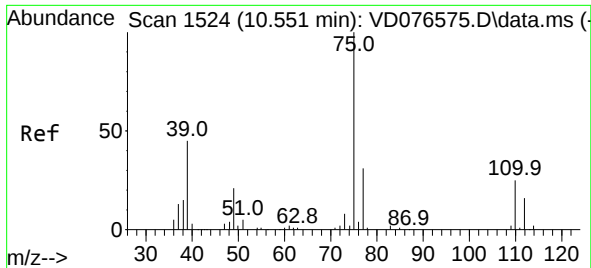
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#52
Toluene
Concen: 21.960 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 92 Resp: 114595
Ion Ratio Lower Upper
92 100
91 171.9 143.0 214.4





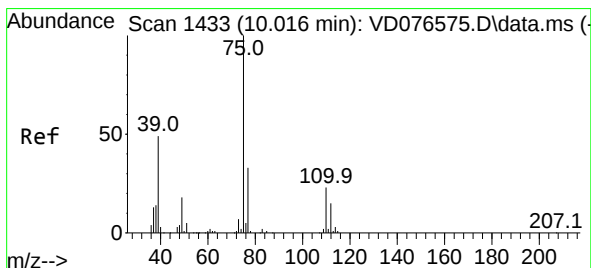
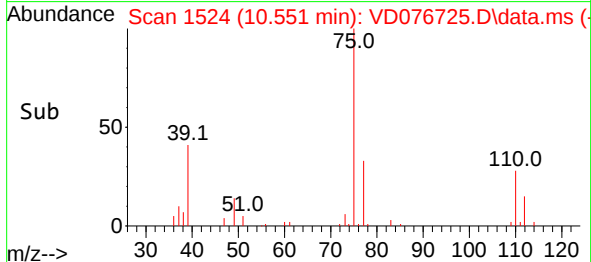
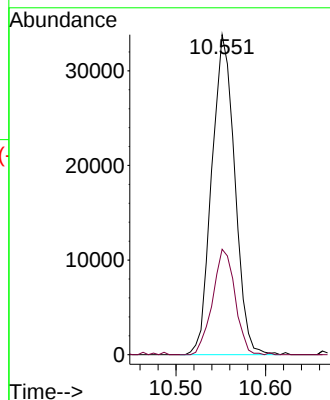
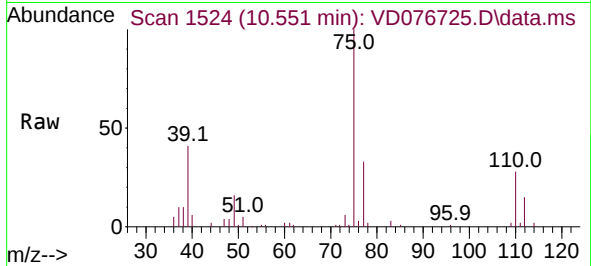
#53
 t-1,3-Dichloropropene
 Concen: 20.547 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076725.D
 Acq: 12 Jul 2023 11:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBSD01

Tgt Ion: 75 Resp: 6026
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9

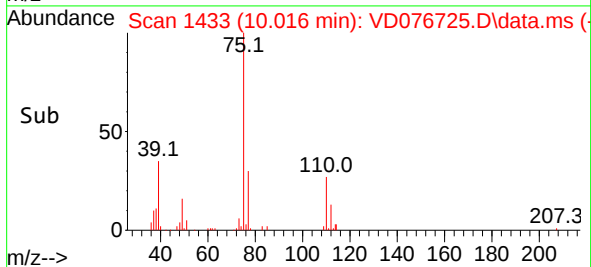
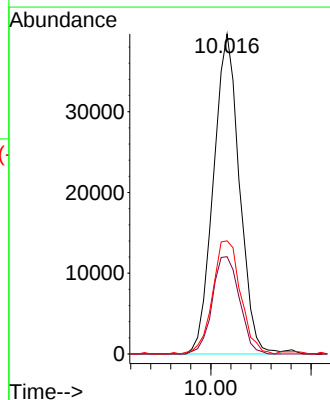
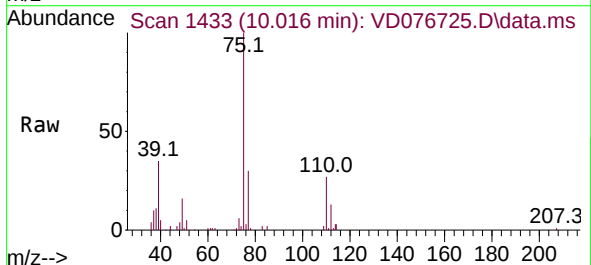
Manual Integrations
 APPROVED

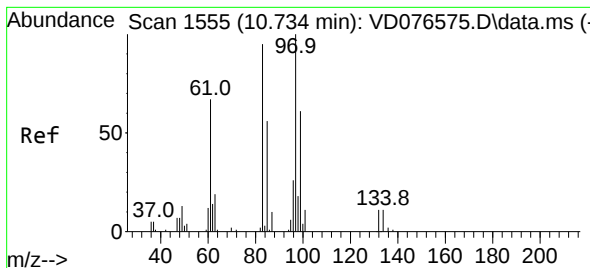
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.542 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076725.D
 Acq: 12 Jul 2023 11:17

Tgt Ion: 75 Resp: 71431
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.5 38.3
 39 35.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.316 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

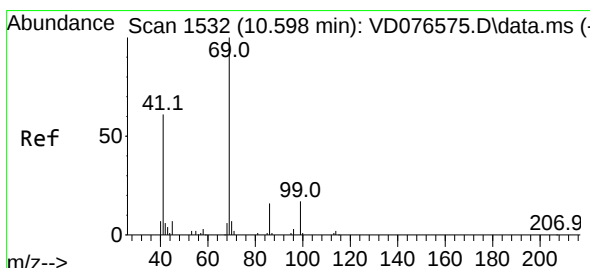
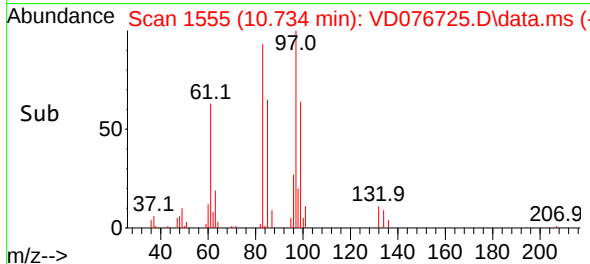
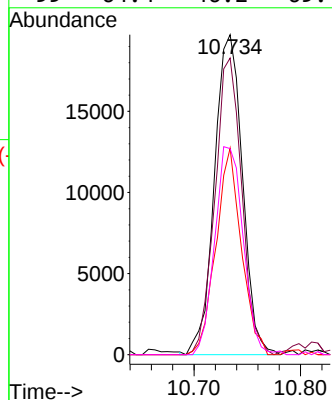
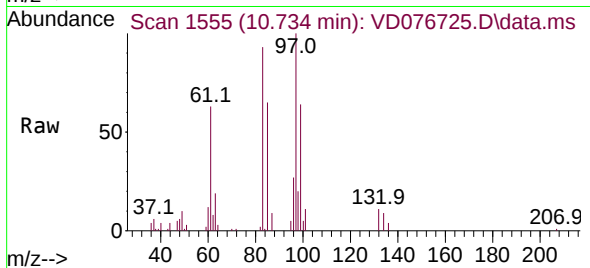
Tgt Ion:	97	Resp:	36014
Ion	Ratio	Lower	Upper
97	100		
83	92.7	65.8	98.6
85	64.6	45.7	68.5
99	64.4	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#56

Ethyl methacrylate

Concen: 19.305 ug/l

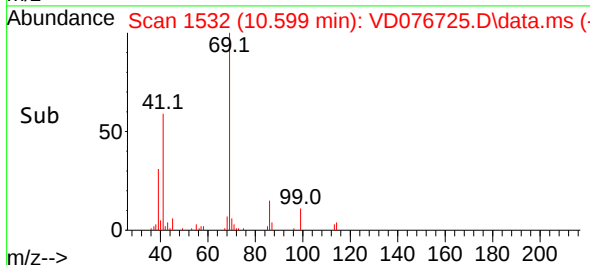
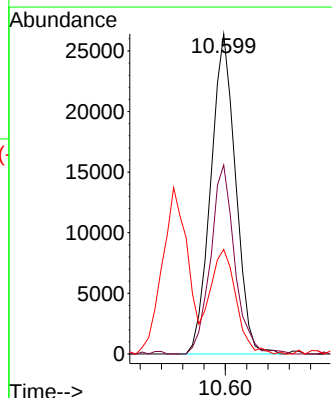
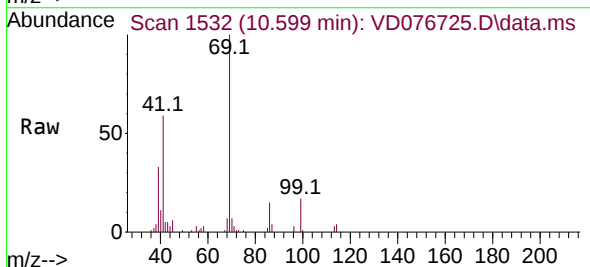
RT: 10.599 min Scan# 1532

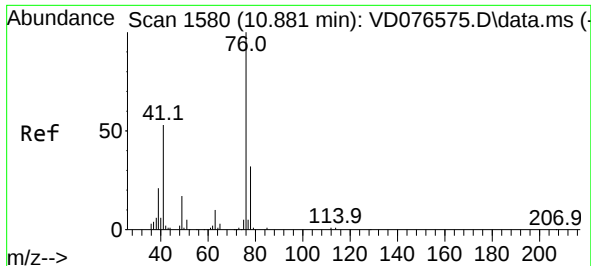
Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Tgt Ion:	69	Resp:	42588
Ion	Ratio	Lower	Upper
69	100		
41	57.7	39.1	58.7
39	34.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 21.885 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

Tgt Ion: 76 Resp: 63300

Ion Ratio Lower Upper

76 100

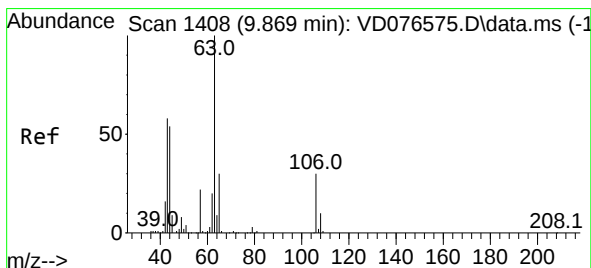
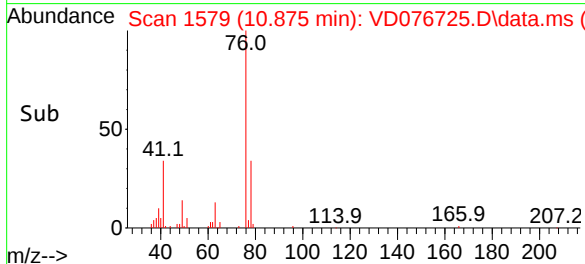
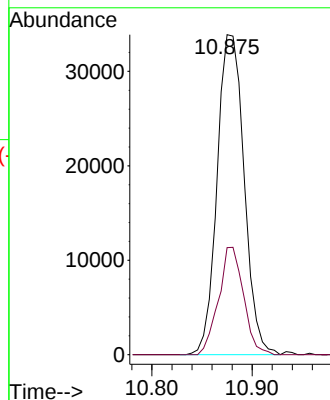
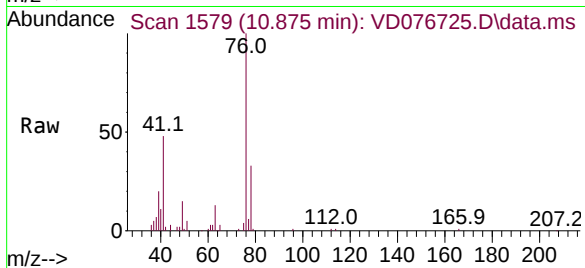
78 31.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.426 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076725.D

