

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074150.D
 Acq On : 19 Aug 2022 15:59
 Operator : VA/SY
 Sample : VD0819SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02

Quant Time: Aug 20 01:24:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	179306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	300644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	273125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	135035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	62150	46.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.300%		
35) Dibromofluoromethane	7.903	113	77794	53.043	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.080%		
50) Toluene-d8	10.326	98	193137	46.523	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.040%		
62) 4-Bromofluorobenzene	12.620	95	105039	46.692	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	43181	22.850	ug/l	97
3) Chloromethane	2.209	50	28556	17.698	ug/l	100
4) Vinyl Chloride	2.344	62	27260	17.933	ug/l	90
5) Bromomethane	2.750	94	16238	17.906	ug/l	95
6) Chloroethane	2.909	64	16940	18.334	ug/l	94
7) Trichlorofluoromethane	3.262	101	68854	19.833	ug/l	93
8) Diethyl Ether	3.697	74	17923	18.500	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	41714	20.395	ug/l	97
10) Methyl Iodide	4.297	142	44380	18.969	ug/l	98
11) Tert butyl alcohol	5.226	59	15218	107.229	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	36639	19.009	ug/l	84
13) Acrolein	3.926	56	15490	96.681	ug/l	100
14) Allyl chloride	4.709	41	57948	18.270	ug/l	95
15) Acrylonitrile	5.415	53	41106	87.848	ug/l	97
16) Acetone	4.156	43	34116	88.315	ug/l	100
17) Carbon Disulfide	4.403	76	121165	18.716	ug/l	98
18) Methyl Acetate	4.715	43	21704	17.981	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	80423	18.010	ug/l #	90
20) Methylene Chloride	4.956	84	59204	14.780	ug/l	90
21) trans-1,2-Dichloroethene	5.462	96	42854	19.184	ug/l	90
22) Diisopropyl ether	6.356	45	116350	18.482	ug/l #	94
23) Vinyl Acetate	6.297	43	302368	90.437	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	76990	19.319	ug/l	97
25) 2-Butanone	7.209	43	57248	90.822	ug/l	96
26) 2,2-Dichloropropane	7.197	77	69618	20.355	ug/l	100
27) cis-1,2-Dichloroethene	7.197	96	46311	19.343	ug/l	98
28) Bromochloromethane	7.538	49	24835	19.570	ug/l #	83
29) Tetrahydrofuran	7.561	42	33509	87.655	ug/l	91
30) Chloroform	7.703	83	78172	19.015	ug/l	98
31) Cyclohexane	7.979	56	68994	18.170	ug/l #	82
32) 1,1,1-Trichloroethane	7.891	97	72312	19.769	ug/l	97
36) 1,1-Dichloropropene	8.103	75	60364	19.615	ug/l	97
37) Ethyl Acetate	7.285	43	26161	18.970	ug/l	96
38) Carbon Tetrachloride	8.091	117	60149	19.764	ug/l	97
39) Methylcyclohexane	9.350	83	66357	18.500	ug/l	97
40) Benzene	8.344	78	168552	19.835	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	13714	19.325	ug/l #	91
42) 1,2-Dichloroethane	8.409	62	50052	19.805	ug/l	100
43) Isopropyl Acetate	8.444	43	46264	18.115	ug/l #	91
44) Trichloroethene	9.103	130	47472	20.686	ug/l	82
45) 1,2-Dichloropropane	9.379	63	42071	19.541	ug/l	96
46) Dibromomethane	9.461	93	23791	19.818	ug/l	98
47) Bromodichloromethane	9.655	83	60749	20.015	ug/l	92
48) Methyl methacrylate	9.450	41	22565	17.928	ug/l	90
49) 1,4-Dioxane	9.456	88	5140	399.424	ug/l	99
51) 4-Methyl-2-Pentanone	10.214	43	118712	90.319	ug/l	94
52) Toluene	10.391	92	105267	20.073	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	53443	19.379	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	63709	19.355	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	31392	19.862	ug/l	96
56) Ethyl methacrylate	10.650	69	33774	17.477	ug/l	91
57) 1,3-Dichloropropane	10.938	76	51824	18.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	61260	108.149	ug/l	93
59) 2-Hexanone	10.973	43	79486	90.670	ug/l	97
60) Dibromochloromethane	11.126	129	39481	19.836	ug/l	99
61) 1,2-Dibromoethane	11.232	107	30908	20.127	ug/l	96
64) Tetrachloroethene	10.867	164	37959	20.475	ug/l	91
65) Chlorobenzene	11.661	112	113267	20.388	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	41858	20.829	ug/l	97
67) Ethyl Benzene	11.732	91	191535	19.522	ug/l	96
68) m/p-Xylenes	11.838	106	153577	40.724	ug/l	98
69) o-Xylene	12.167	106	68916	19.552	ug/l	96
70) Styrene	12.179	104	124292	20.643	ug/l	98
71) Bromoform	12.344	173	22441	20.883	ug/l #	99
73) Isopropylbenzene	12.467	105	184256	18.736	ug/l	99
74) N-amyl acetate	12.273	43	41776	16.924	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	34796	18.482	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	28401m	20.310	ug/l	
77) Bromobenzene	12.749	156	43822	19.435	ug/l	89
78) n-propylbenzene	12.802	91	230305	18.889	ug/l	97
79) 2-Chlorotoluene	12.891	91	135069	19.303	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	160090	19.470	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	9535	17.842	ug/l	95
82) 4-Chlorotoluene	12.991	91	144500	19.622	ug/l	99
83) tert-Butylbenzene	13.208	119	133041	19.134	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	159097	19.643	ug/l	98
85) sec-Butylbenzene	13.385	105	204337	19.332	ug/l	98
86) p-Isopropyltoluene	13.496	119	169744	19.344	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	92802	20.621	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	88803	19.761	ug/l	98
89) n-Butylbenzene	13.826	91	162110	18.943	ug/l	99
90) Hexachloroethane	14.091	117	33857	19.741	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	79674	20.031	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5881	18.201	ug/l	93
93) 1,2,4-Trichlorobenzene	15.138	180	45590	19.605	ug/l	97
94) Hexachlorobutadiene	15.243	225	24006	19.462	ug/l	95
95) Naphthalene	15.379	128	81924	17.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	41123	20.052	ug/l	97

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ClientSampleId :
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QLast Update : Fri Aug 19 09:25:06 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

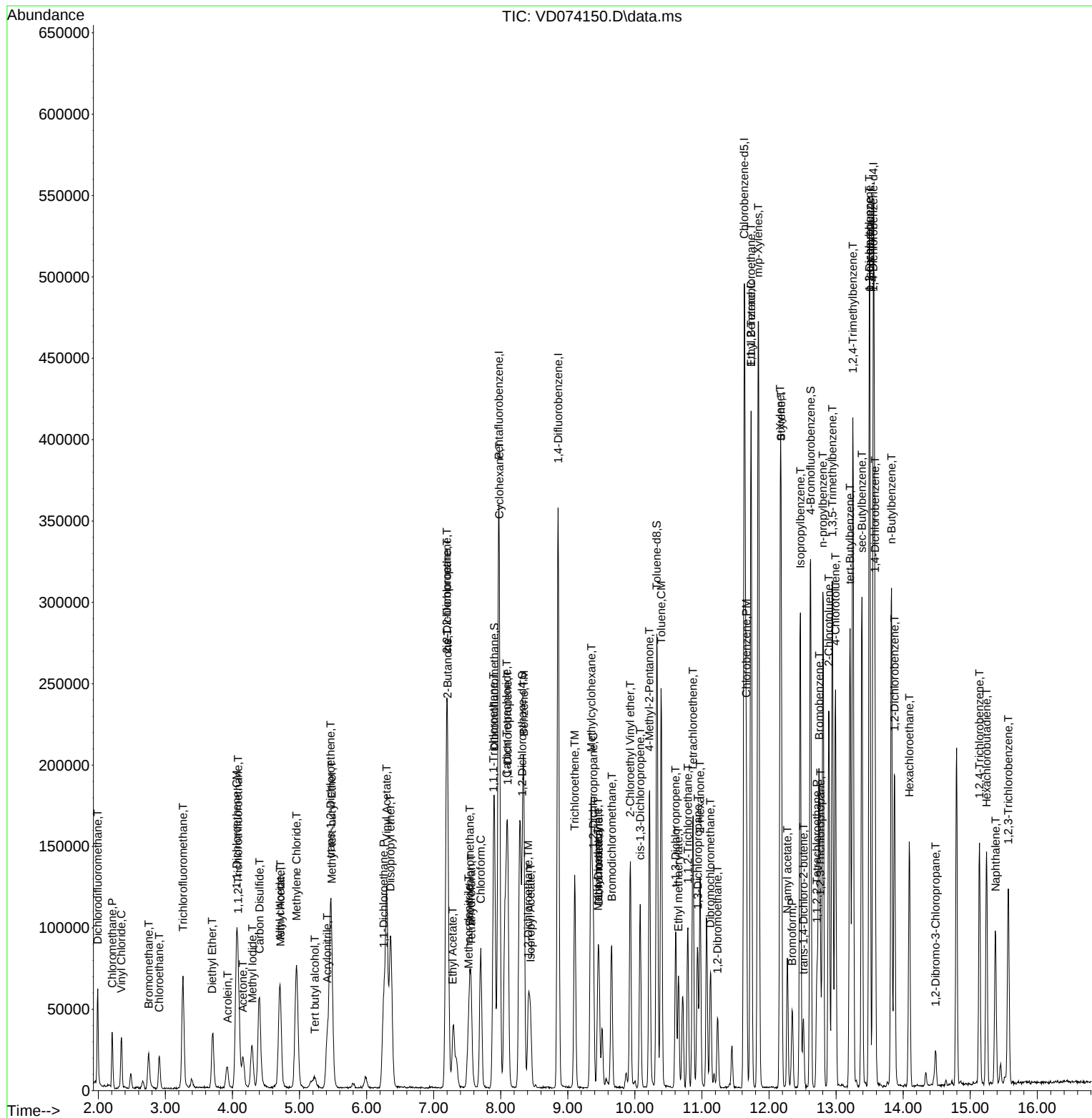
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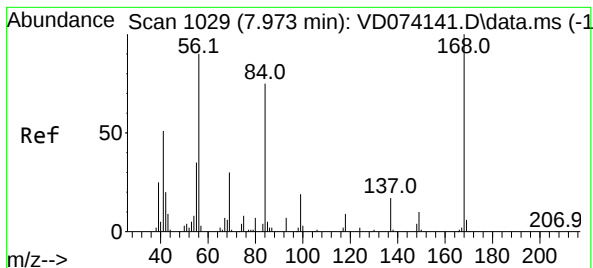
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Manual Integrations APPROVED

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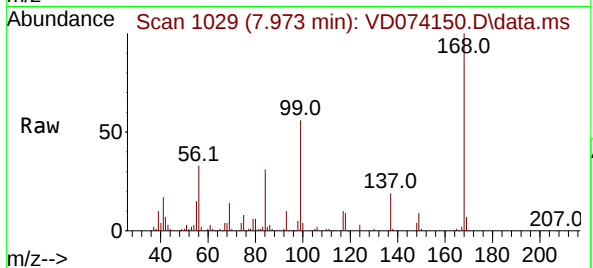
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

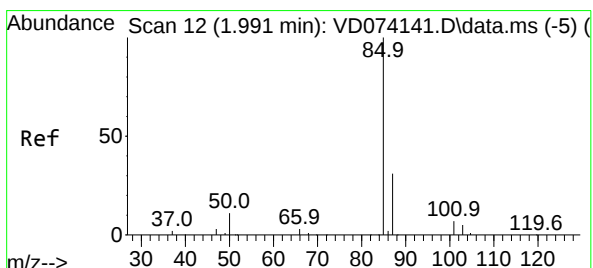
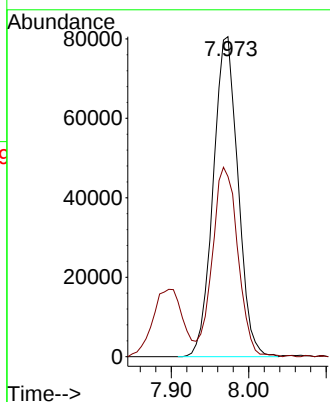
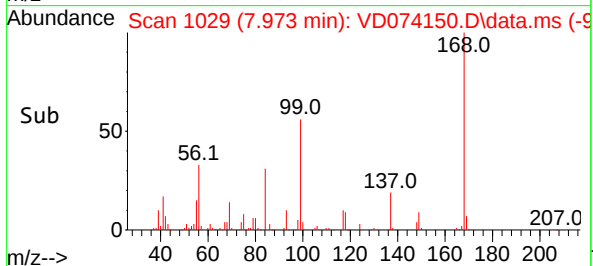
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



Tgt Ion:168 Resp: 179300
Ion Ratio Lower Upper
168 100
99 55.9 49.8 74.6

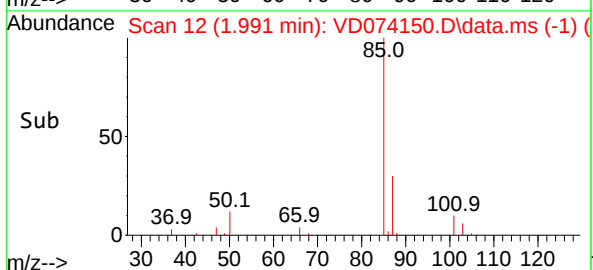
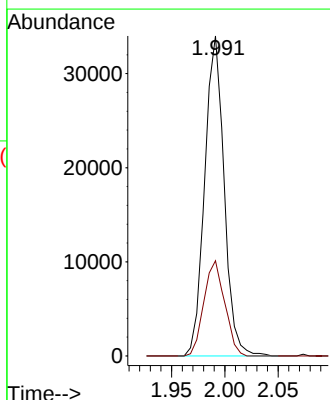
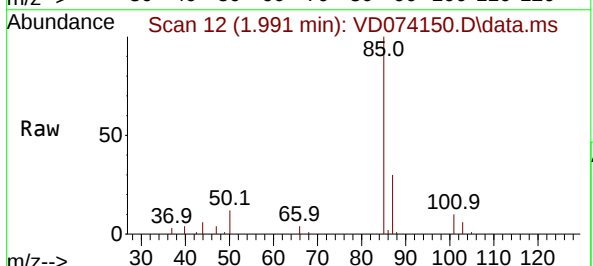
Manual Integrations
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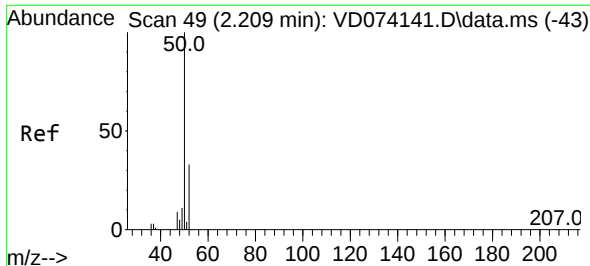
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#2
Dichlorodifluoromethane
Concen: 22.850 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