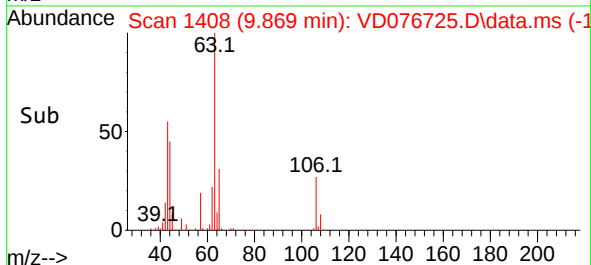
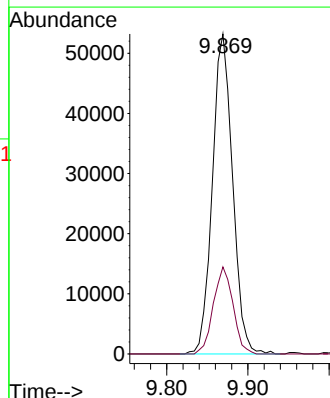
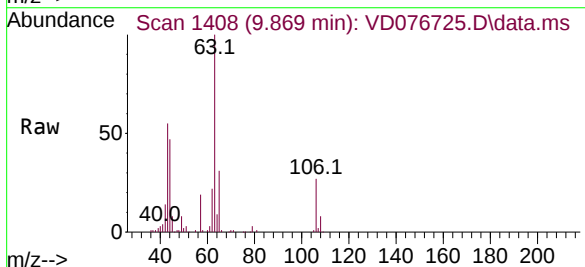
Acq: 12 Jul 2023 11:17

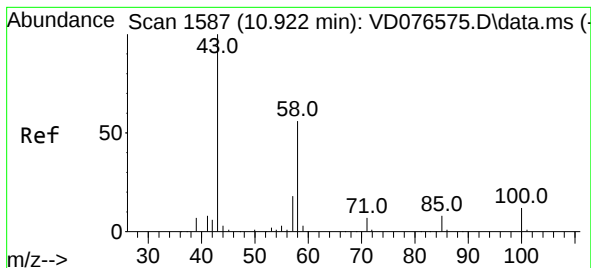
Tgt Ion: 63 Resp: 92054

Ion Ratio Lower Upper

63 100

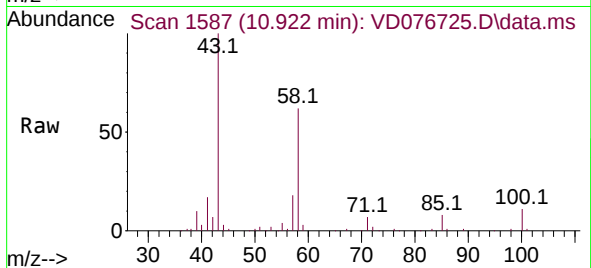
106 26.4 25.3 37.9





#59
2-Hexanone
Concen: 91.297 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

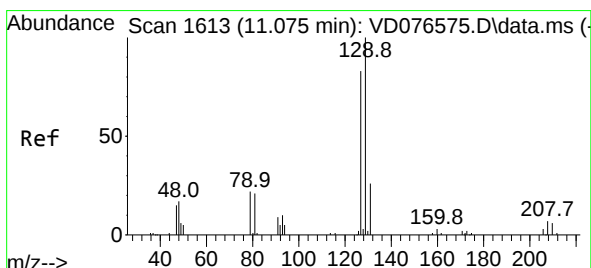
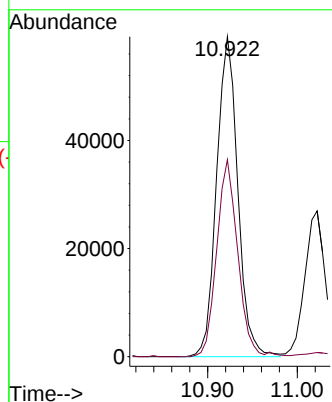
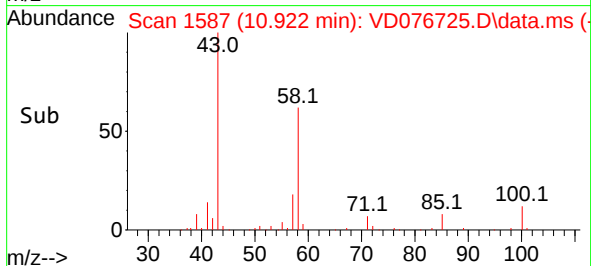
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 43 Resp: 97111
Ion Ratio Lower Upper
43 100
58 61.1 34.1 102.2

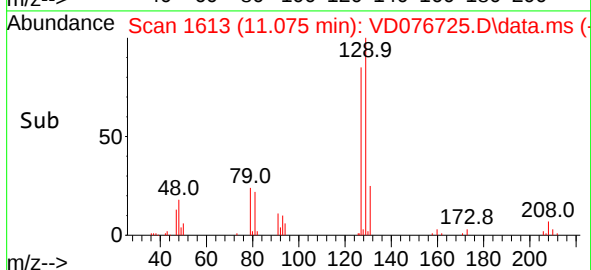
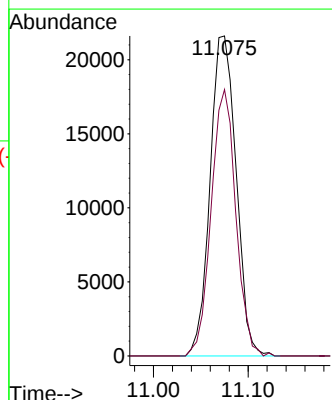
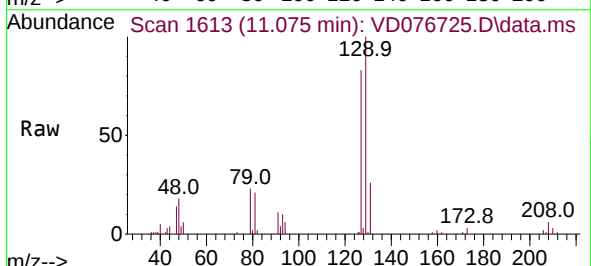
Manual Integrations
APPROVED

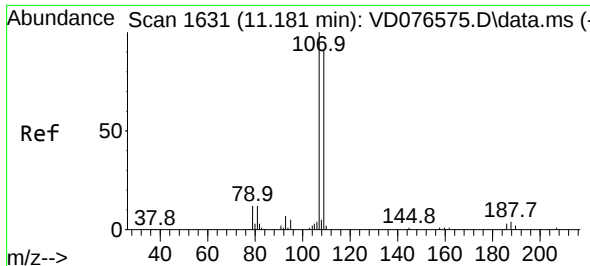
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#60
Dibromochloromethane
Concen: 21.013 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

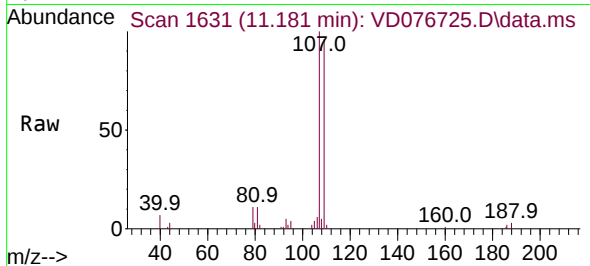
Tgt Ion:129 Resp: 41317
Ion Ratio Lower Upper
129 100
127 78.7 37.1 111.5





#61
1,2-Dibromoethane
Concen: 21.464 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

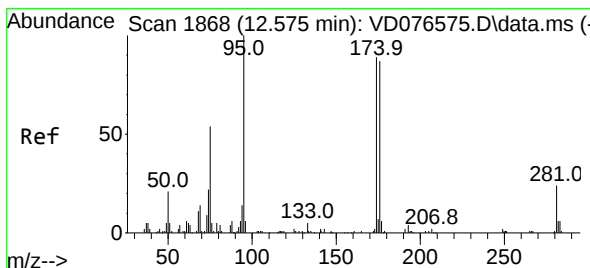
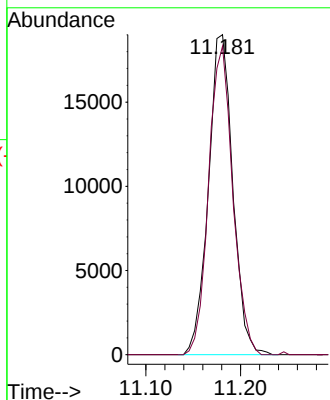
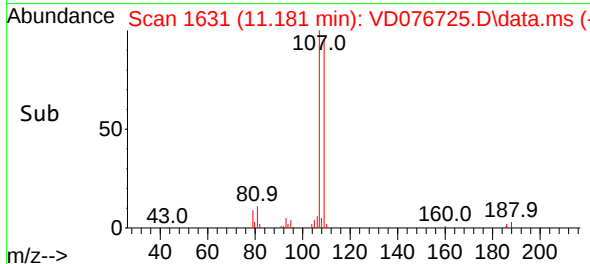
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



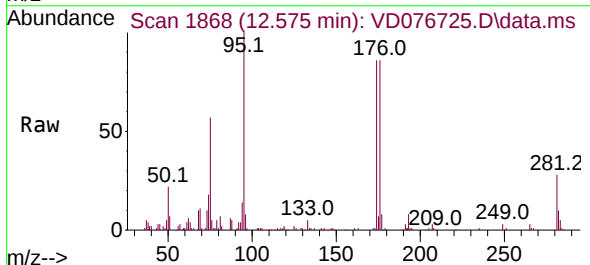
Tgt Ion:107 Resp: 3404
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

Manual Integrations
APPROVED

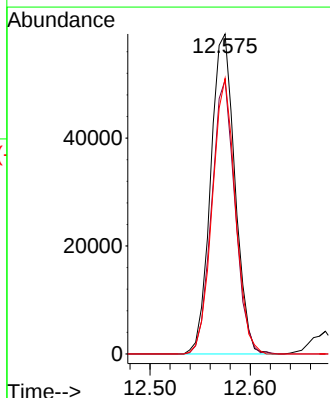
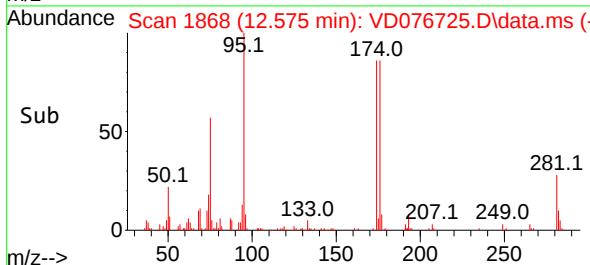
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

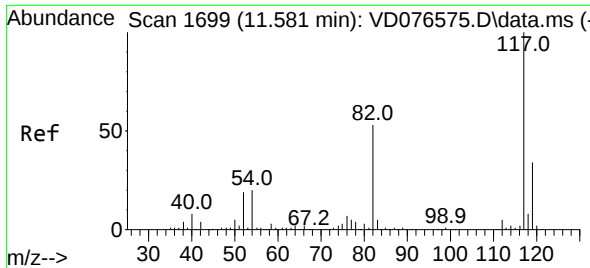


#62
4-Bromofluorobenzene
Concen: 41.579 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17



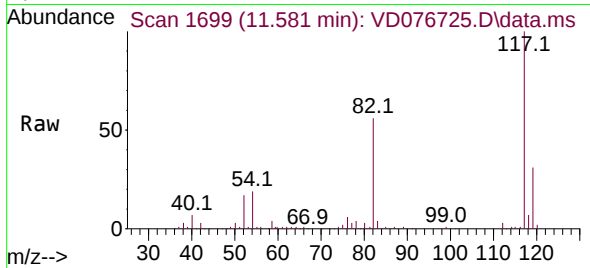
Tgt Ion: 95 Resp: 99654
Ion Ratio Lower Upper
95 100
174 82.1 0.0 201.8
176 82.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

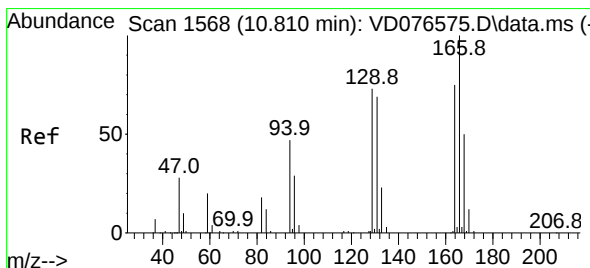
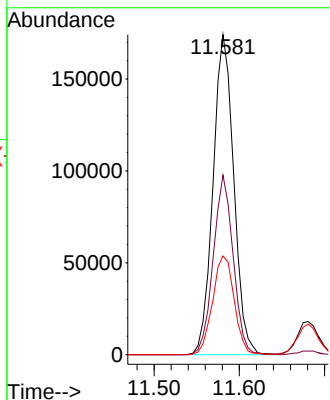
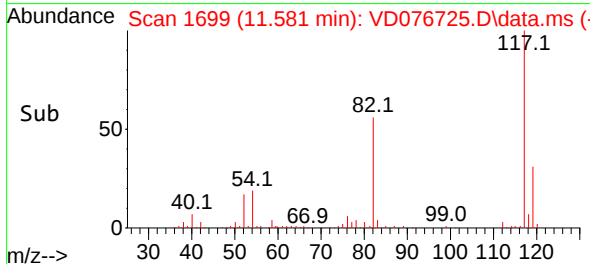
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion:117 Resp: 29398
Ion Ratio Lower Upper
117 100
82 56.1 38.3 57.5
119 30.9 25.0 37.4

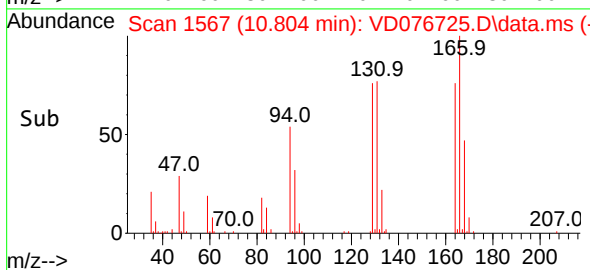
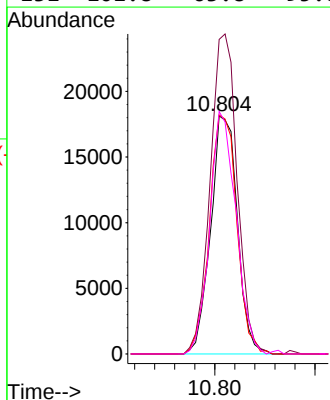
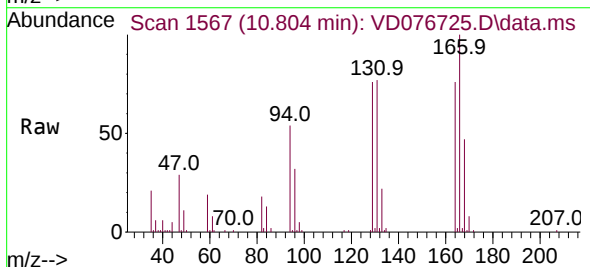
Manual Integrations
APPROVED

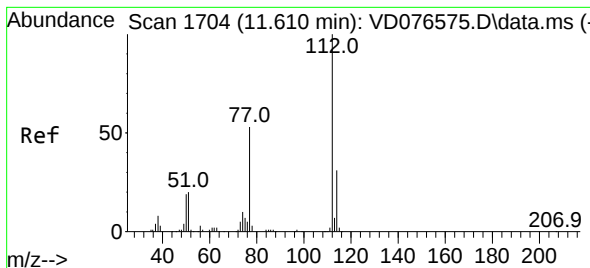
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#64
Tetrachloroethene
Concen: 18.936 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion:164 Resp: 33415
Ion Ratio Lower Upper
164 100
166 132.1 99.2 148.8
129 100.4 68.4 102.6
131 101.8 63.8 95.8#





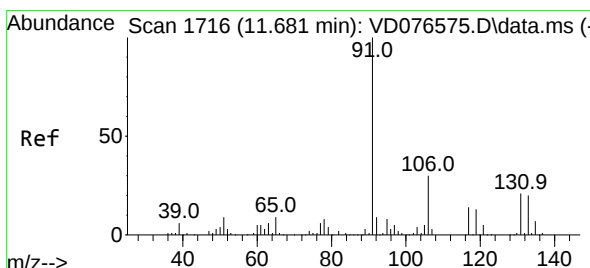
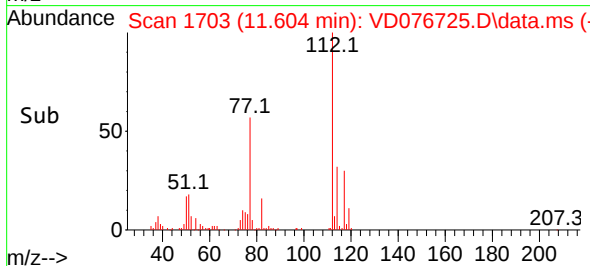
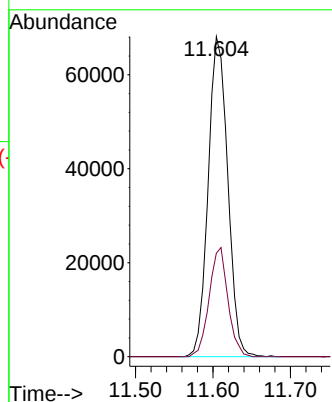
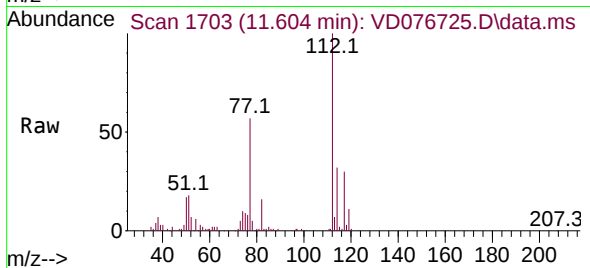
#65
Chlorobenzene
Concen: 21.434 ug/l
RT: 11.604 min Scan# 11714
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion:112 Resp: 119714
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7

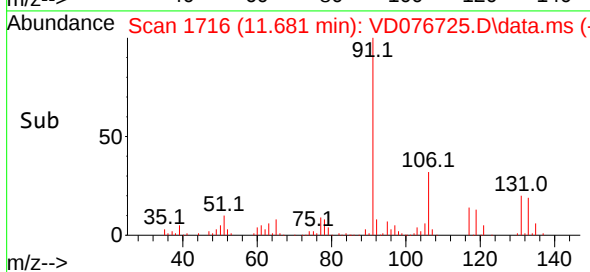
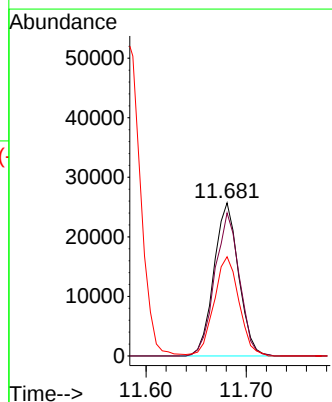
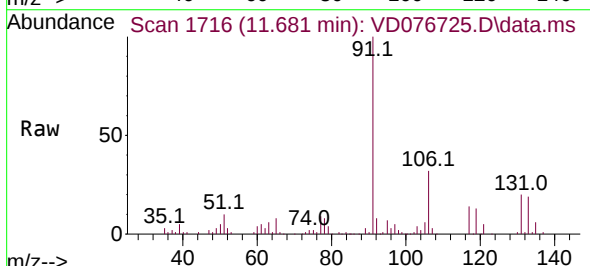
Manual Integrations
APPROVED

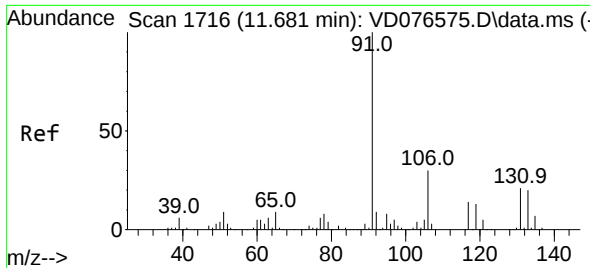
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.995 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion:131 Resp: 43932
Ion Ratio Lower Upper
131 100
133 92.9 48.5 145.5
119 65.7 35.6 106.9





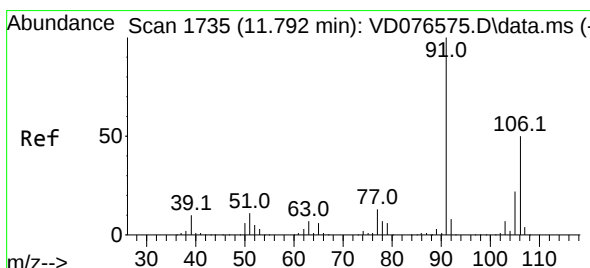
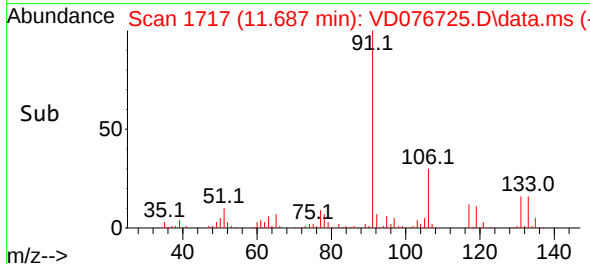
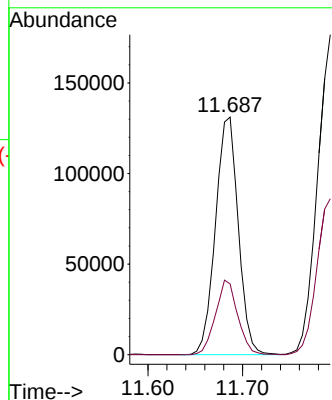
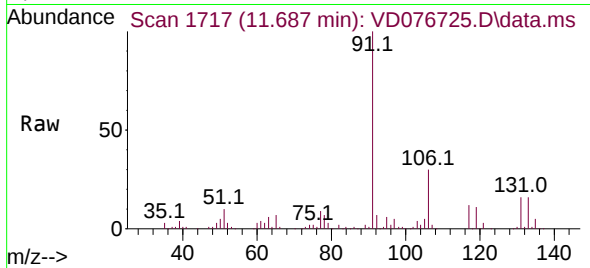
#67
Ethyl Benzene
Concen: 22.185 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 91 Resp: 21955
Ion Ratio Lower Upper
91 100
106 29.8 26.5 39.7

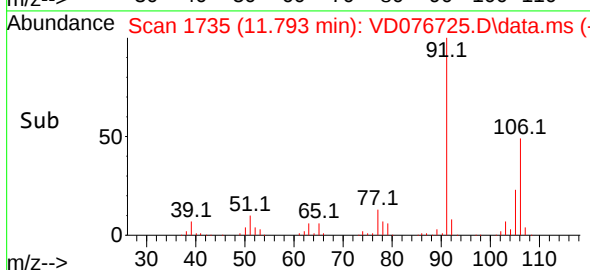
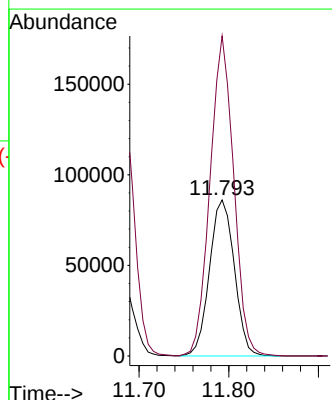
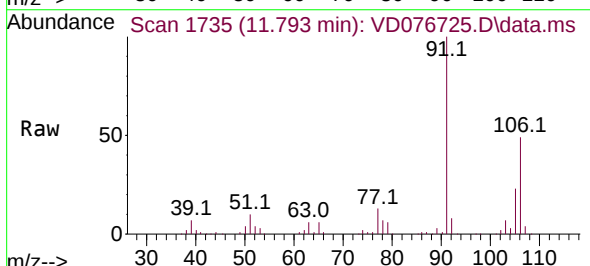
Manual Integrations
APPROVED

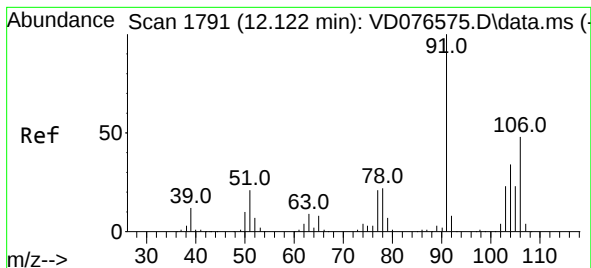
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#68
m/p-Xylenes
Concen: 42.873 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion:106 Resp: 165623
Ion Ratio Lower Upper
106 100
91 195.8 147.0 220.6