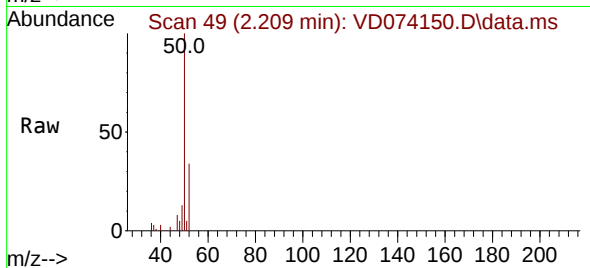
Tgt Ion: 85 Resp: 43181
Ion Ratio Lower Upper
85 100
87 29.7 15.7 47.0





#3
Chloromethane
Concen: 17.698 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

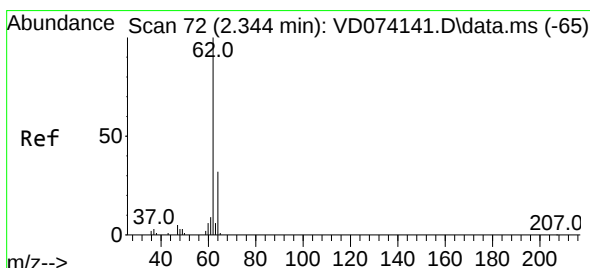
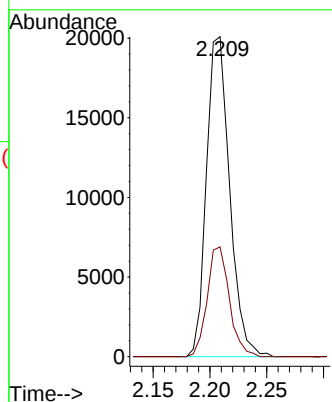
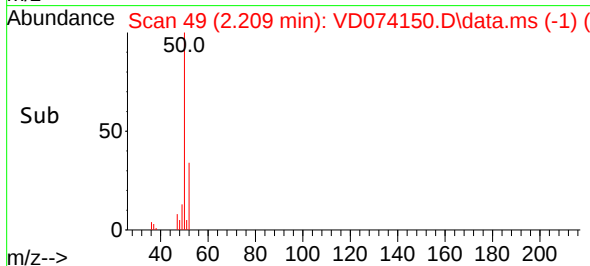
Instrument :
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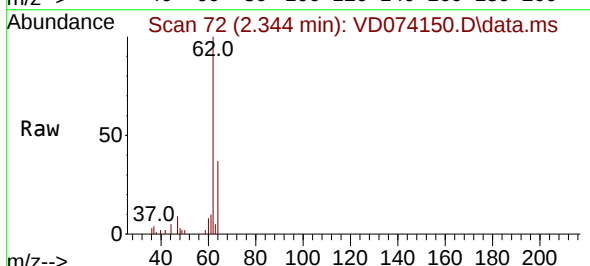
Tgt Ion: 50 Resp: 28550
Ion Ratio Lower Upper
50 100
52 34.3 27.4 41.0

Manual Integrations
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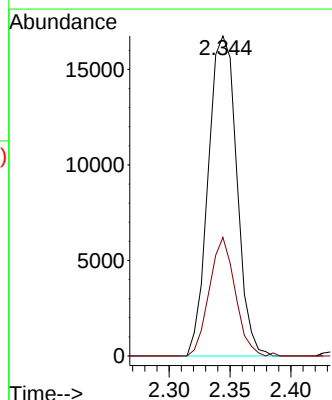
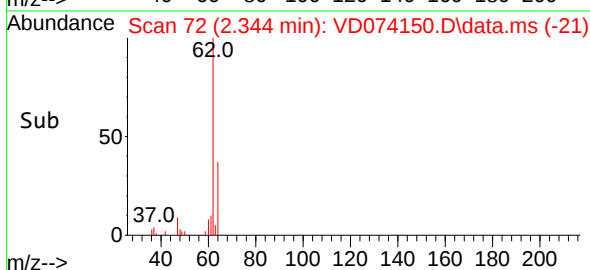
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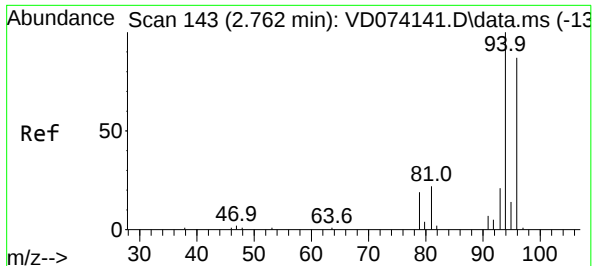


#4
Vinyl Chloride
Concen: 17.933 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59



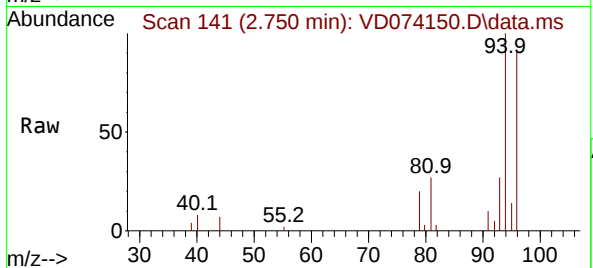
Tgt Ion: 62 Resp: 27260
Ion Ratio Lower Upper
62 100
64 37.0 25.4 38.0





#5
Bromomethane
Concen: 17.906 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

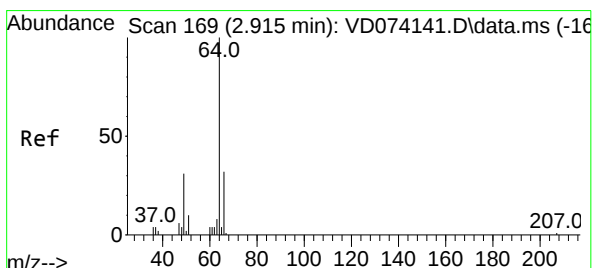
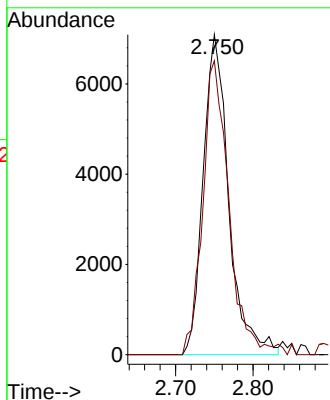
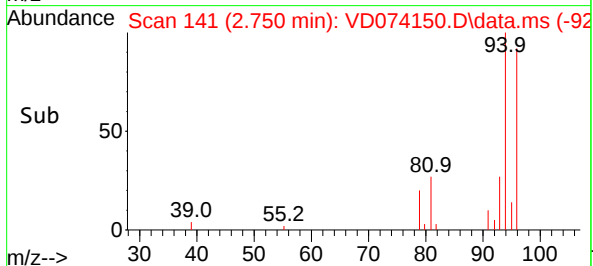
Instrument :
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Tgt Ion: 94 Resp: 16238
Ion Ratio Lower Upper
94 100
96 91.8 77.6 116.4

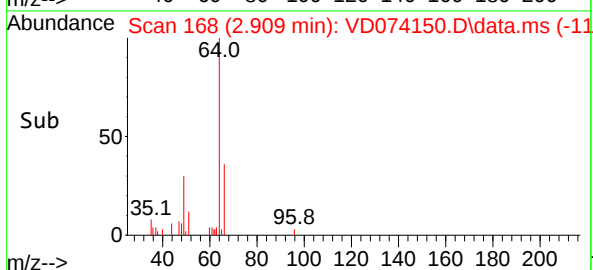
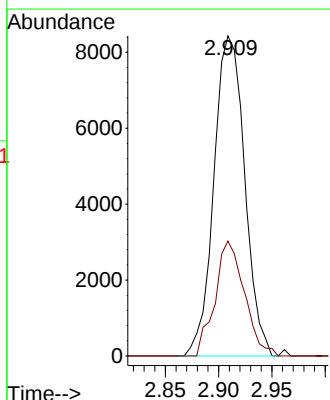
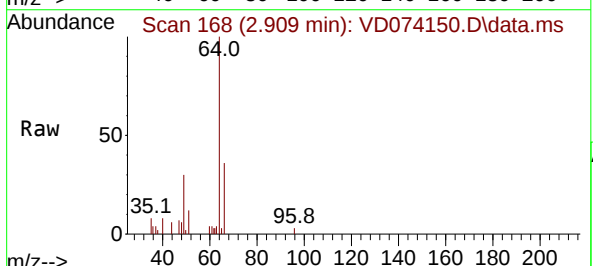
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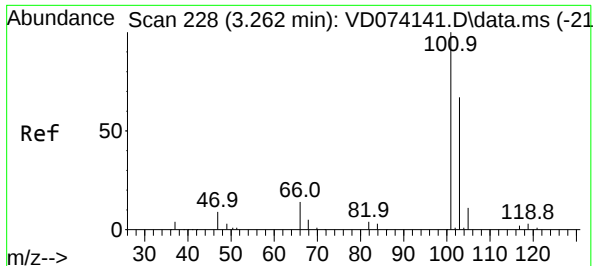
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#6
Chloroethane
Concen: 18.334 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

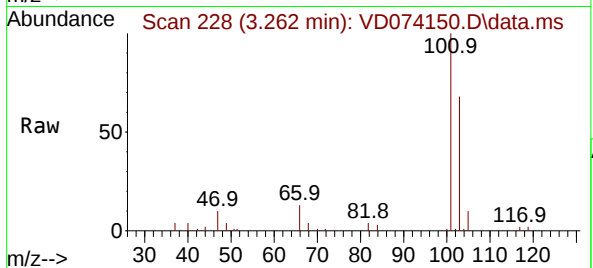
Tgt Ion: 64 Resp: 16940
Ion Ratio Lower Upper
64 100
66 35.9 25.9 38.9





#7
Trichlorofluoromethane
Concen: 19.833 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

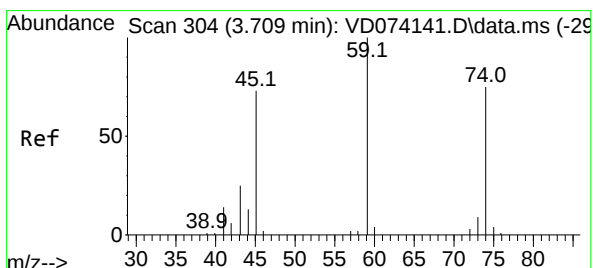
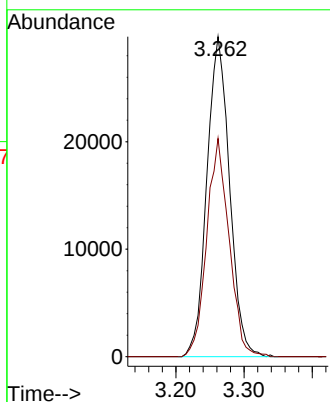
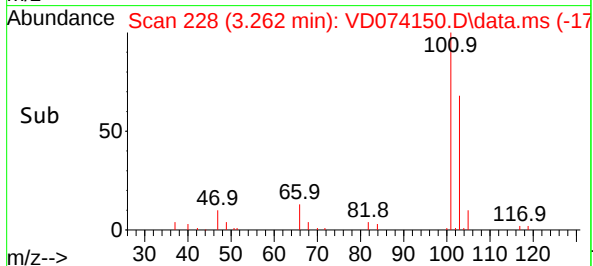
Instrument :
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Tgt Ion:101 Resp: 68854
Ion Ratio Lower Upper
101 100
103 68.2 50.1 75.1

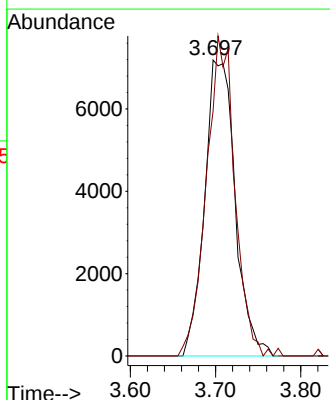
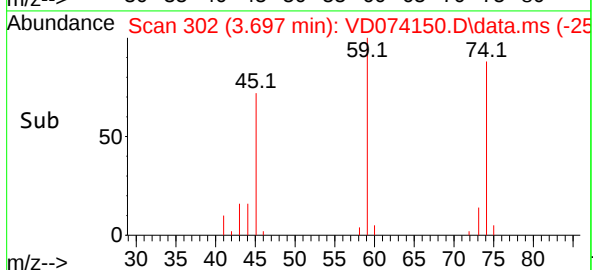
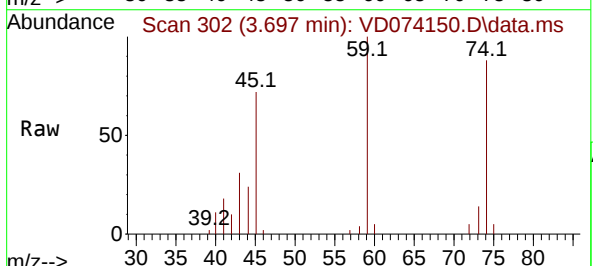
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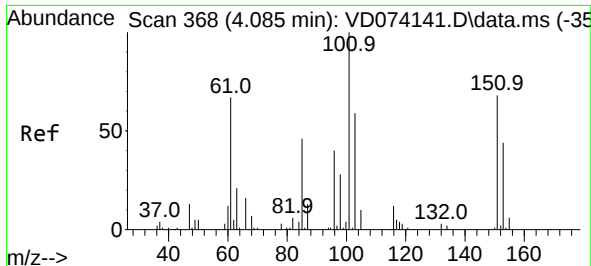
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#8
Diethyl Ether
Concen: 18.500 ug/l
RT: 3.697 min Scan# 302
Delta R.T. -0.012 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion: 74 Resp: 17923
Ion Ratio Lower Upper
74 100
45 100.9 52.6 157.8