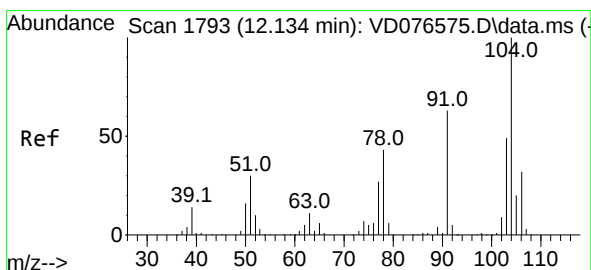
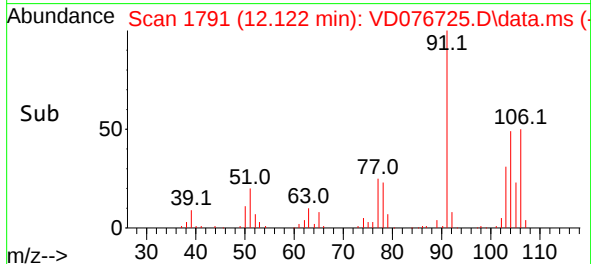
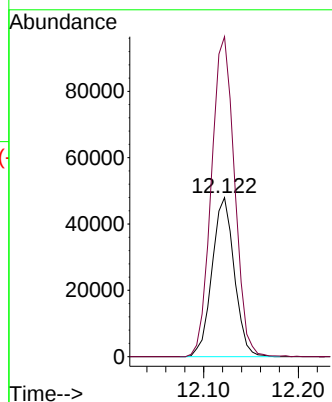
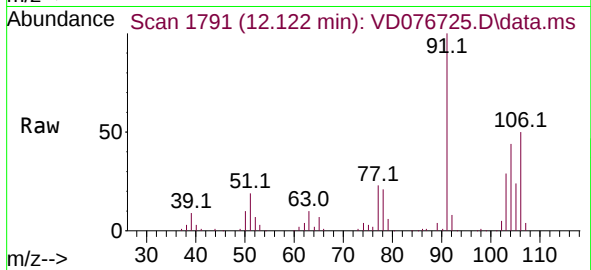
#69
o-Xylene
Concen: 21.241 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion:106 Resp: 7811
Ion Ratio Lower Upper
106 100
91 209.8 97.9 293.6

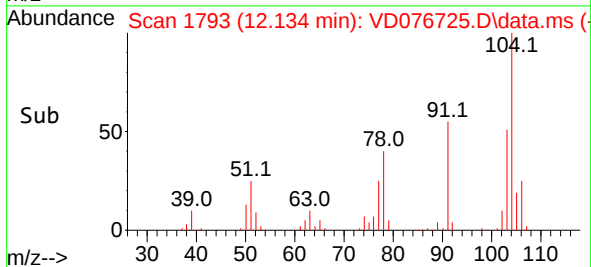
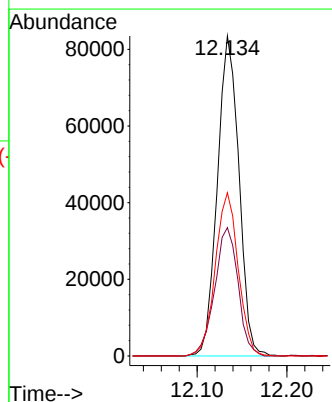
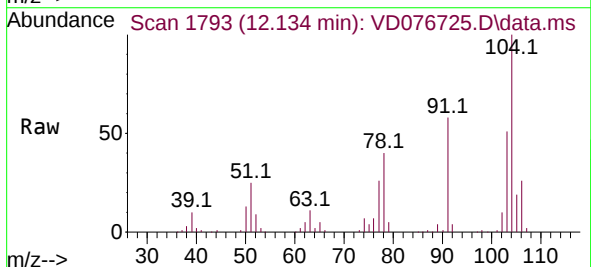
Manual Integrations
APPROVED

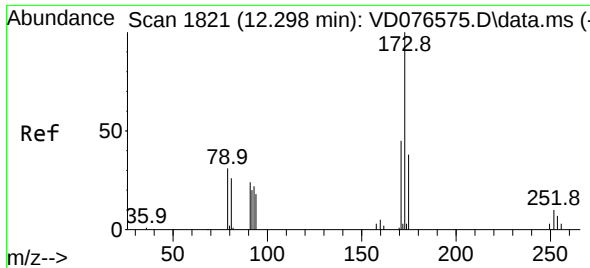
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#70
Styrene
Concen: 21.938 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

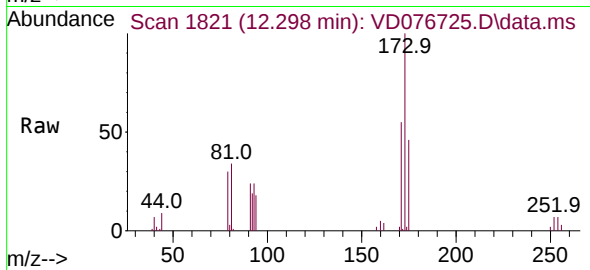
Tgt Ion:104 Resp: 139357
Ion Ratio Lower Upper
104 100
78 43.3 33.2 49.8
103 54.2 43.6 65.4





#71
Bromoform
Concen: 19.553 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

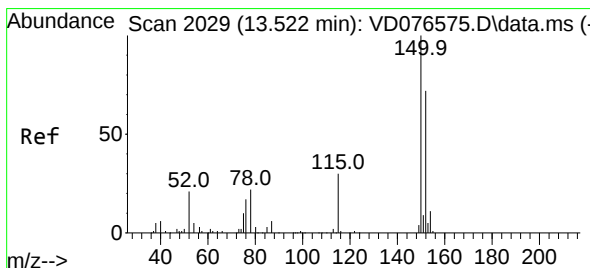
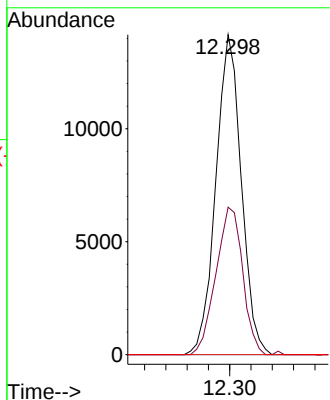
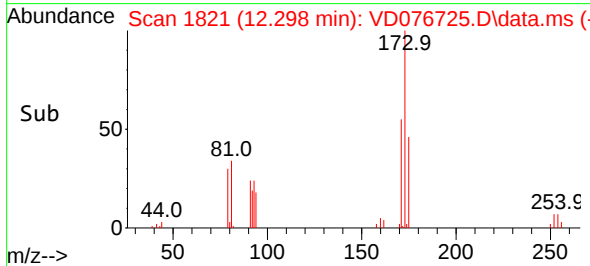
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



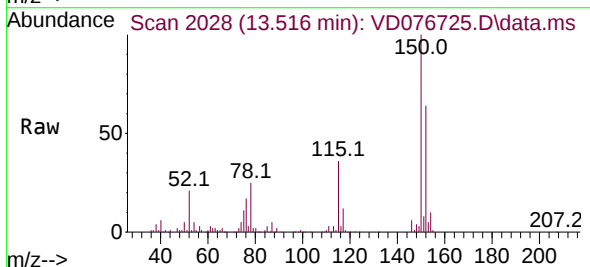
Tgt Ion:173 Resp: 23450
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

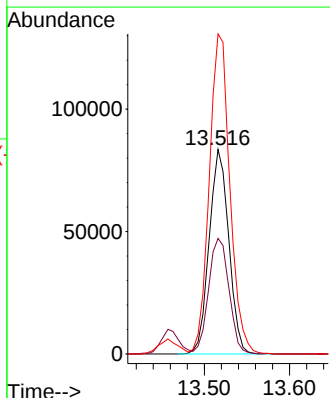
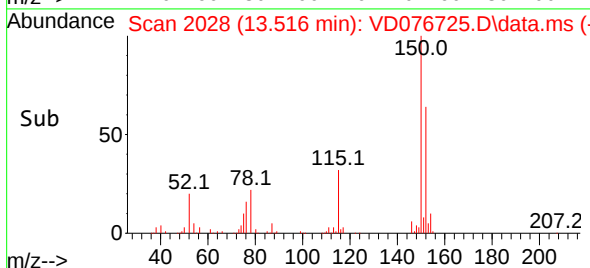
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

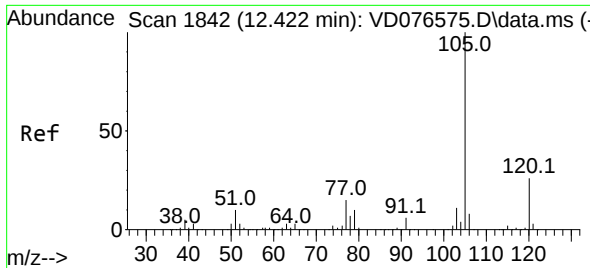


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17



Tgt Ion:152 Resp: 134006
Ion Ratio Lower Upper
152 100
115 58.6 27.1 81.3
150 164.4 0.0 353.6





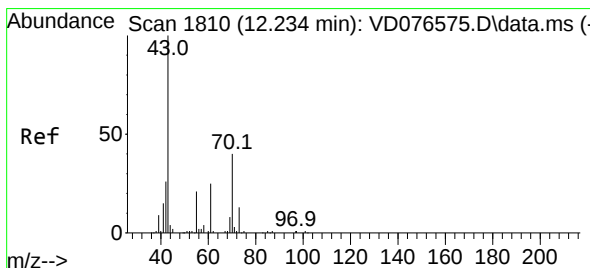
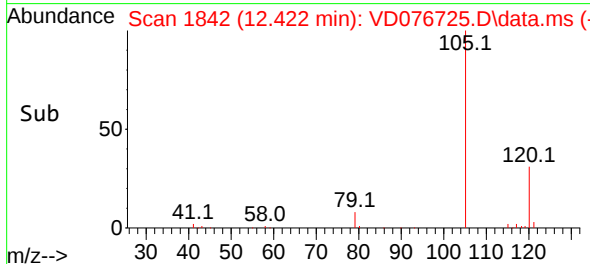
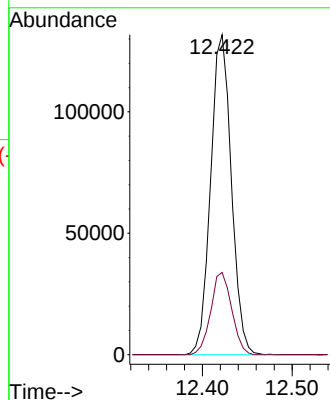
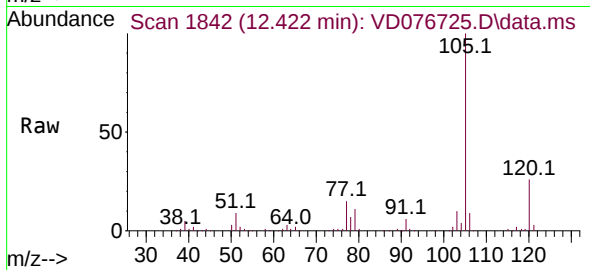
#73
Isopropylbenzene
Concen: 23.411 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion:105 Resp: 21122
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9

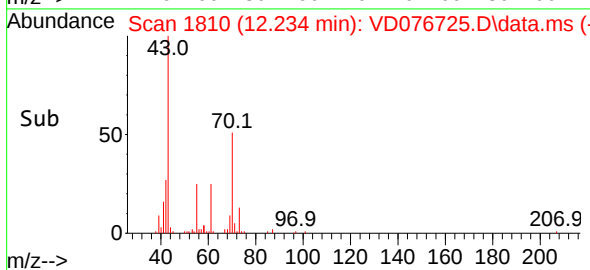
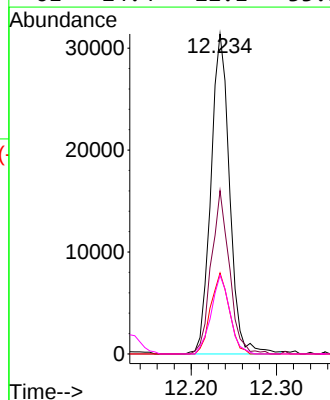
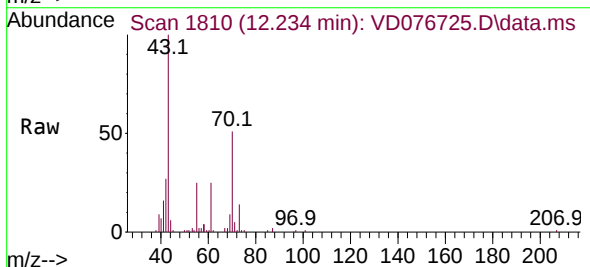
Manual Integrations
APPROVED