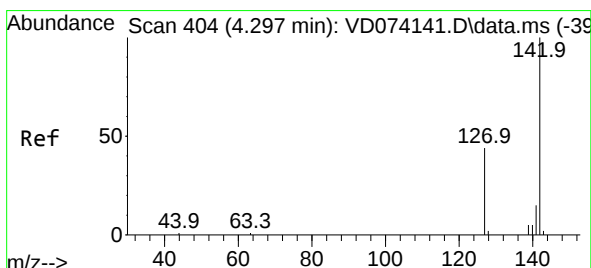
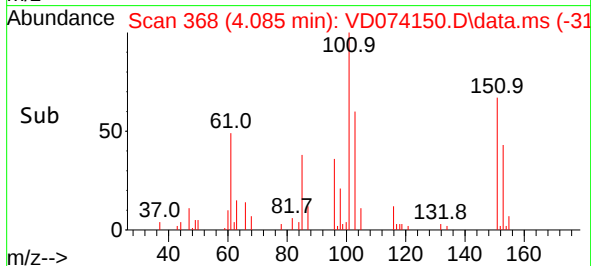
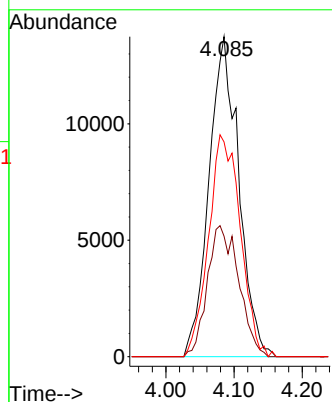
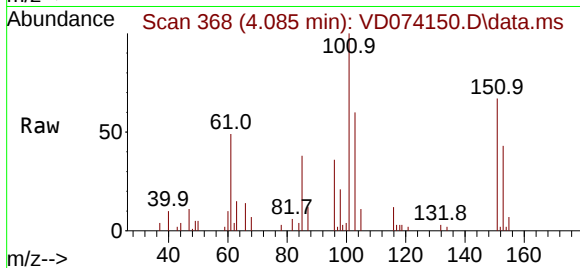
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.395 ug/l
RT: 4.085 min Scan# 30
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion:101 Resp: 41714
Ion Ratio Lower Upper
101 100
85 43.2 36.4 54.6
151 74.0 57.3 85.9

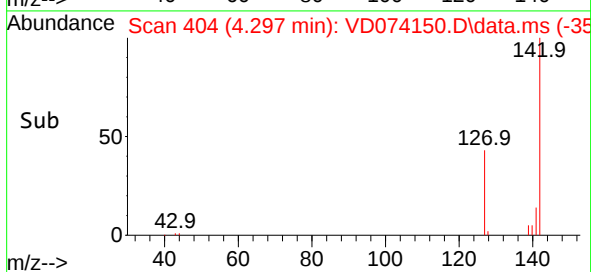
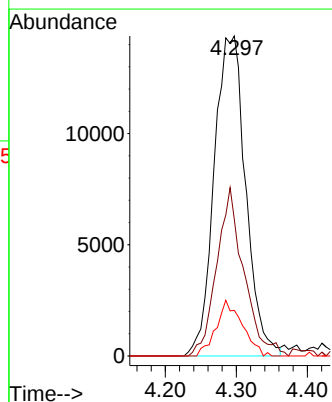
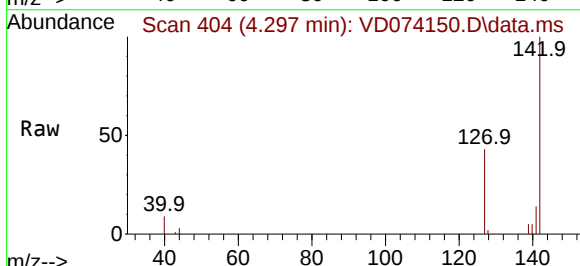
Manual Integrations
APPROVED

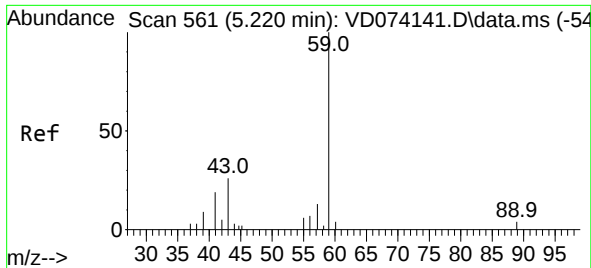
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#10
Methyl Iodide
Concen: 18.969 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion:142 Resp: 44380
Ion Ratio Lower Upper
142 100
127 45.2 37.3 55.9
141 14.4 11.7 17.5





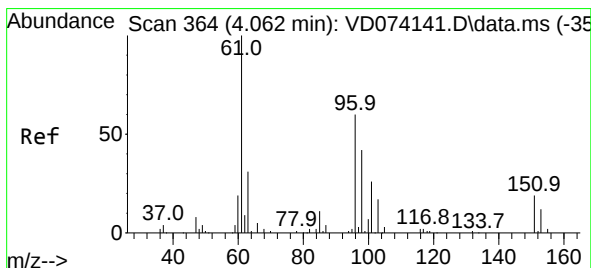
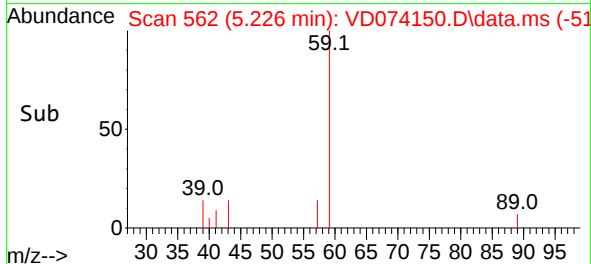
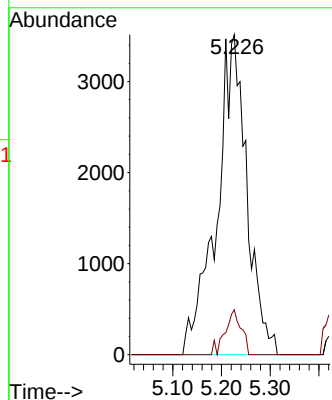
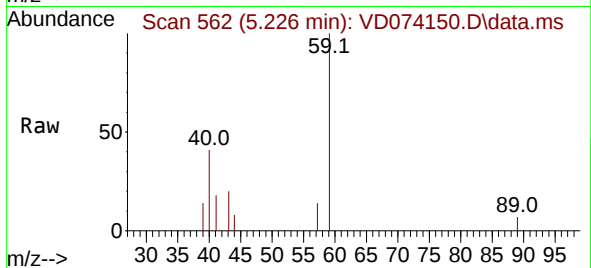
#11
Tert butyl alcohol
Concen: 107.229 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 59 Resp: 15218
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.6

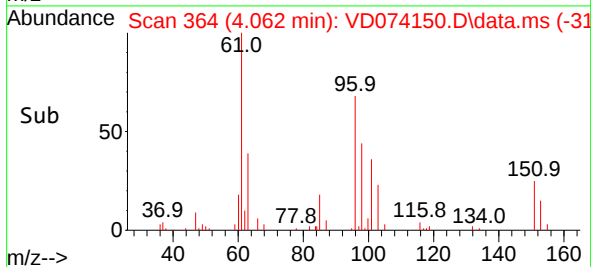
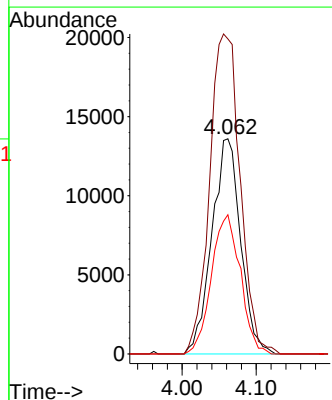
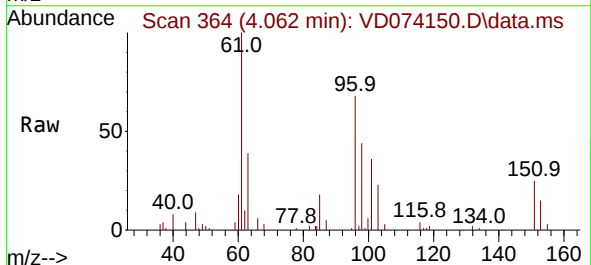
Manual Integrations
APPROVED

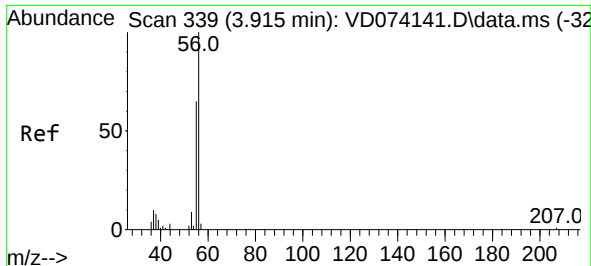
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#12
1,1-Dichloroethene
Concen: 19.009 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion: 96 Resp: 36639
Ion Ratio Lower Upper
96 100
61 146.4 138.5 207.7
98 64.7 48.6 73.0





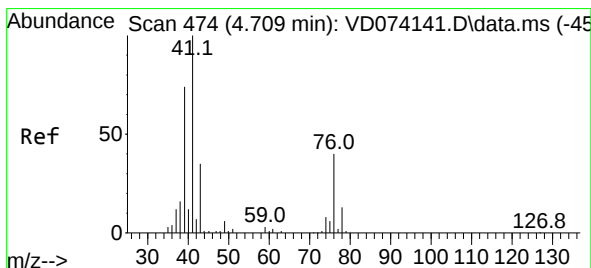
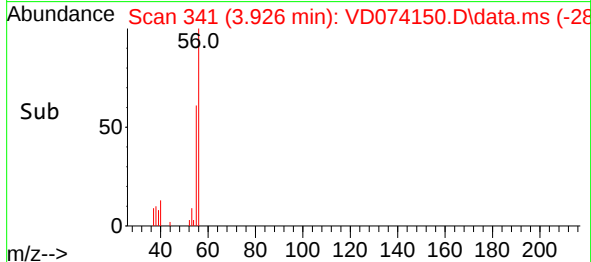
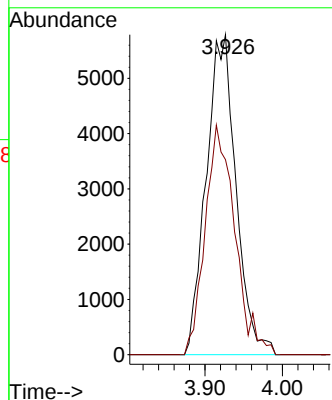
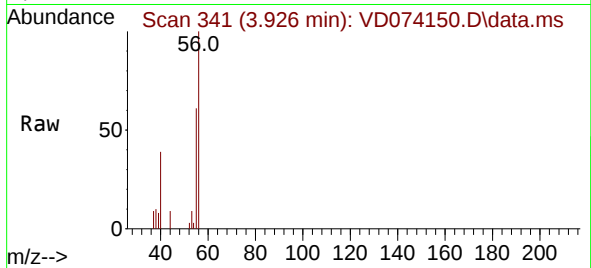
#13
Acrolein
Concen: 96.681 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.011 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 56 Resp: 15490
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

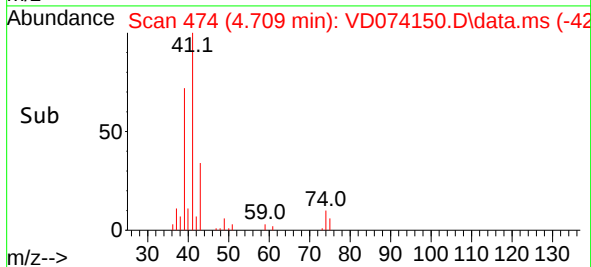
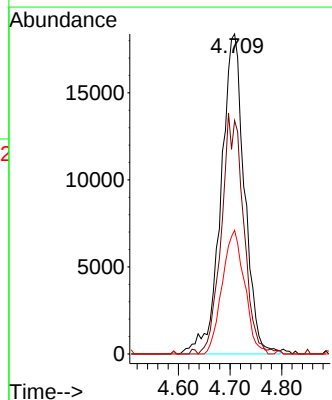
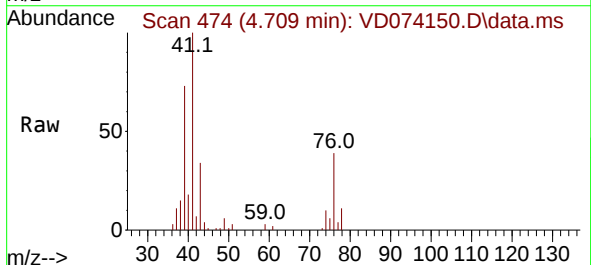
Manual Integrations
APPROVED

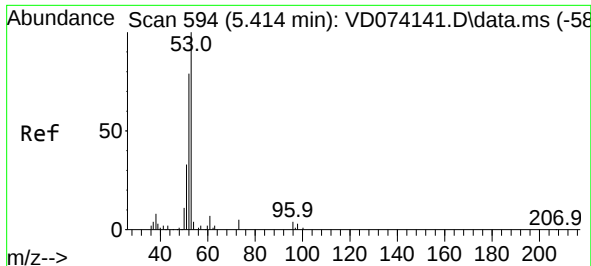
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#14
Allyl chloride
Concen: 18.270 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

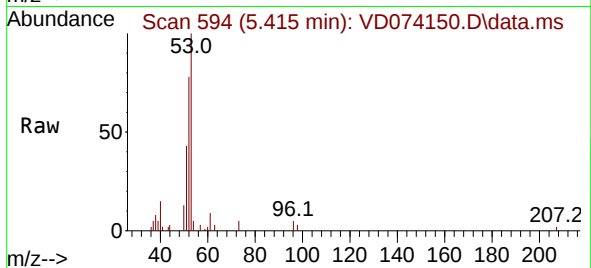
Tgt Ion: 41 Resp: 57948
Ion Ratio Lower Upper
41 100
39 71.1 59.3 88.9
76 36.9 25.7 38.5





#15
Acrylonitrile
Concen: 87.848 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

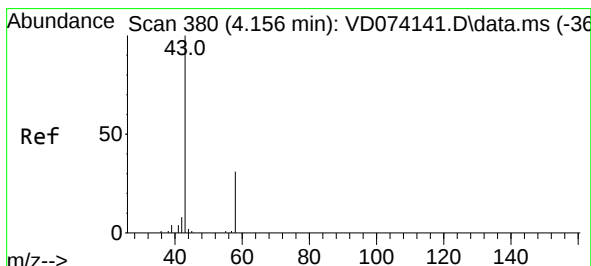
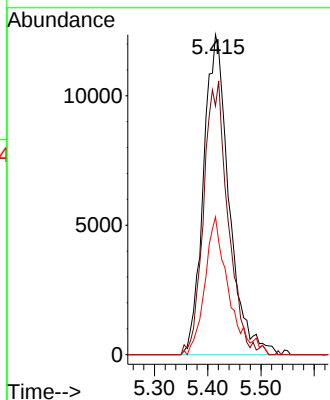
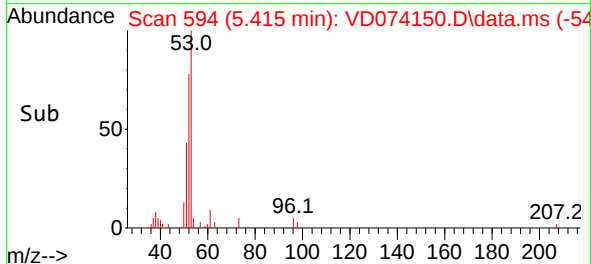
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



Tgt Ion: 53 Resp: 41100
Ion Ratio Lower Upper
53 100
52 81.8 67.2 100.8
51 40.1 30.3 45.5

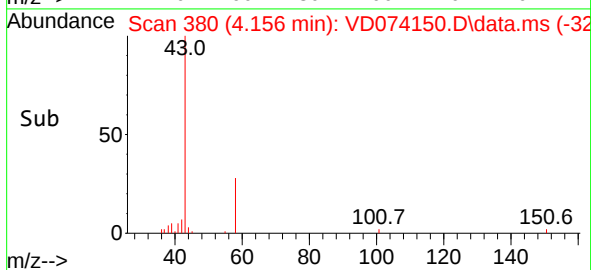
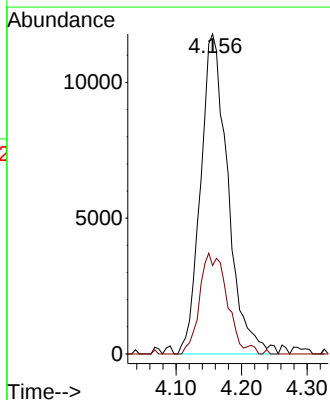
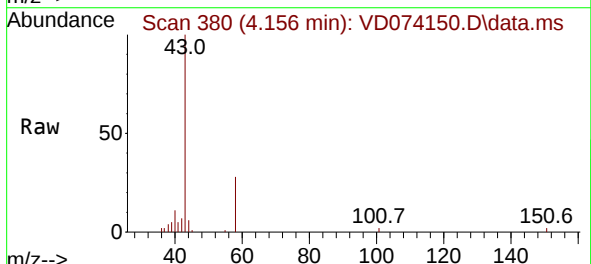
Manual Integrations
APPROVED

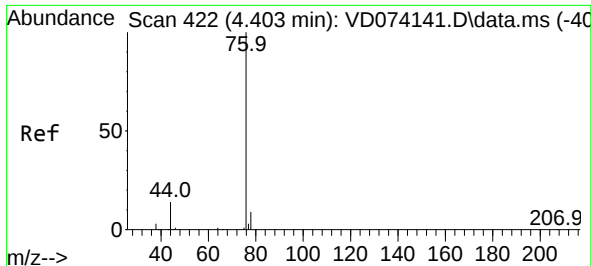
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#16
Acetone
Concen: 88.315 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion: 43 Resp: 34116
Ion Ratio Lower Upper
43 100
58 27.6 22.1 33.1





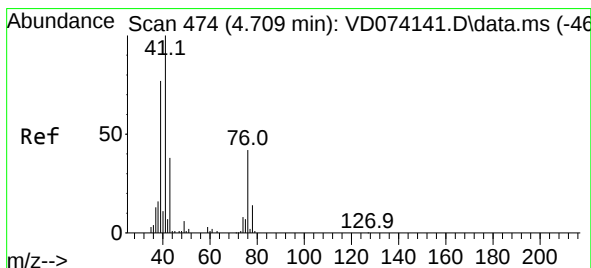
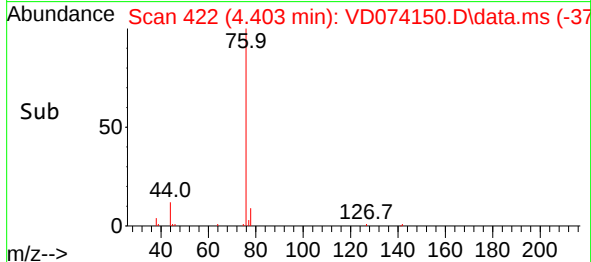
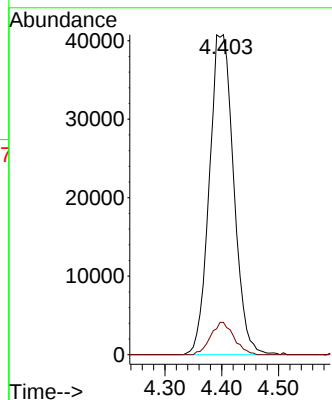
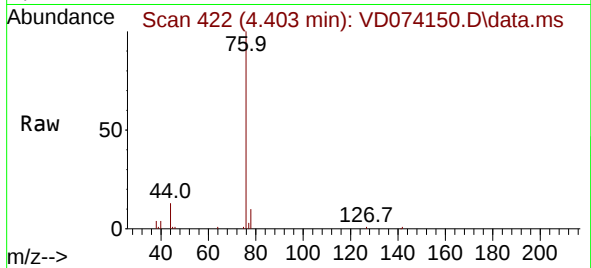
#17
Carbon Disulfide
Concen: 18.716 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 76 Resp: 12116
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3

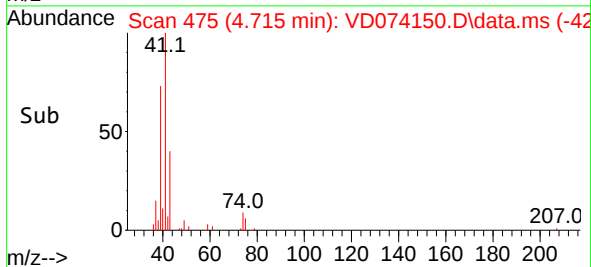
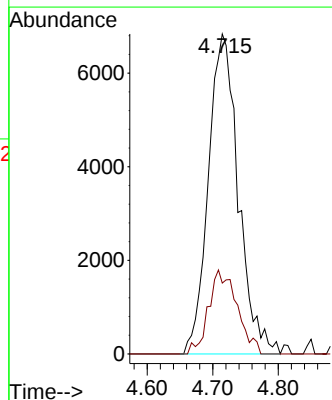
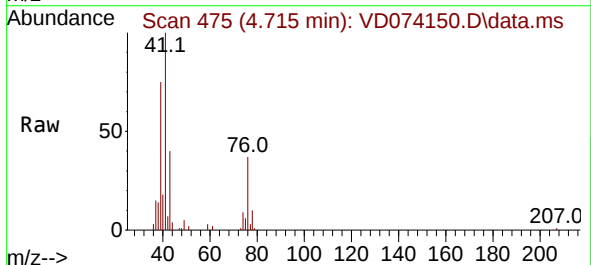
Manual Integrations
APPROVED

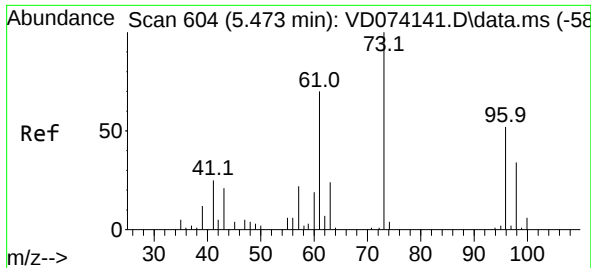
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#18
Methyl Acetate
Concen: 17.981 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion: 43 Resp: 21704
Ion Ratio Lower Upper
43 100
74 25.0 16.7 25.1





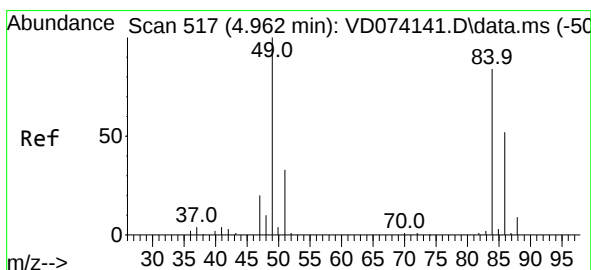
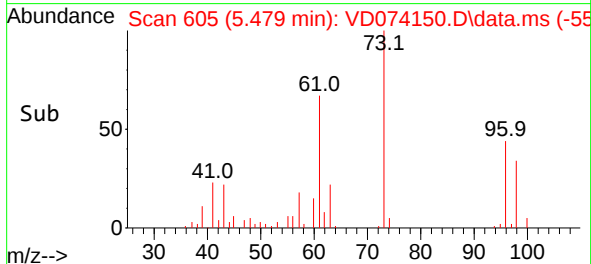
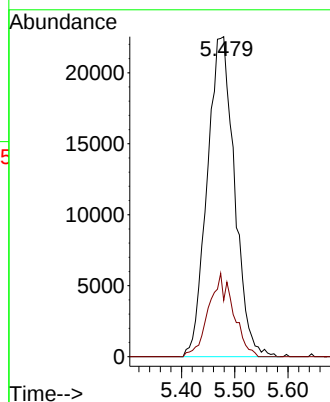
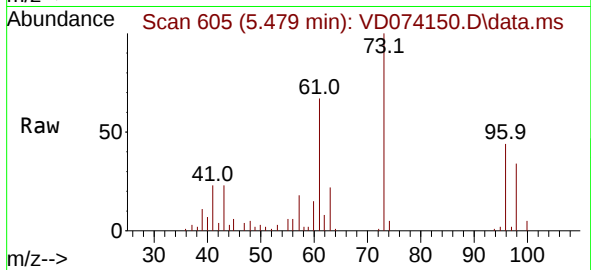
#19
Methyl tert-butyl Ether
Concen: 18.010 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 73 Resp: 8042
Ion Ratio Lower Upper
73 100
57 17.6 18.0 27.0

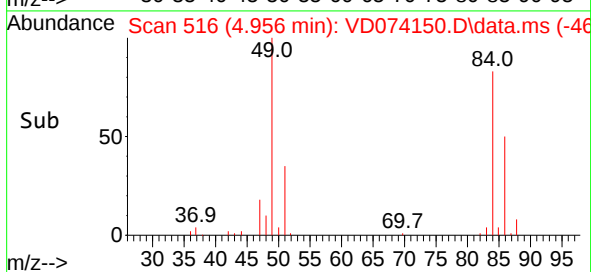
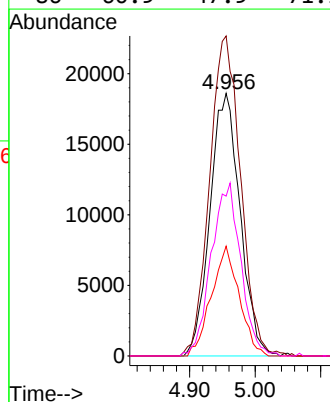
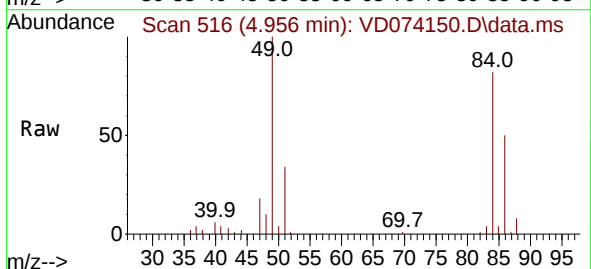
Manual Integrations
APPROVED

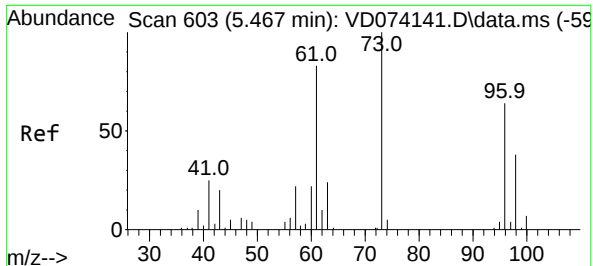
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#20
Methylene Chloride
Concen: 14.780 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

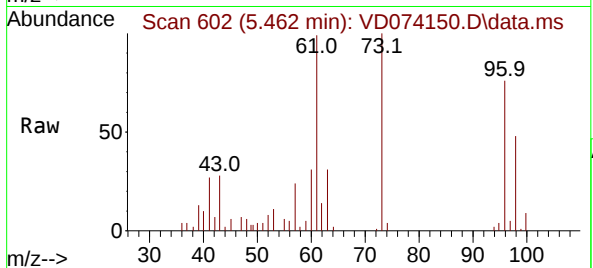
Tgt Ion: 84 Resp: 59204
Ion Ratio Lower Upper
84 100
49 121.9 112.8 169.2
51 41.8 32.6 48.8
86 60.9 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 19.184 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.005 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

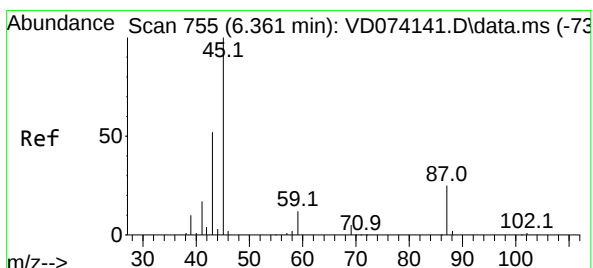
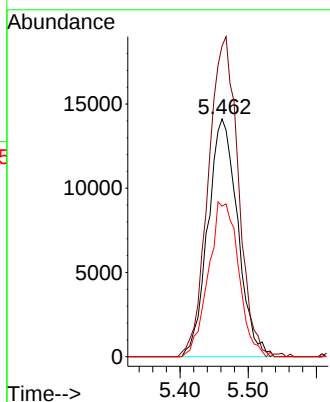
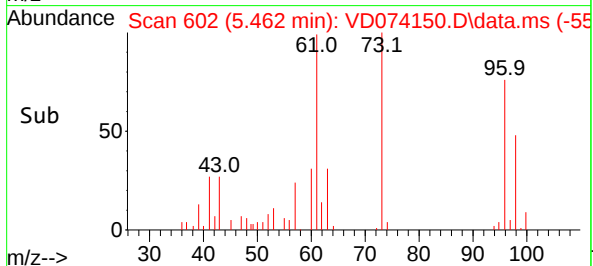
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



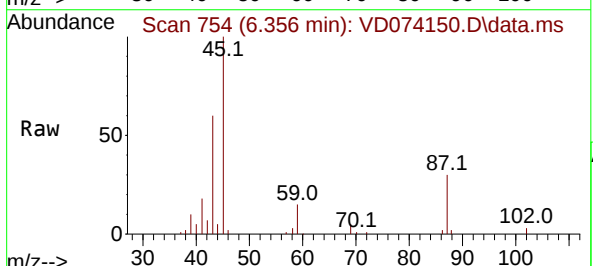
Tgt Ion: 96 Resp: 42854
Ion Ratio Lower Upper
96 100
61 130.7 117.9 176.9
98 63.4 49.4 74.2