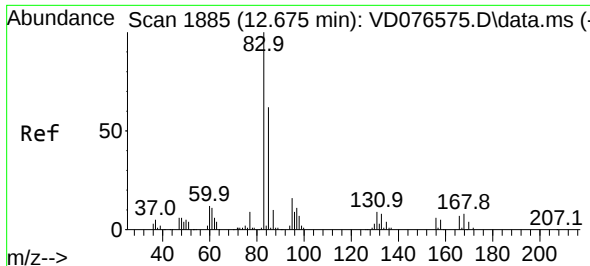
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#74
N-ethyl acetate
Concen: 18.124 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

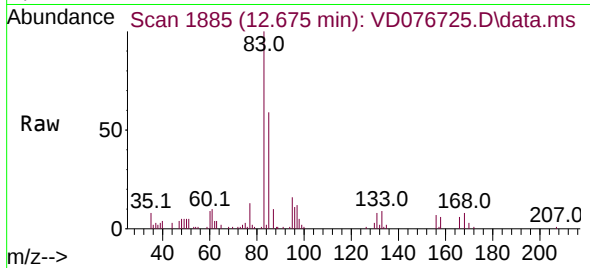
Tgt Ion: 43 Resp: 47871
Ion Ratio Lower Upper
43 100
70 49.7 45.0 67.4
55 25.1 23.8 35.6
61 24.4 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 24.087 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

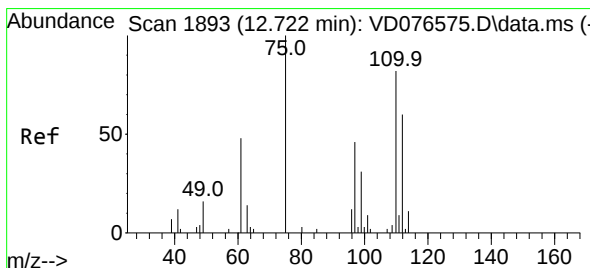
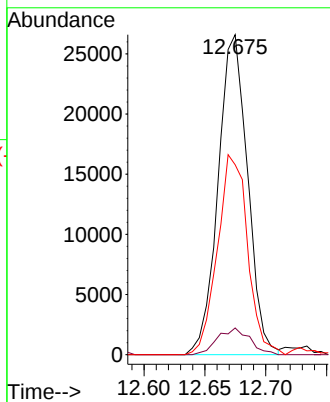
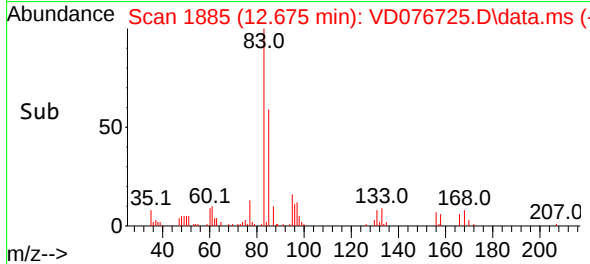
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 83 Resp: 44844
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 63.7 32.6 97.8

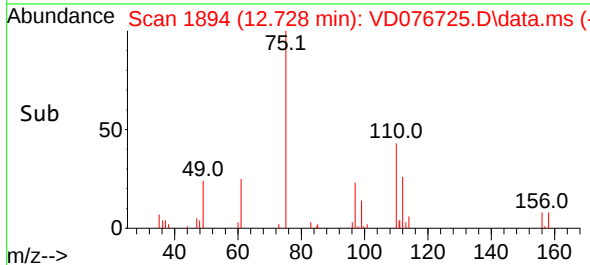
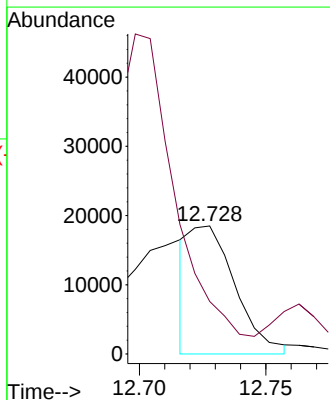
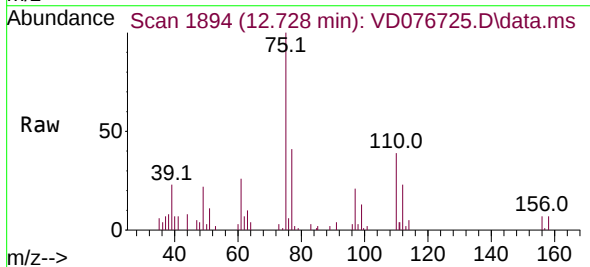
Manual Integrations
APPROVED

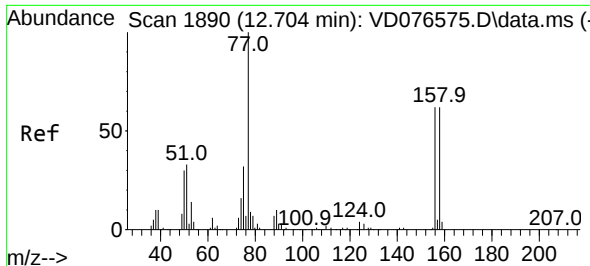
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#76
1,2,3-Trichloropropane
Concen: 17.479 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 75 Resp: 23247
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





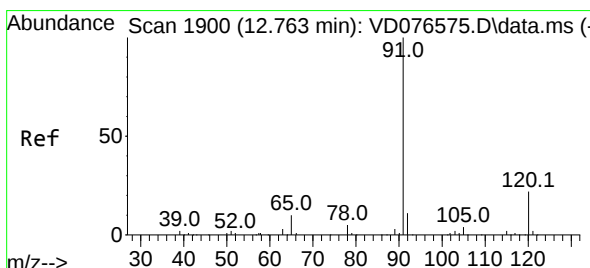
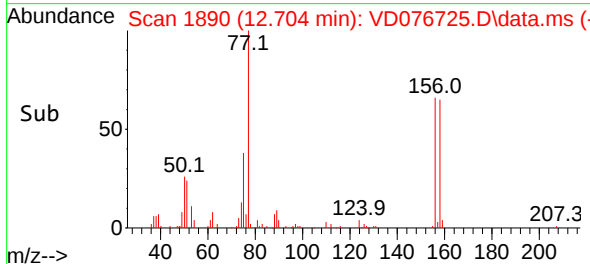
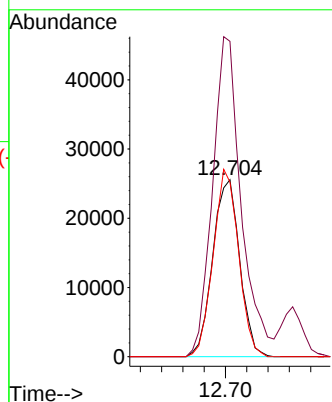
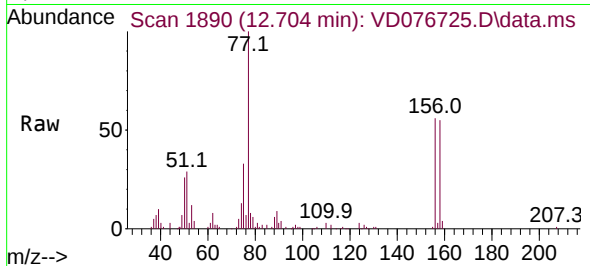
#77
Bromobenzene
Concen: 20.220 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion:156 Resp: 4500
Ion Ratio Lower Upper
156 100
77 191.8 76.8 230.4
158 99.4 48.6 145.9

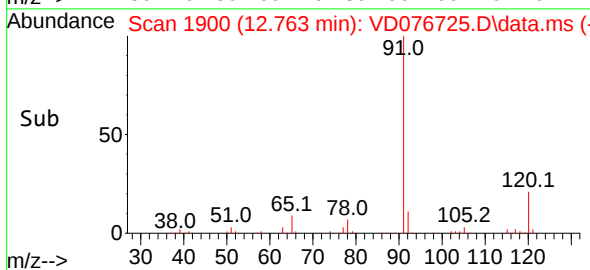
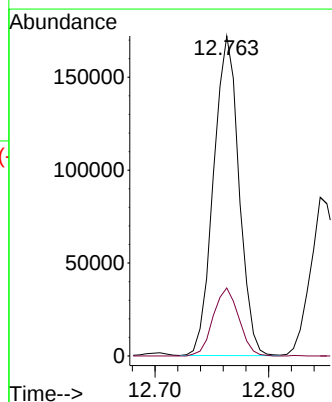
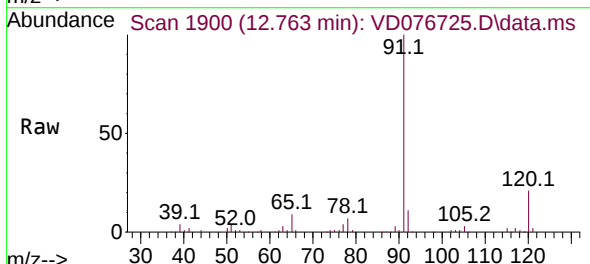
Manual Integrations
APPROVED

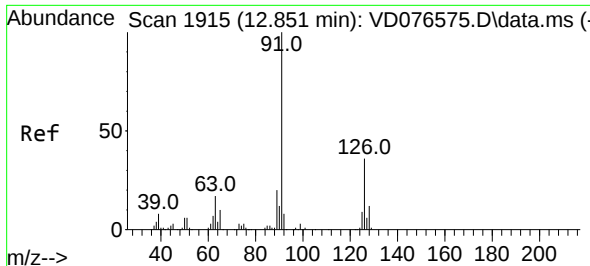
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#78
n-propylbenzene
Concen: 24.030 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 91 Resp: 267702
Ion Ratio Lower Upper
91 100
120 21.4 12.4 37.2





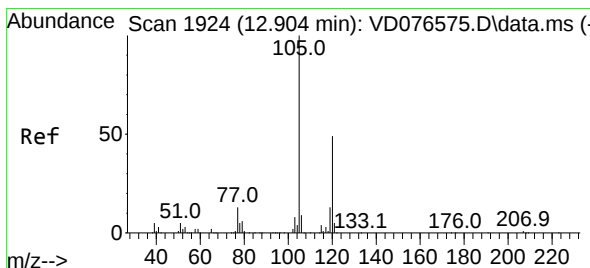
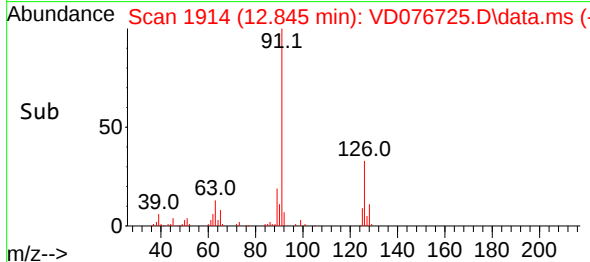
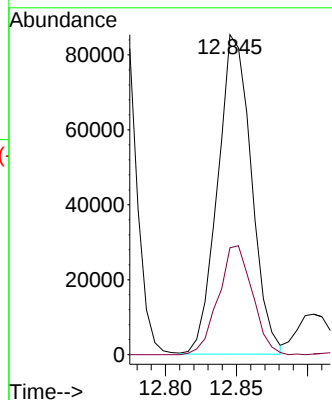
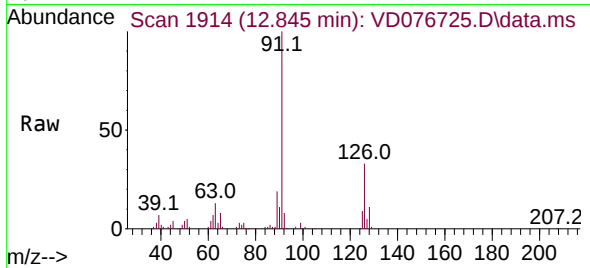
#79
2-Chlorotoluene
Concen: 23.049 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 91 Resp: 14100
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.1