Manual Integrations
APPROVED

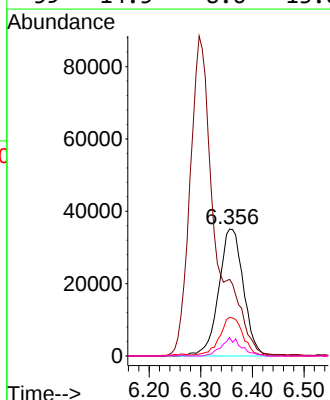
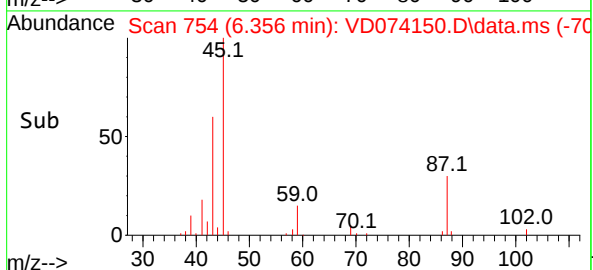
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

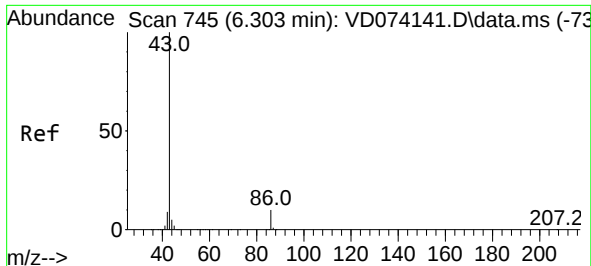


#22
Diisopropyl ether
Concen: 18.482 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.005 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59



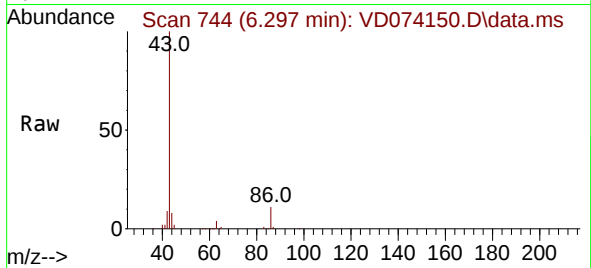
Tgt Ion: 45 Resp: 116350
Ion Ratio Lower Upper
45 100
43 59.2 46.6 70.0
87 30.4 18.4 27.6#
59 14.5 8.6 13.0#





#23
 Vinyl Acetate
 Concen: 90.437 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD074150.D
 Acq: 19 Aug 2022 15:59

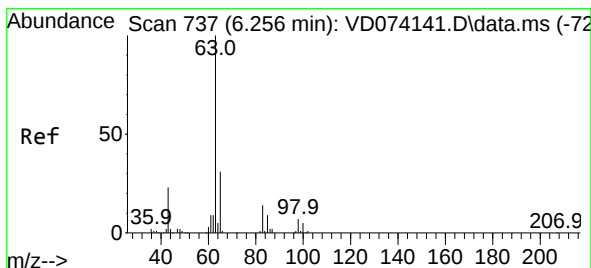
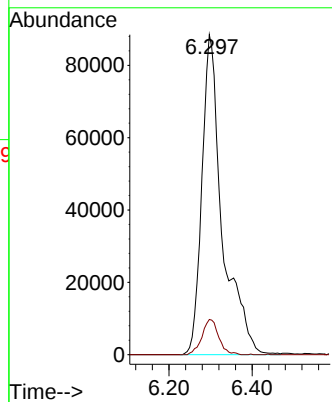
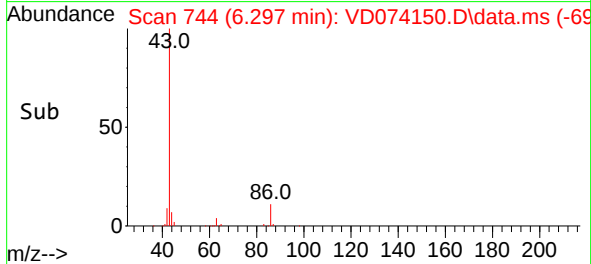
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02



Tgt Ion: 43 Resp: 302368
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7

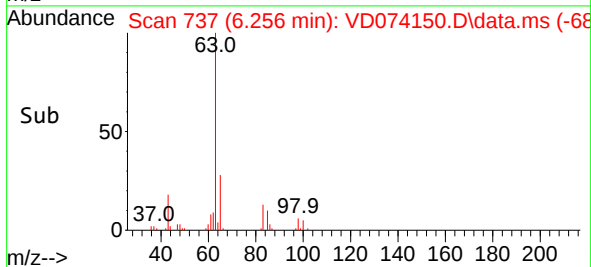
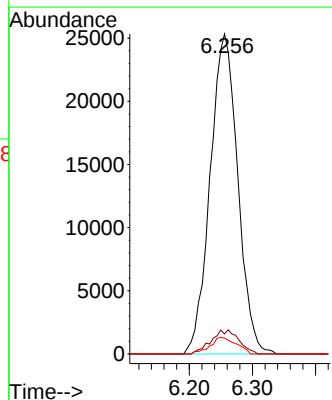
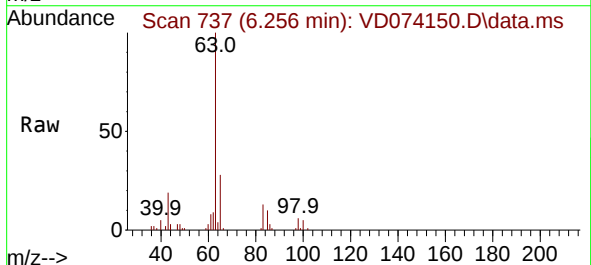
Manual Integrations
 APPROVED

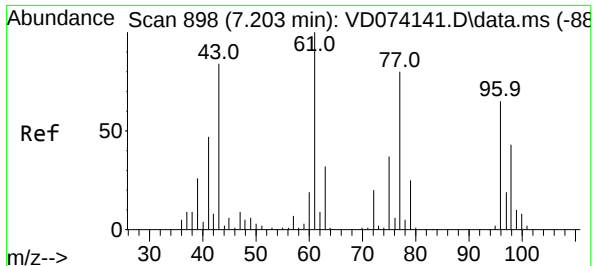
Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#24
 1,1-Dichloroethane
 Concen: 19.319 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD074150.D
 Acq: 19 Aug 2022 15:59

Tgt Ion: 63 Resp: 76990
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 90.822 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.006 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion: 43 Resp: 5724

Ion Ratio Lower Upper

43 100

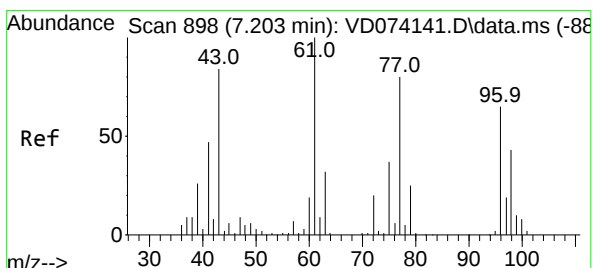
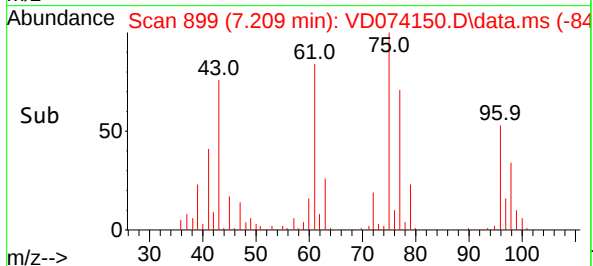
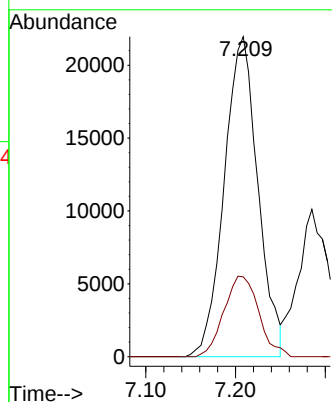
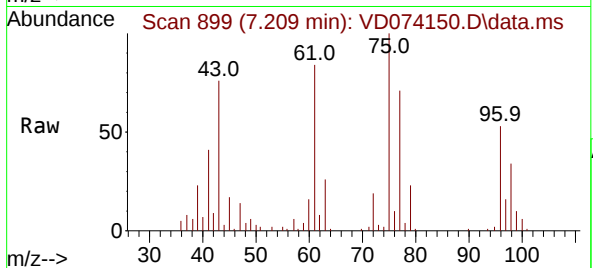
72 24.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#26

2,2-Dichloropropane

Concen: 20.355 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.006 min

Lab File: VD074150.D

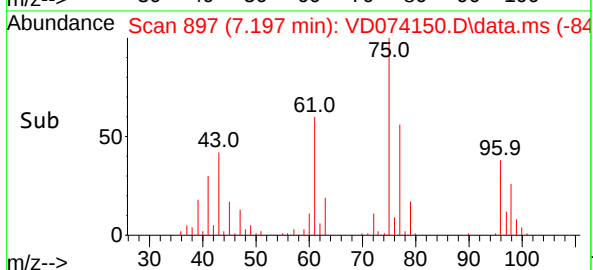
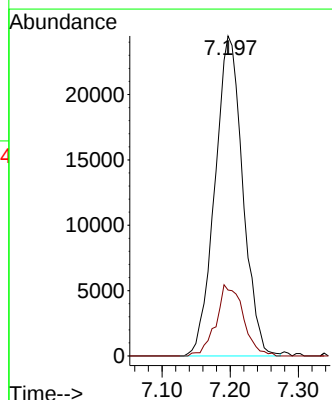
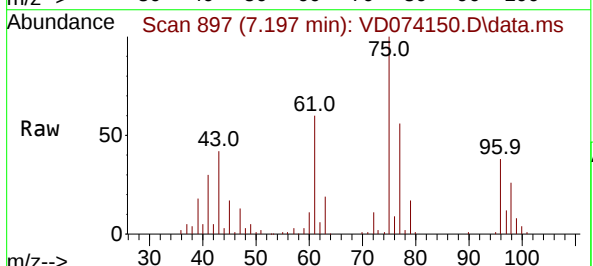
Acq: 19 Aug 2022 15:59

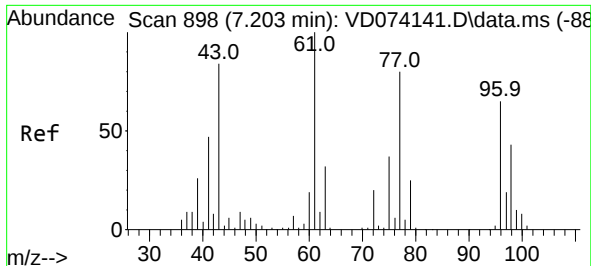
Tgt Ion: 77 Resp: 69618

Ion Ratio Lower Upper

77 100

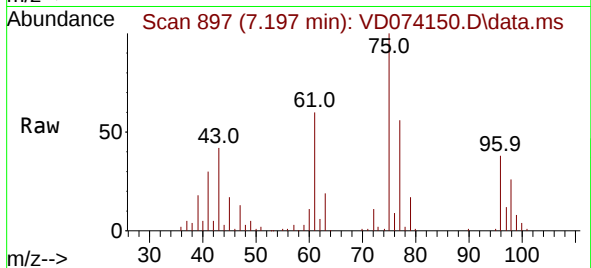
97 21.6 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.343 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.006 min
 Lab File: VD074150.D
 Acq: 19 Aug 2022 15:59

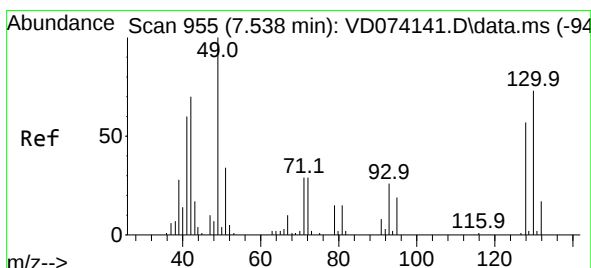
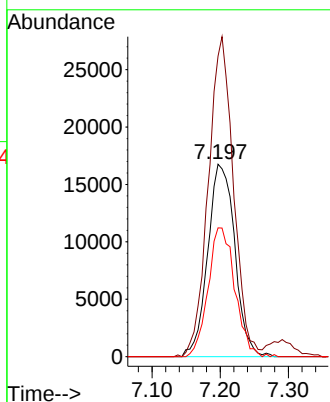
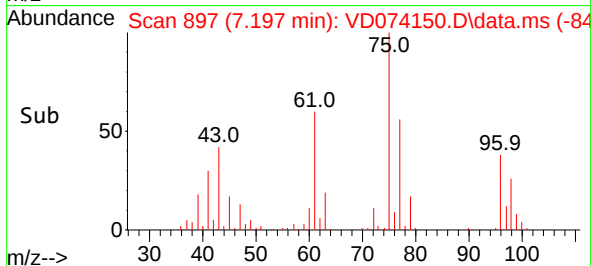
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02



Tgt Ion: 96 Resp: 4631
 Ion Ratio Lower Upper
 96 100
 61 154.8 0.0 313.8
 98 66.2 0.0 128.8

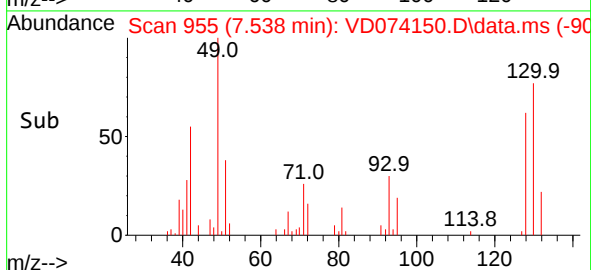
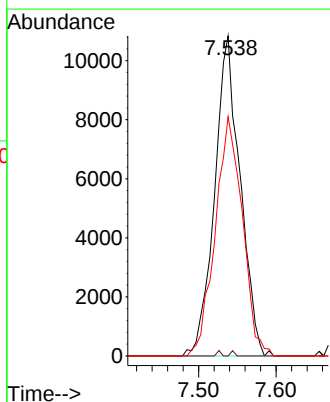
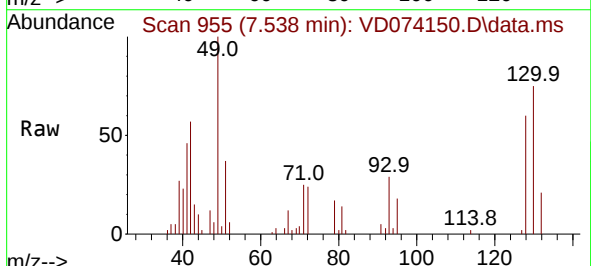
Manual Integrations
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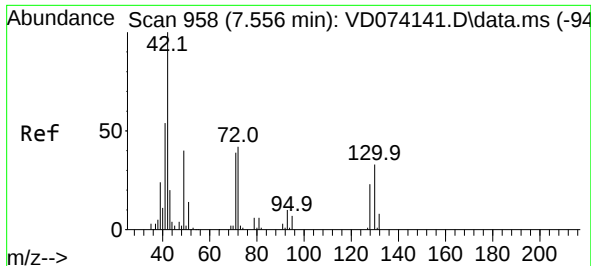
Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#28
 Bromochloromethane
 Concen: 19.570 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD074150.D
 Acq: 19 Aug 2022 15:59