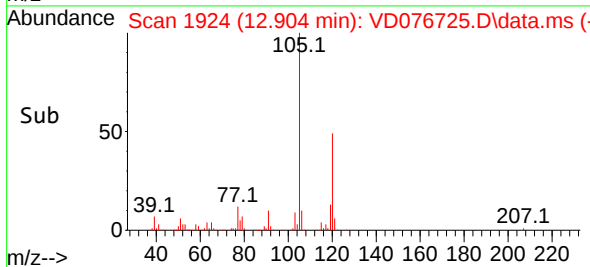
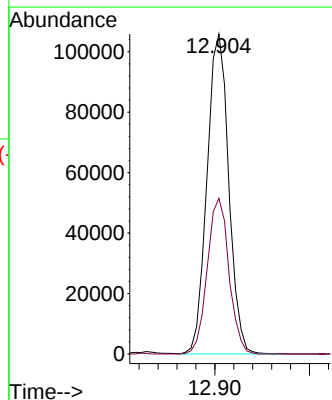
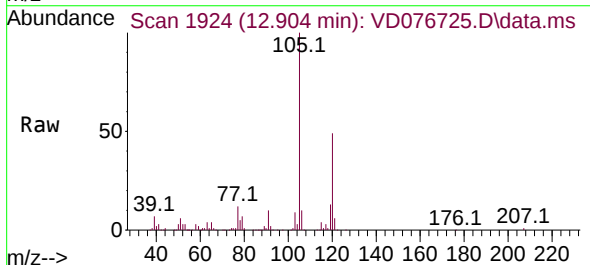
Manual Integrations
APPROVED

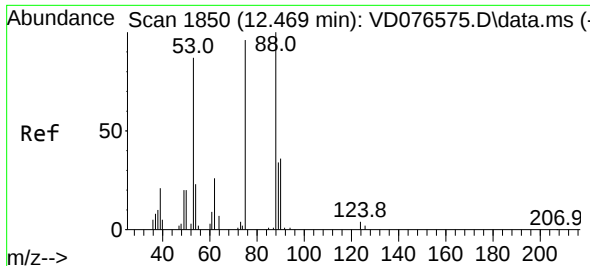
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.894 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

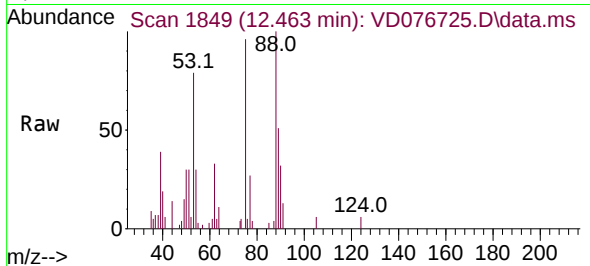
Tgt Ion:105 Resp: 168685
Ion Ratio Lower Upper
105 100
120 48.5 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.777 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

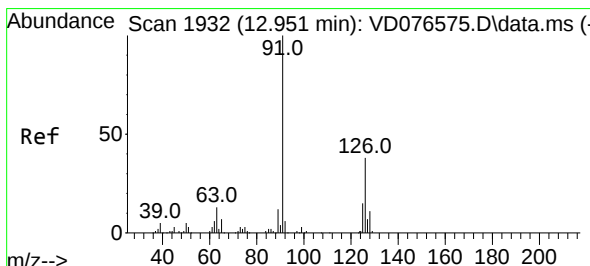
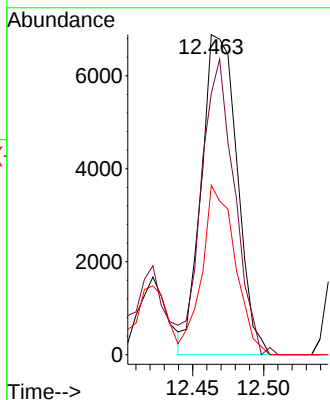
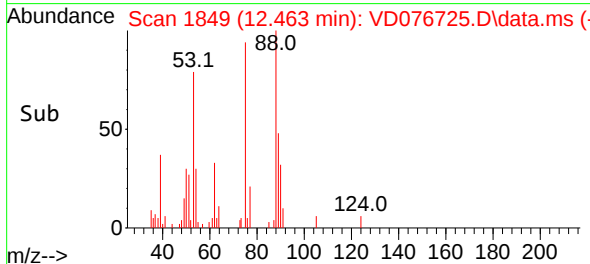
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



Tgt Ion: 75 Resp: 12004
Ion Ratio Lower Upper
75 100
53 85.8 63.0 94.4
89 49.4 37.9 56.9

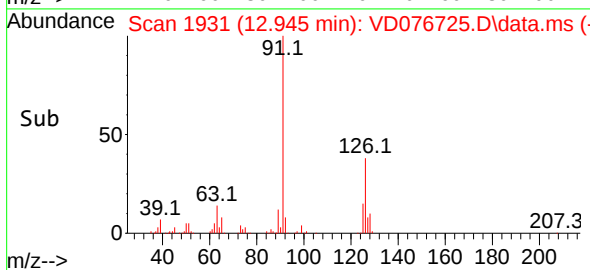
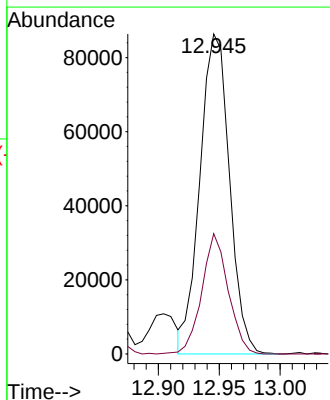
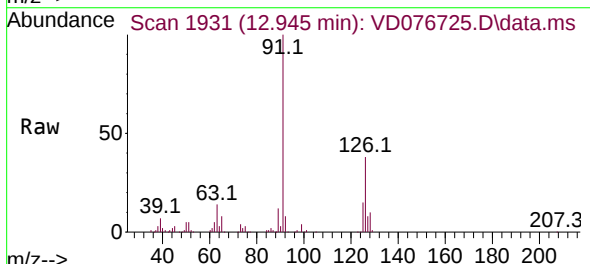
Manual Integrations
APPROVED

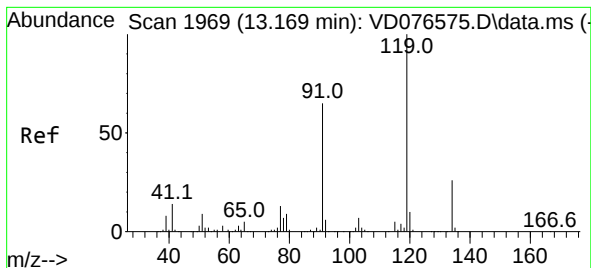
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#82
4-Chlorotoluene
Concen: 22.982 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Tgt Ion: 91 Resp: 146009
Ion Ratio Lower Upper
91 100
126 33.6 19.4 58.4





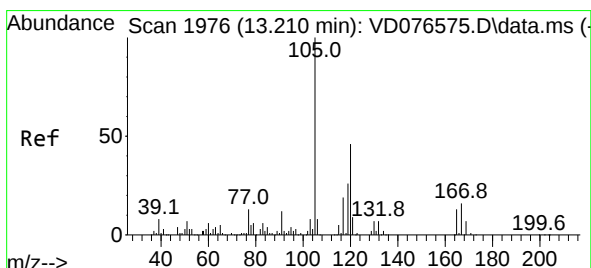
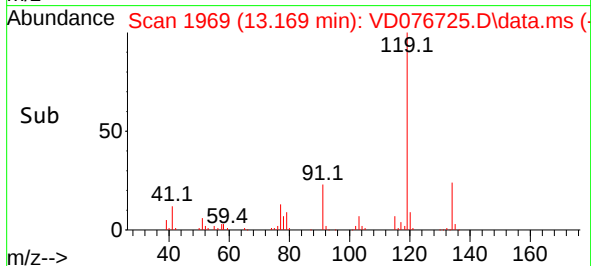
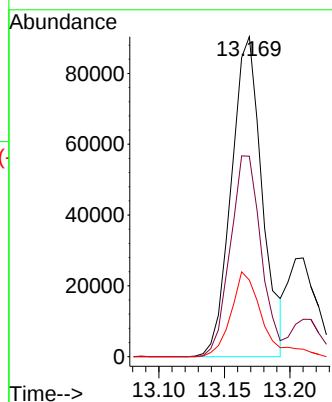
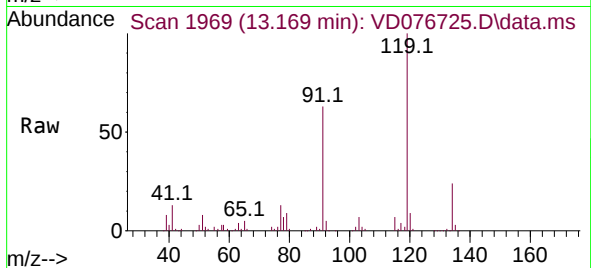
#83
tert-Butylbenzene
Concen: 22.656 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion:119 Resp: 14832
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.8
134 27.0 14.1 42.3

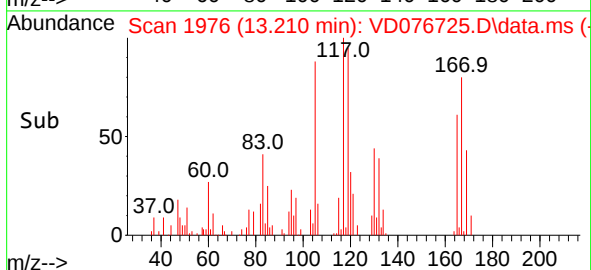
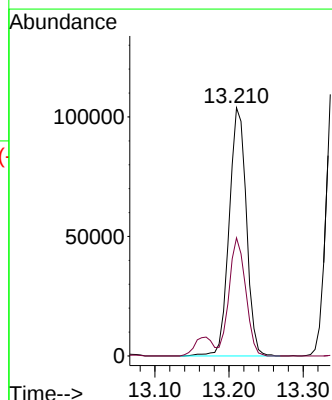
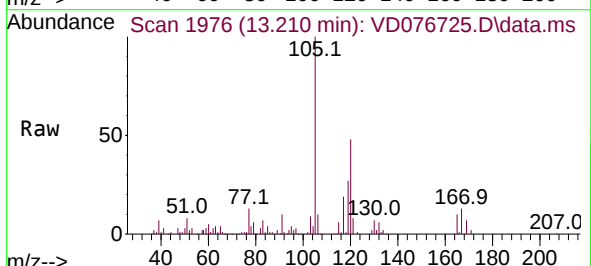
Manual Integrations
APPROVED

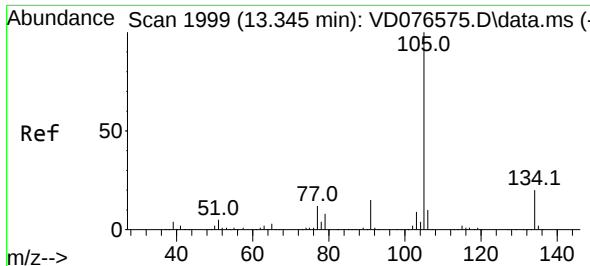
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 22.497 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

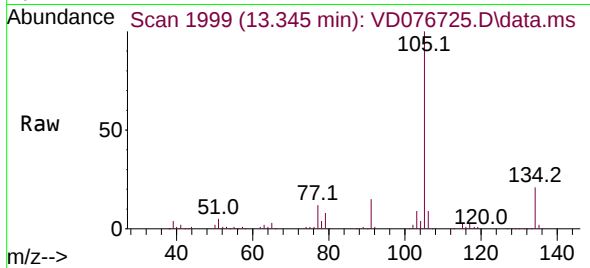
Tgt Ion:105 Resp: 167039
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 24.299 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076725.D
 Acq: 12 Jul 2023 11:17