Tgt Ion: 49 Resp: 24835
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 4.0
 130 79.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 87.655 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.005 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

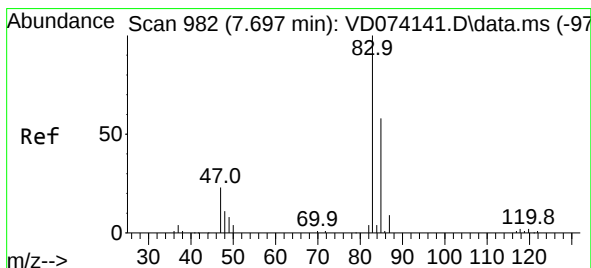
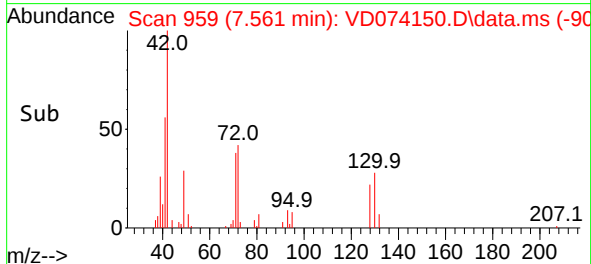
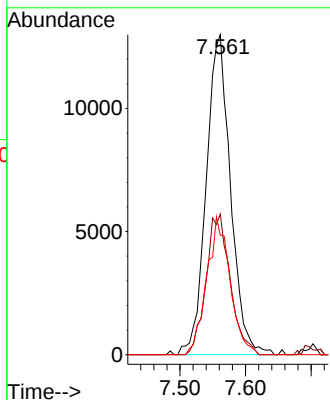
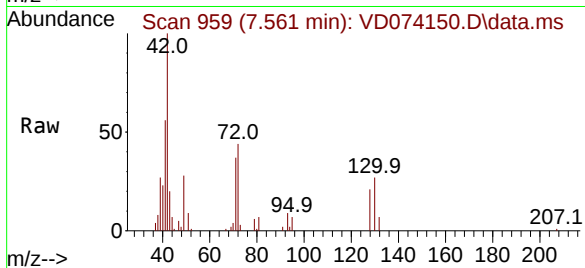
Tgt Ion:	42	Resp:	33509
Ion Ratio	Lower	Upper	
42	100		
72	43.5	30.7	46.1
71	41.4	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#30

Chloroform

Concen: 19.015 ug/l

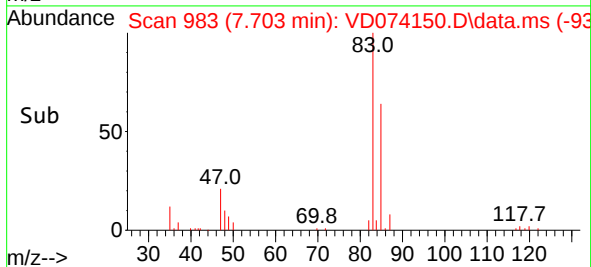
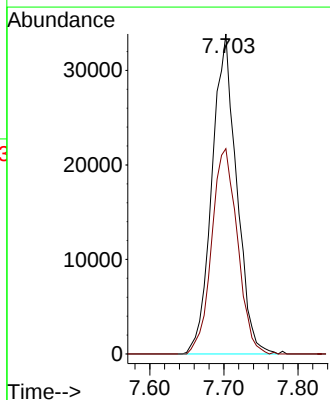
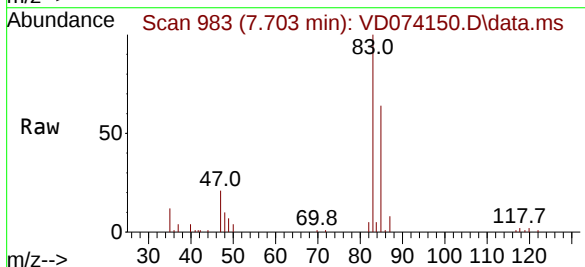
RT: 7.703 min Scan# 983

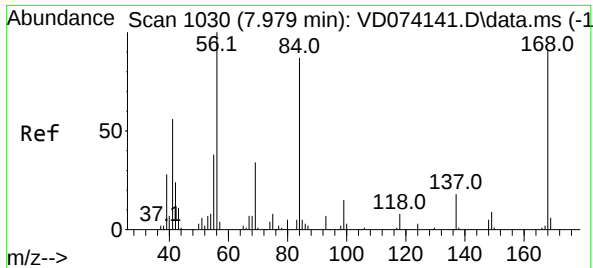
Delta R.T. 0.006 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

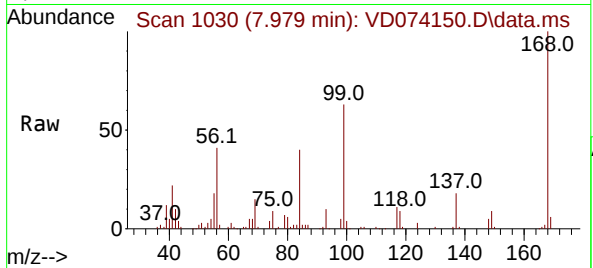
Tgt Ion:	83	Resp:	78172
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.7	79.1





#31
Cyclohexane
Concen: 18.170 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

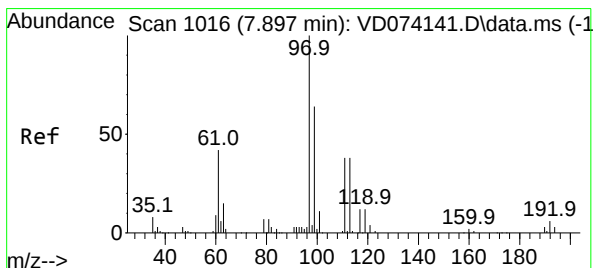
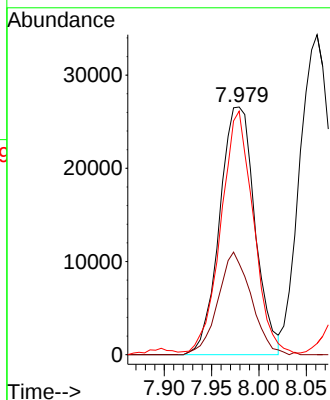
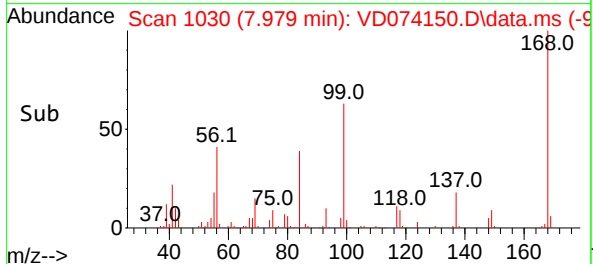
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



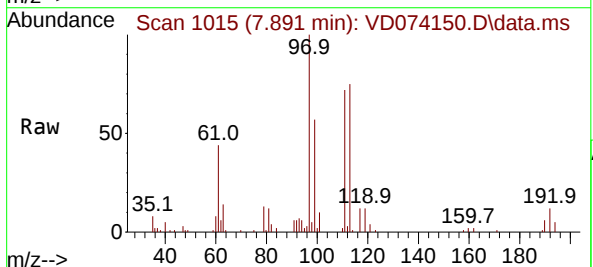
Tgt Ion: 56 Resp: 68994
Ion Ratio Lower Upper
56 100
69 36.8 25.4 38.2
84 97.3 63.0 94.4

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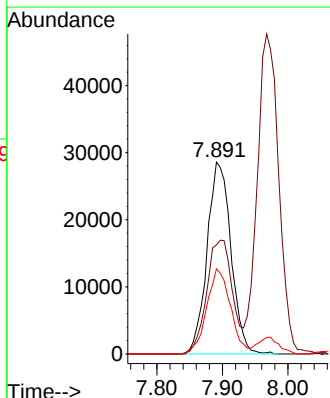
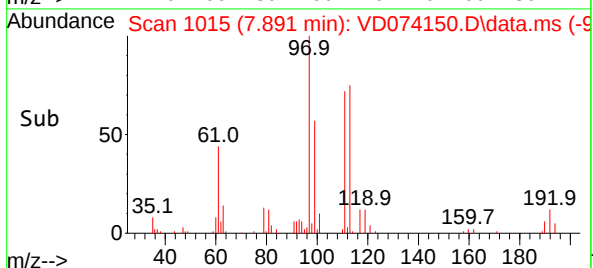
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

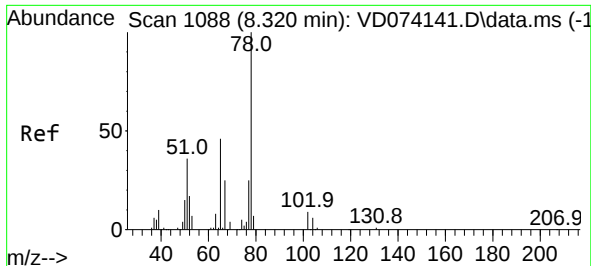


#32
1,1,1-Trichloroethane
Concen: 19.769 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59



Tgt Ion: 97 Resp: 72312
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 43.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 46.147 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion: 65 Resp: 62150

Ion Ratio Lower Upper

65 100

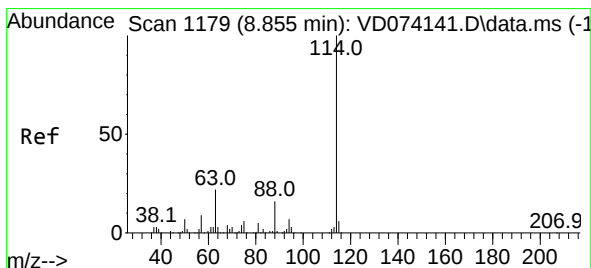
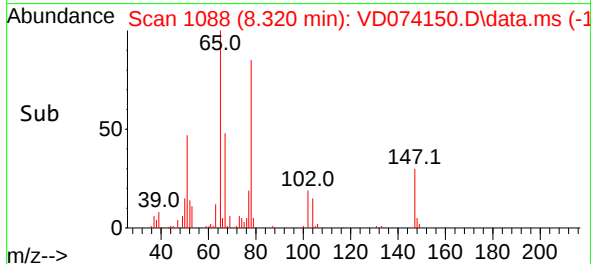
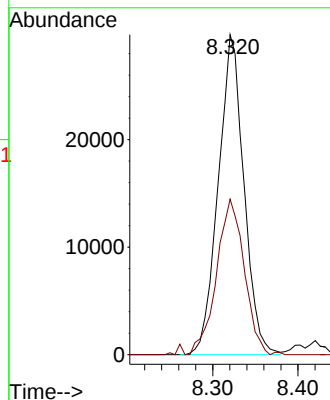
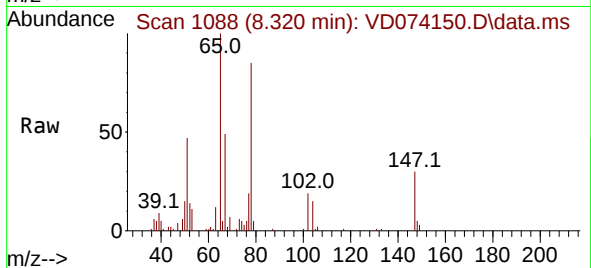
67 52.7 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

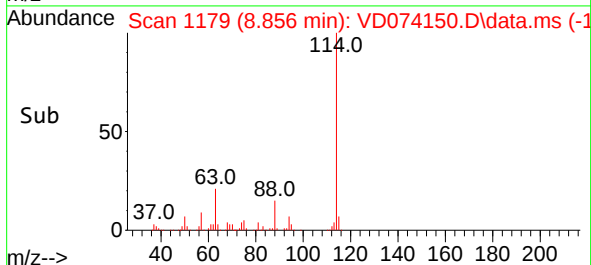
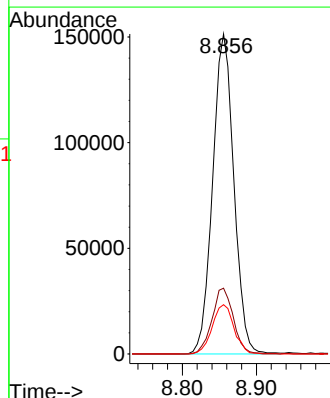
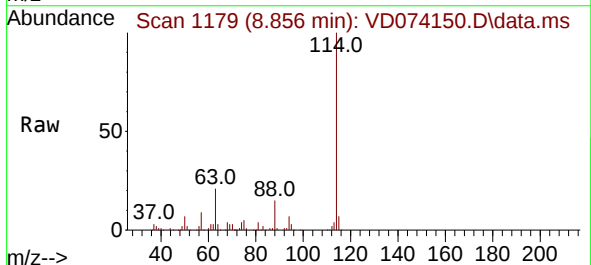
Tgt Ion:114 Resp: 300644

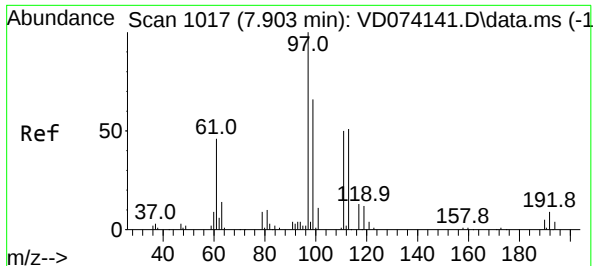
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.043 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