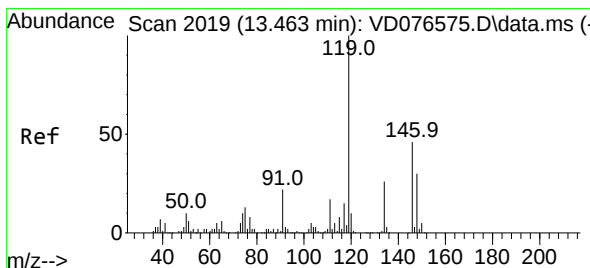
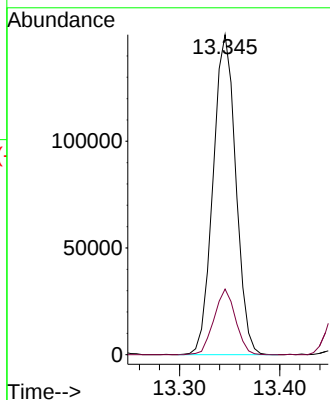
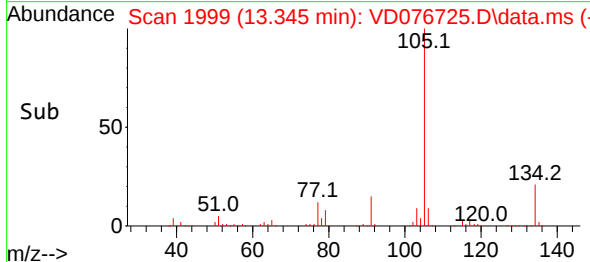
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBSD01



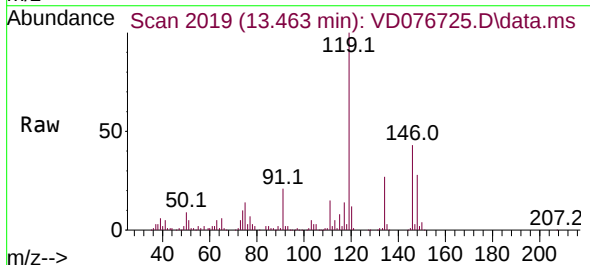
Tgt Ion:105 Resp: 236074
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9

Manual Integrations
 APPROVED

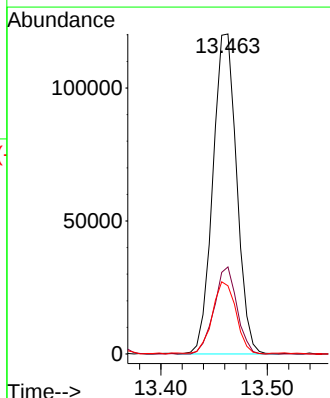
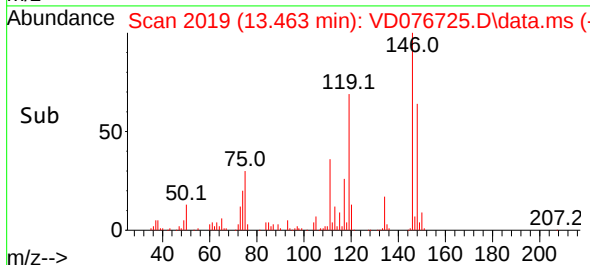
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023

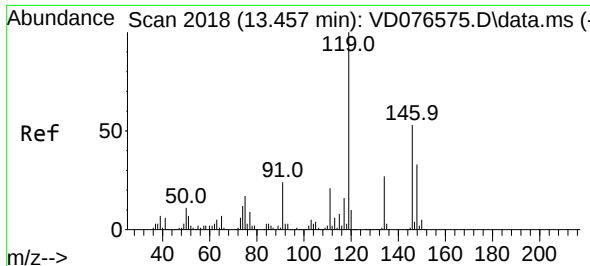


#86
 p-Isopropyltoluene
 Concen: 23.021 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD076725.D
 Acq: 12 Jul 2023 11:17



Tgt Ion:119 Resp: 186885
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.736 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

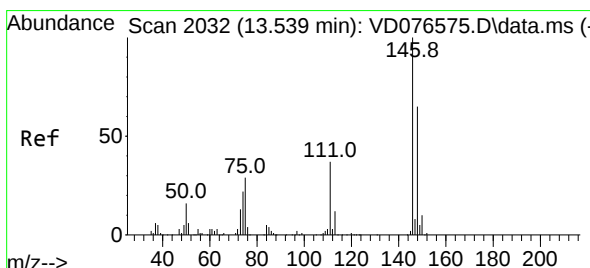
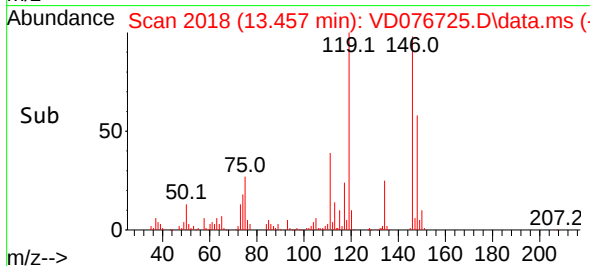
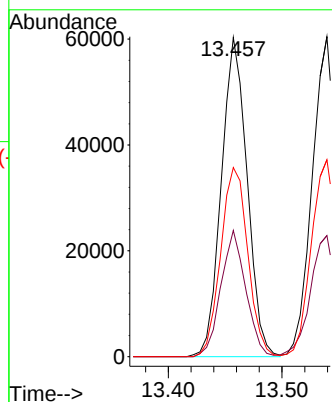
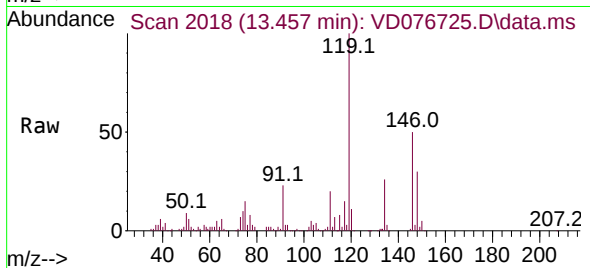
Tgt Ion:	146	Resp:	95038
Ion Ratio	Lower	Upper	
146	100		
111	38.2	17.9	53.8
148	62.4	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#88

1,4-Dichlorobenzene

Concen: 21.506 ug/l

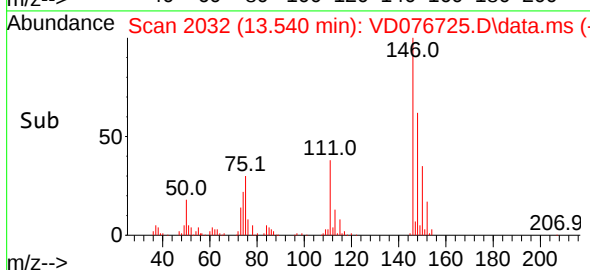
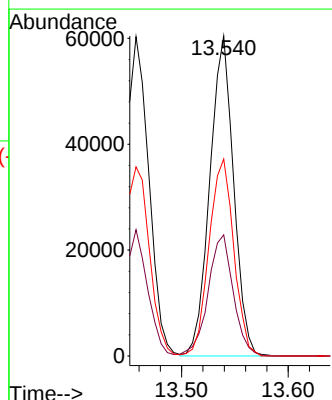
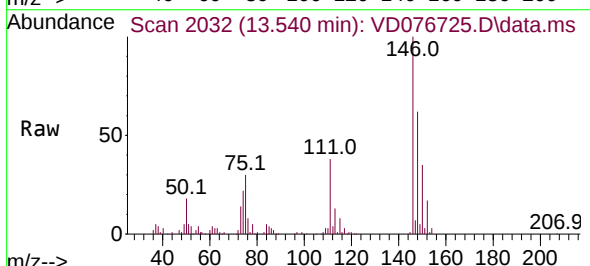
RT: 13.540 min Scan# 2032

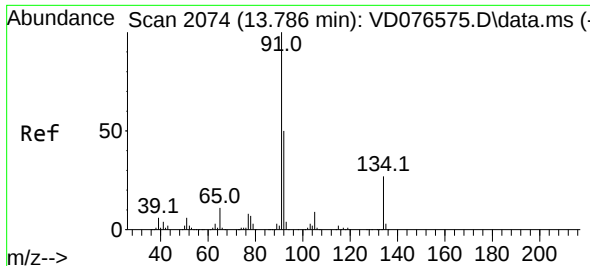
Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Tgt Ion:	146	Resp:	93781
Ion Ratio	Lower	Upper	
146	100		
111	40.0	17.4	52.3
148	64.0	31.7	95.1





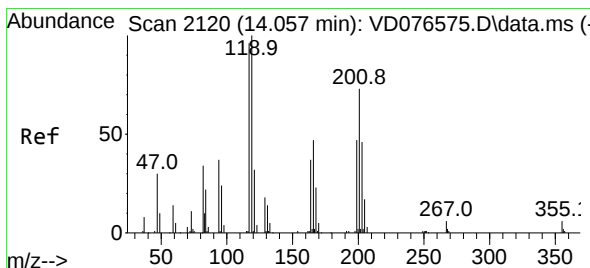
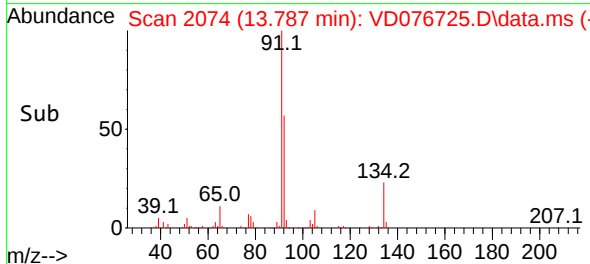
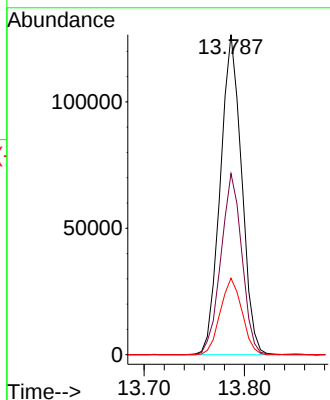
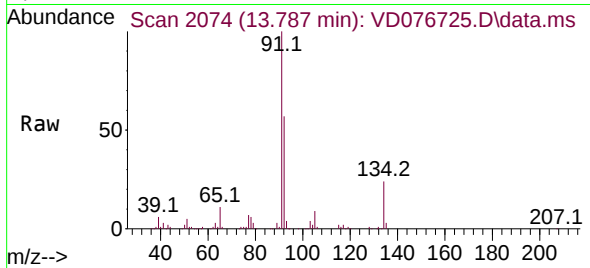
#89
n-Butylbenzene
Concen: 23.559 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01

Tgt Ion: 91 Resp: 186539
Ion Ratio Lower Upper
91 100
92 55.7 26.5 79.5
134 24.2 13.8 41.3

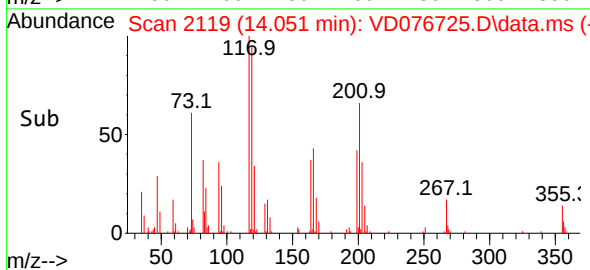
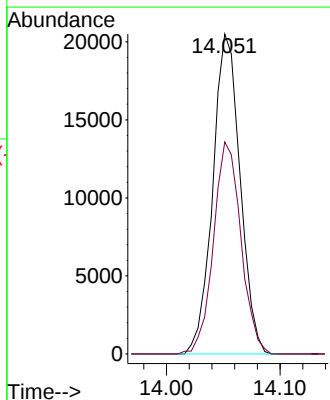
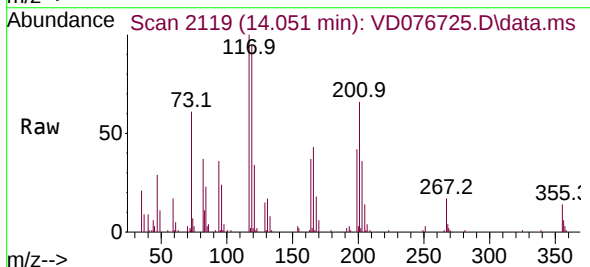
Manual Integrations
APPROVED

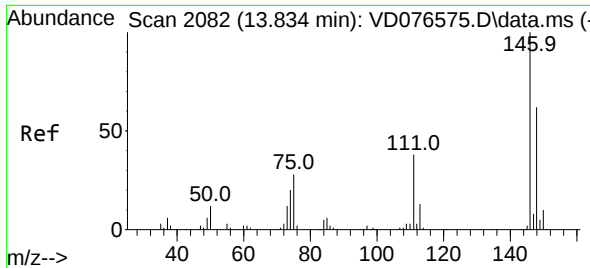
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#90
Hexachloroethane
Concen: 22.856 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