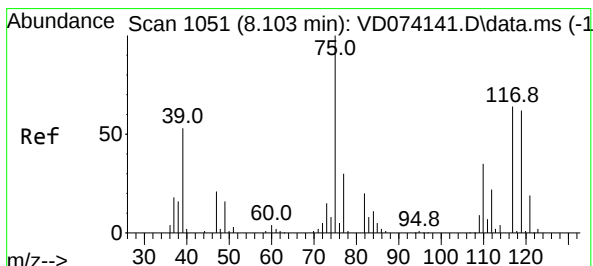
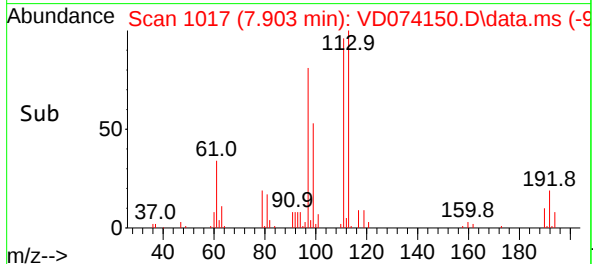
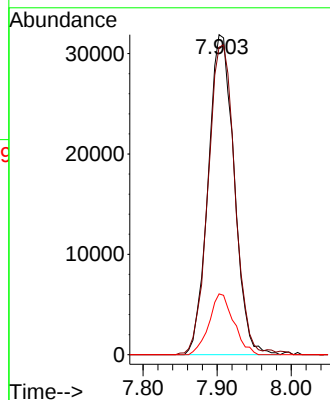
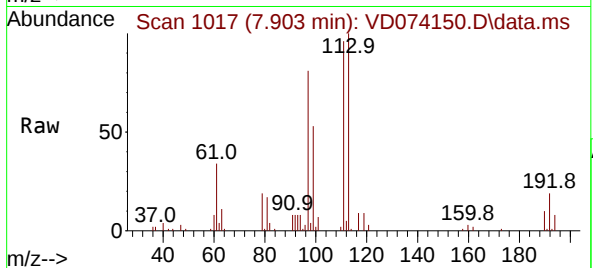
Tgt Ion:	113	Resp:	77794
Ion Ratio	Lower	Upper	
113	100		
111	99.0	83.8	125.6
192	18.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#36

1,1-Dichloropropene

Concen: 19.615 ug/l

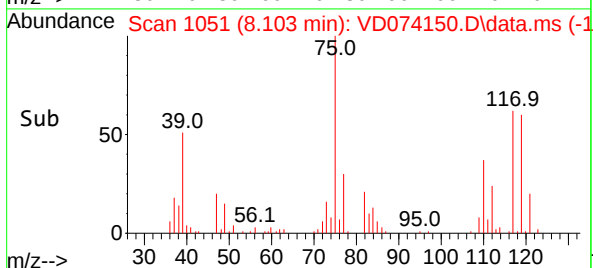
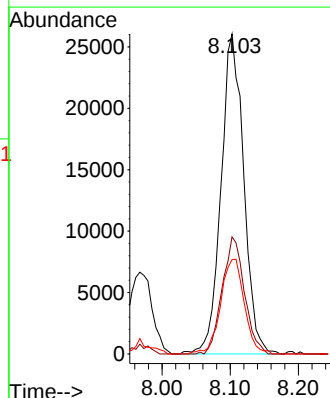
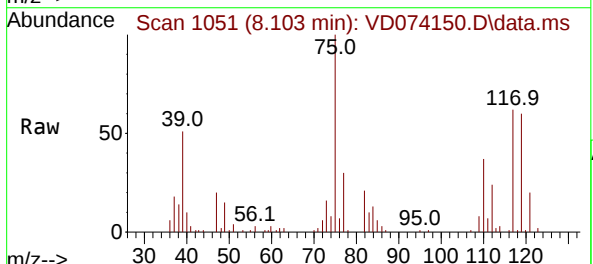
RT: 8.103 min Scan# 1051

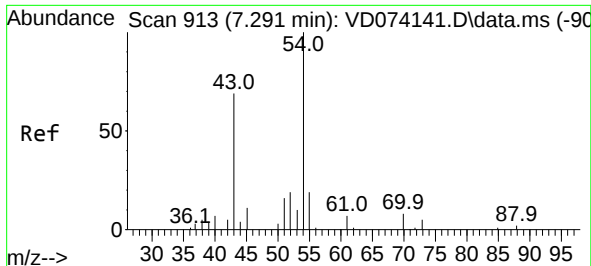
Delta R.T. -0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

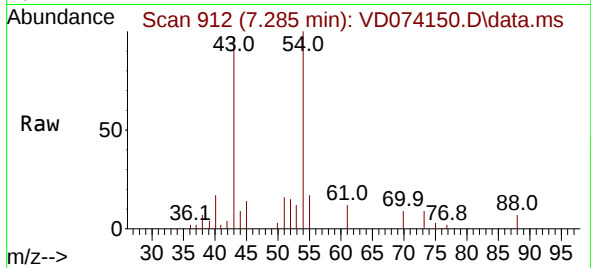
Tgt Ion:	75	Resp:	60364
Ion Ratio	Lower	Upper	
75	100		
110	35.8	16.4	49.1
77	30.9	24.2	36.2





#37
Ethyl Acetate
Concen: 18.970 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

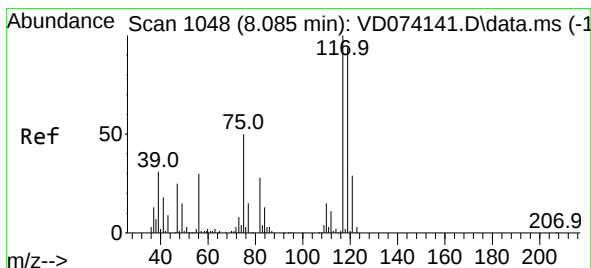
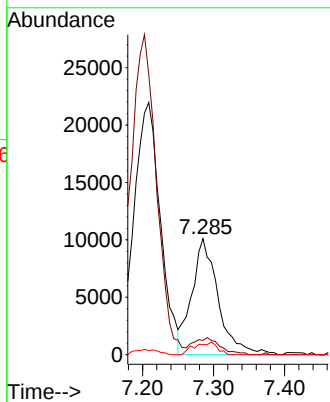
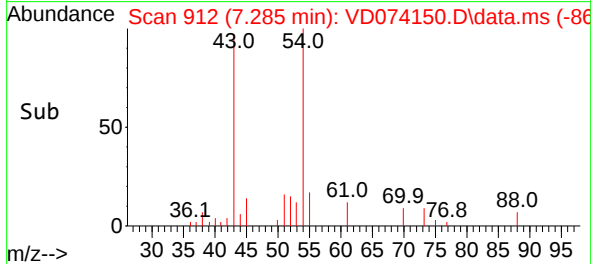
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
61 14.7 9.8 14.8
70 9.4 6.9 10.3

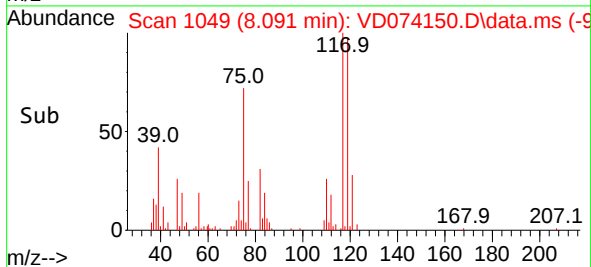
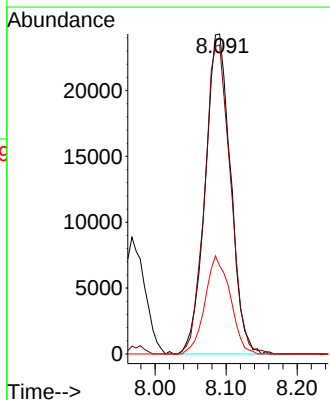
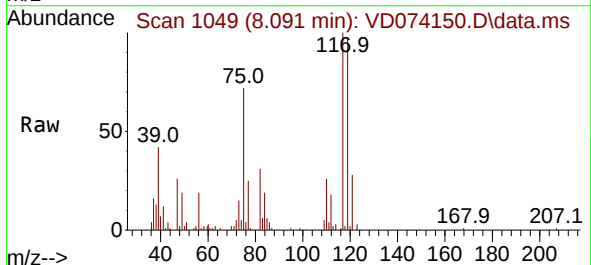
Manual Integrations
APPROVED

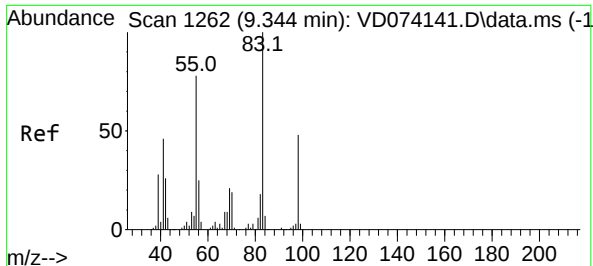
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#38
Carbon Tetrachloride
Concen: 19.764 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion:117 Resp: 60149
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
121 27.6 24.5 36.7





#39

Methylcyclohexane

Concen: 18.500 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

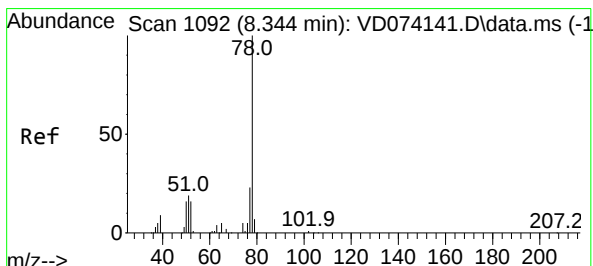
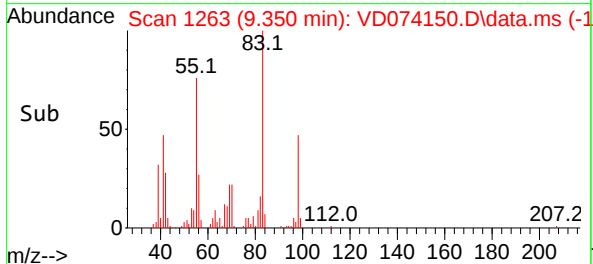
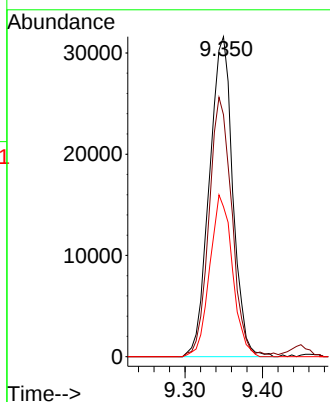
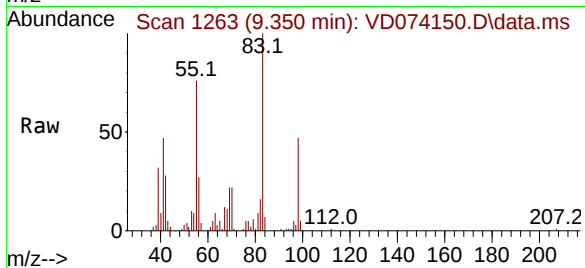
Tgt Ion:	83	Resp:	6635
Ion Ratio	Lower	Upper	
83	100		
55	75.6	63.2	94.8
98	46.8	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#40

Benzene

Concen: 19.835 ug/l

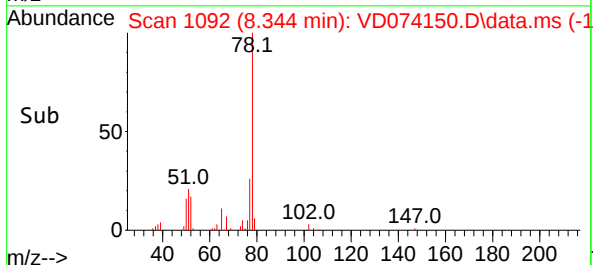
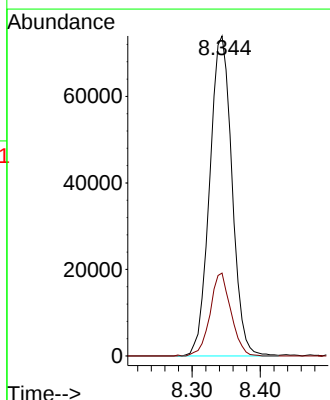
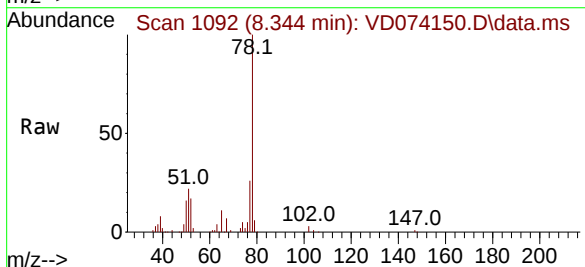
RT: 8.344 min Scan# 1092

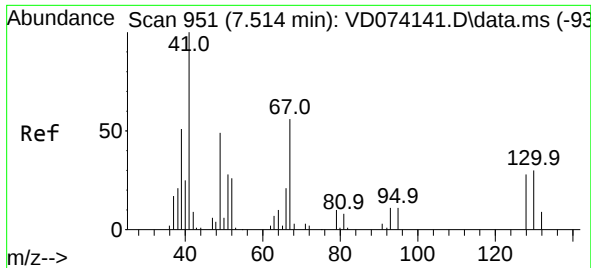
Delta R.T. -0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

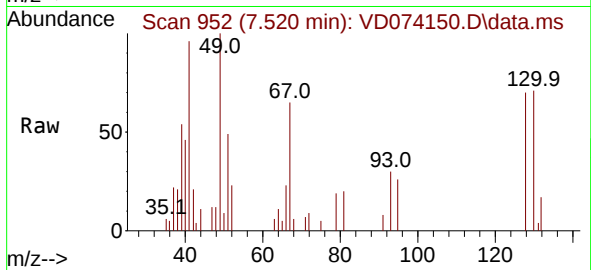
Tgt Ion:	78	Resp:	168552
Ion Ratio	Lower	Upper	
78	100		
77	25.9	19.1	28.7





#41
Methacrylonitrile
Concen: 19.325 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

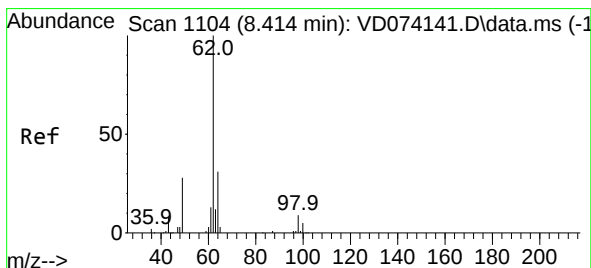
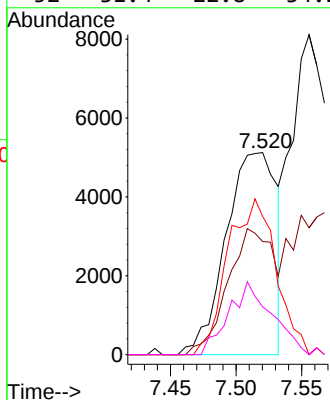
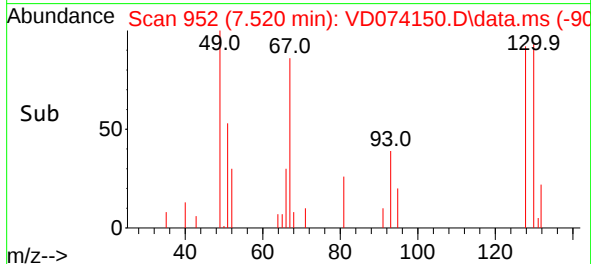
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