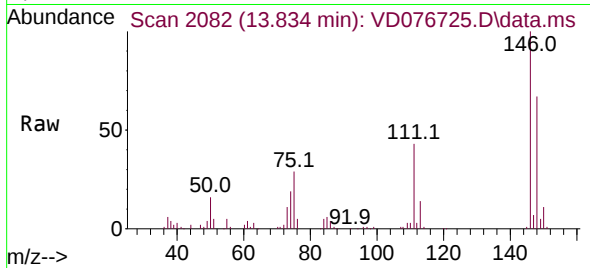
Tgt Ion:117 Resp: 34241
Ion Ratio Lower Upper
117 100
201 66.6 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 21.303 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

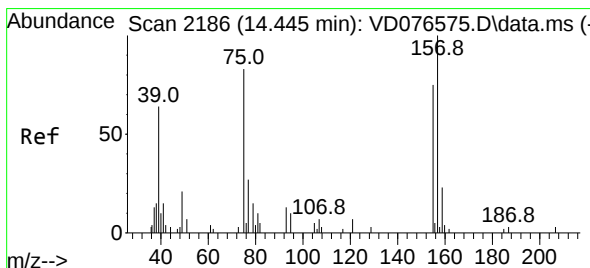
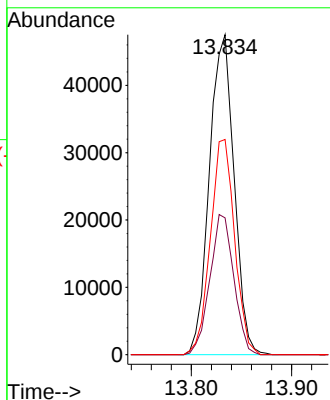
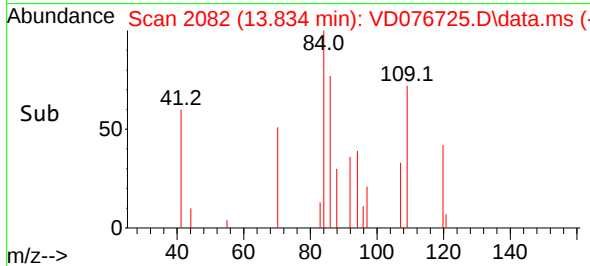
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



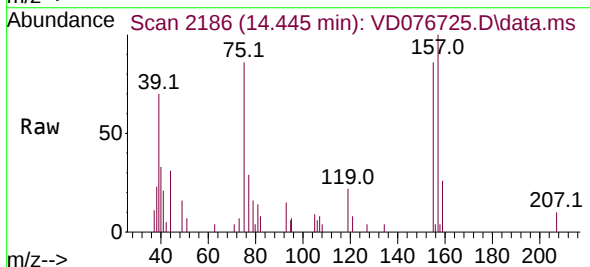
Tgt Ion:146 Resp: 81390
Ion Ratio Lower Upper
146 100
111 42.4 18.3 54.8
148 65.9 31.6 94.7

Manual Integrations
APPROVED

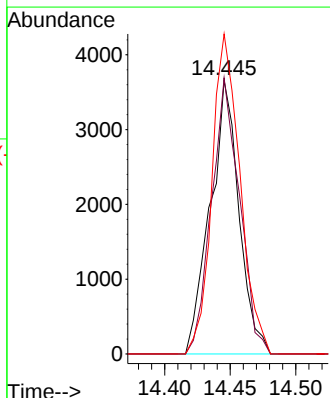
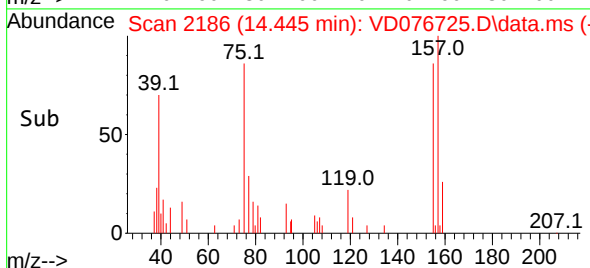
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

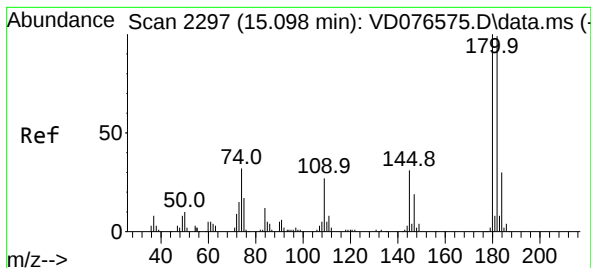


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.901 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17



Tgt Ion: 75 Resp: 5577
Ion Ratio Lower Upper
75 100
155 98.6 47.9 143.8
157 114.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.923 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBSD01

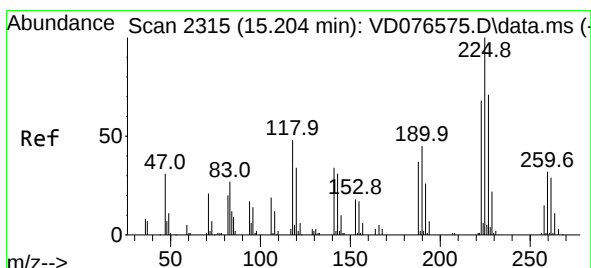
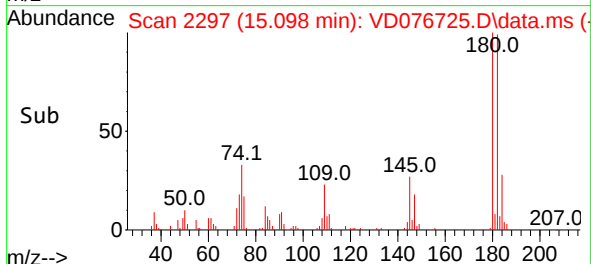
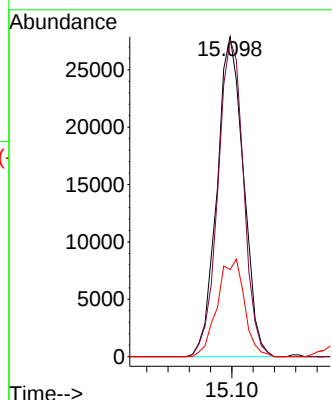
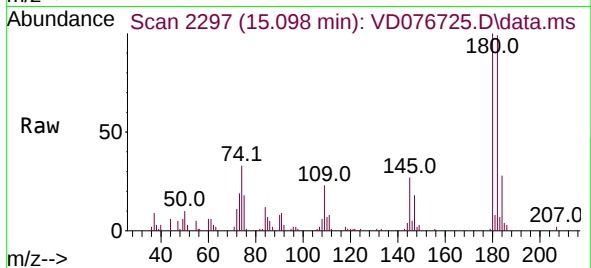
Tgt Ion:	180	Resp:	4818
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.5	145.6
145	31.0	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#94

Hexachlorobutadiene

Concen: 19.302 ug/l

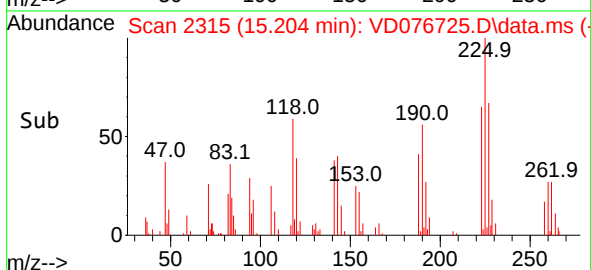
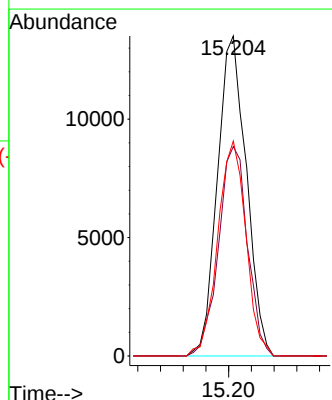
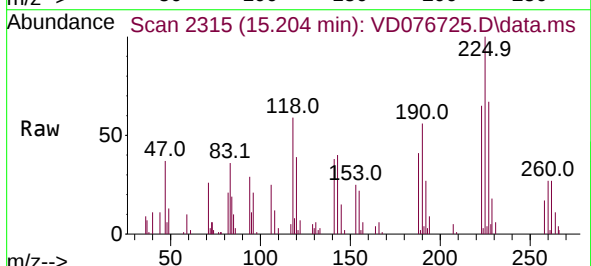
RT: 15.204 min Scan# 2315

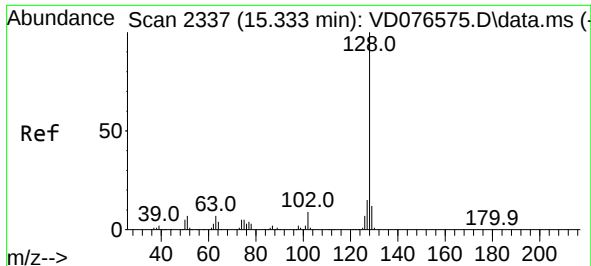
Delta R.T. -0.000 min

Lab File: VD076725.D

Acq: 12 Jul 2023 11:17

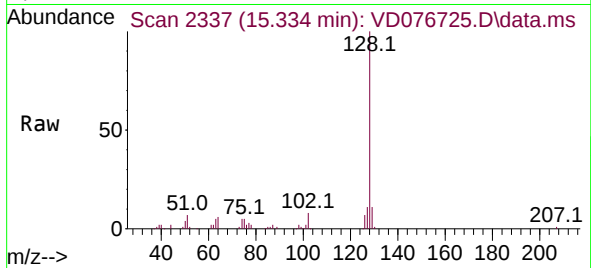
Tgt Ion:	225	Resp:	23895
Ion Ratio	Lower	Upper	
225	100		
223	65.4	31.6	94.8
227	65.2	31.7	95.1





#95
Naphthalene
Concen: 20.036 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17

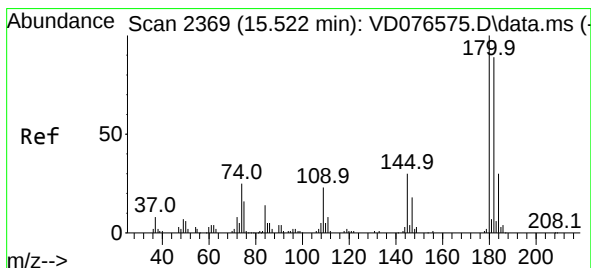
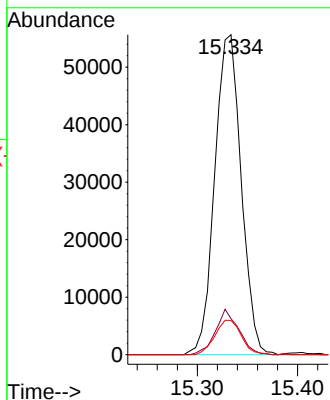
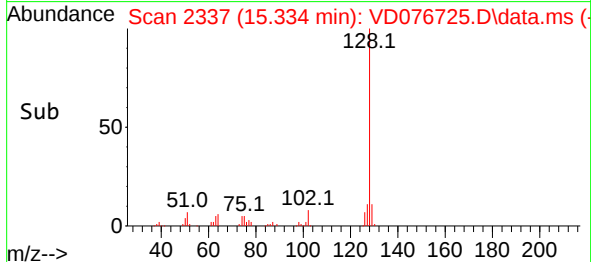
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBSD01



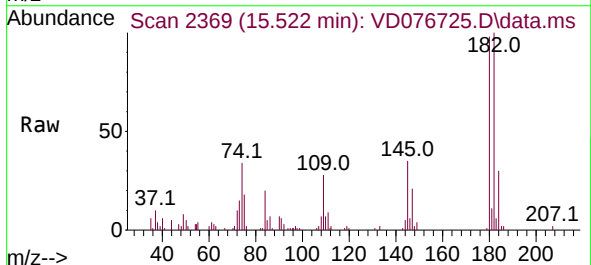
Tgt Ion:128 Resp: 10201
Ion Ratio Lower Upper
128 100
127 11.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.047 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076725.D
Acq: 12 Jul 2023 11:17



Tgt Ion:180 Resp: 42255
Ion Ratio Lower Upper
180 100
182 98.3 47.3 141.9
145 34.2 15.1 45.3