Tgt Ion: 41 Resp: 13714
Ion Ratio Lower Upper
41 100
39 56.7 44.6 67.0
67 74.0 48.2 72.4
52 31.4 22.8 34.2

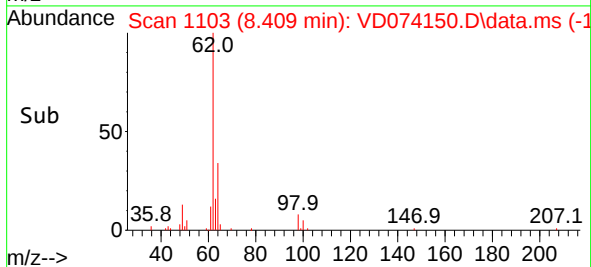
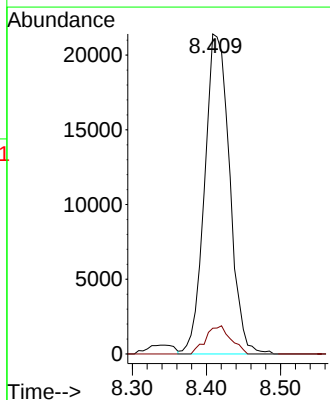
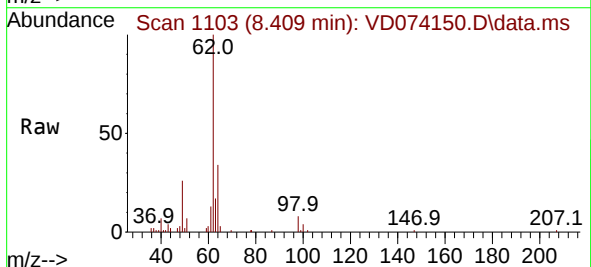
Manual Integrations
APPROVED

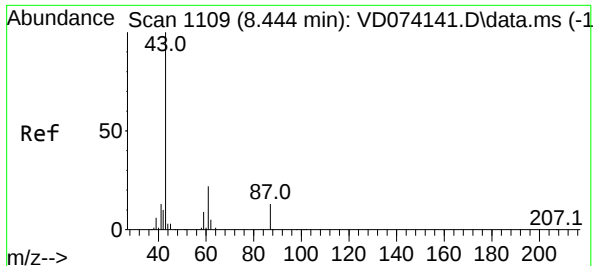
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#42
1,2-Dichloroethane
Concen: 19.805 ug/l
RT: 8.409 min Scan# 1103
Delta R.T. -0.005 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion: 62 Resp: 50052
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 18.115 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD074150.D

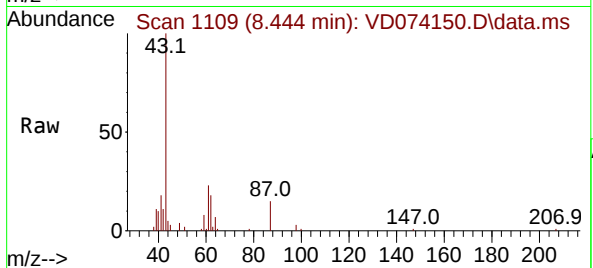
Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02



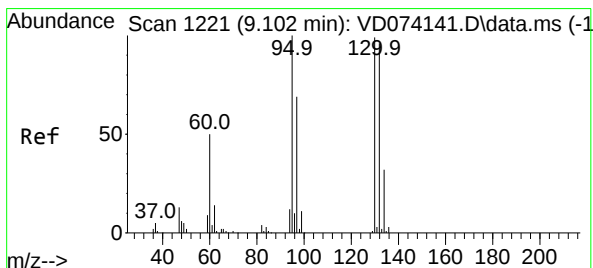
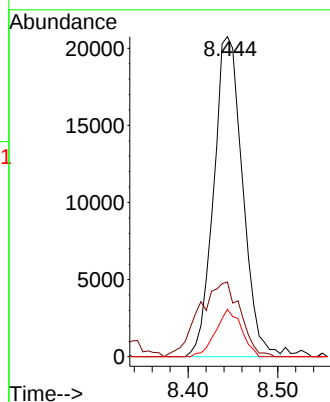
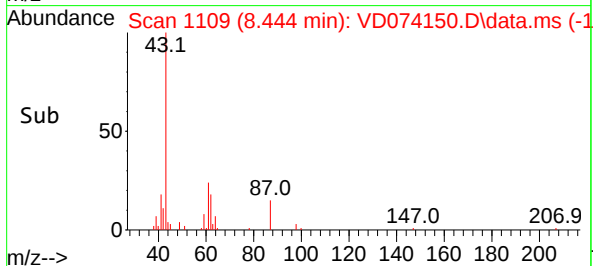
Tgt Ion:	43	Resp:	46264
Ion Ratio	Lower	Upper	
43	100		
61	33.5	22.4	33.6
87	13.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#44

Trichloroethene

Concen: 20.686 ug/l

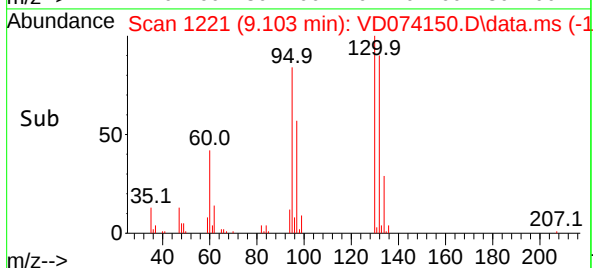
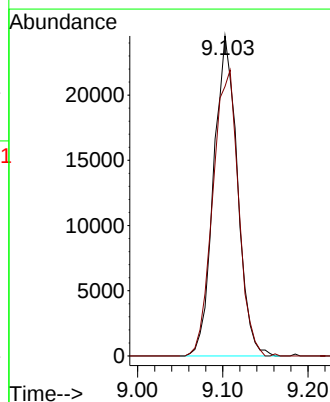
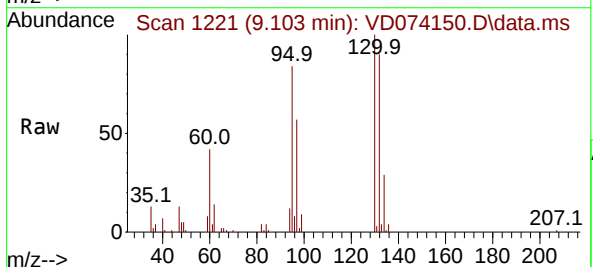
RT: 9.103 min Scan# 1221

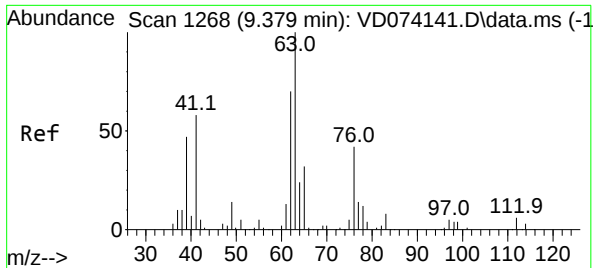
Delta R.T. 0.001 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Tgt Ion:	130	Resp:	47472
Ion Ratio	Lower	Upper	
130	100		
95	84.2	0.0	205.4





#45

1,2-Dichloropropane

Concen: 19.541 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion: 63 Resp: 4207

Ion Ratio Lower Upper

63 100

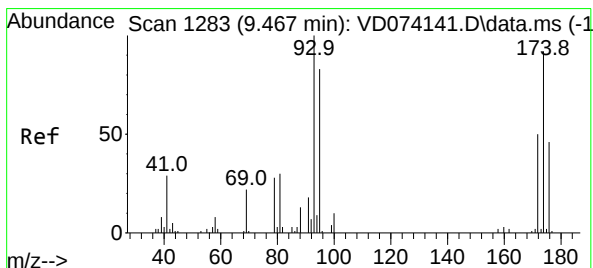
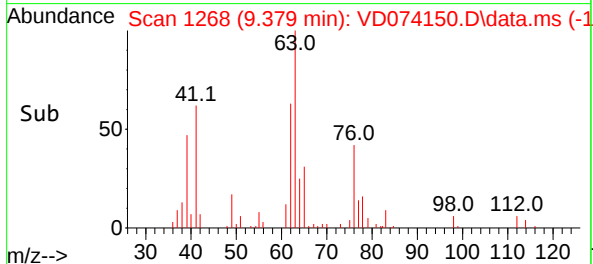
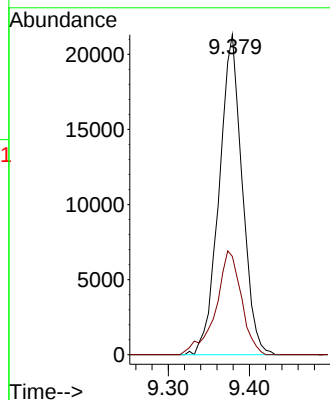
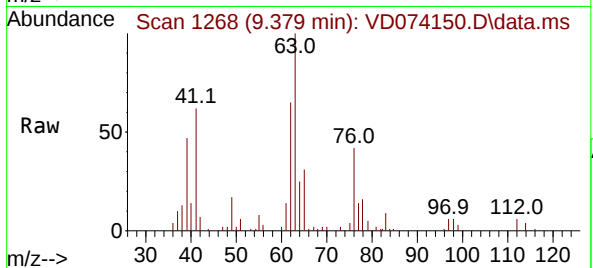
65 30.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#46

Dibromomethane

Concen: 19.818 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

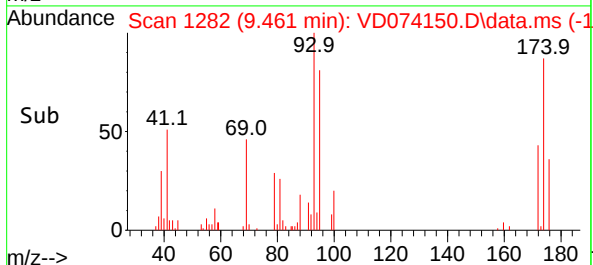
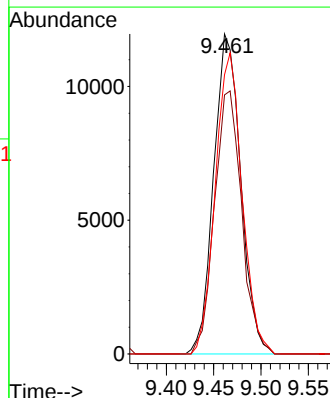
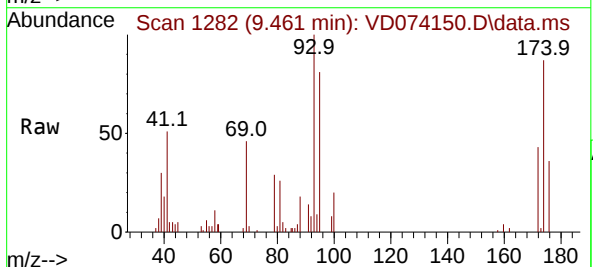
Tgt Ion: 93 Resp: 23791

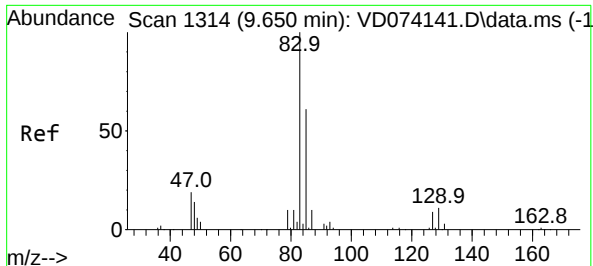
Ion Ratio Lower Upper

93 100

95 82.7 66.7 100.1

174 93.3 71.6 107.4





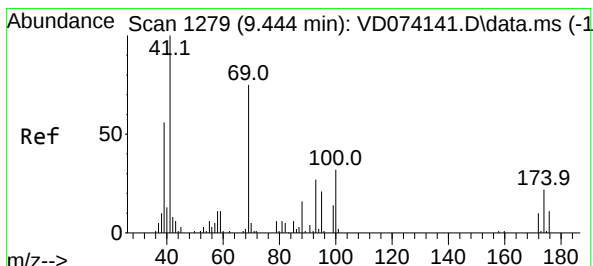
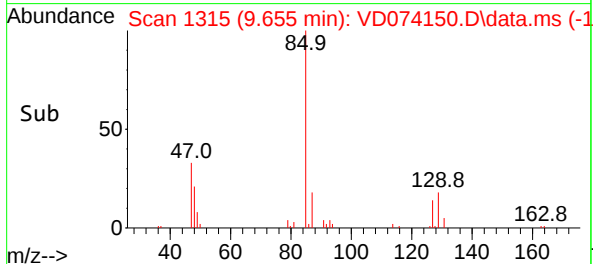
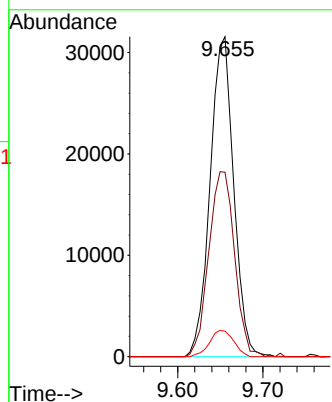
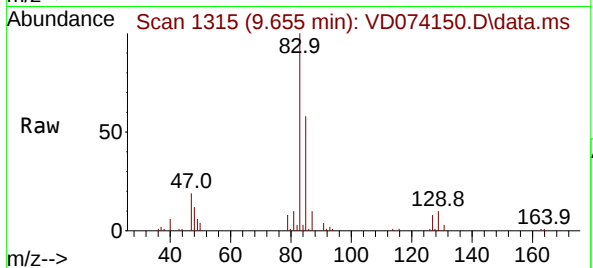
#47
Bromodichloromethane
Concen: 20.015 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 83 Resp: 60749
Ion Ratio Lower Upper
83 100
85 57.7 51.4 77.0
127 8.0 6.1 9.1

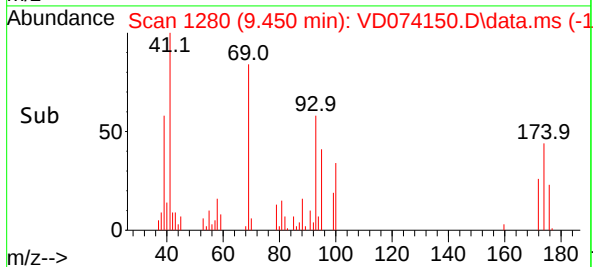
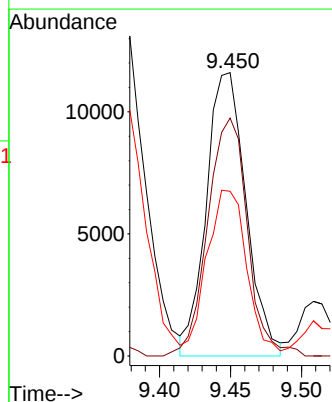
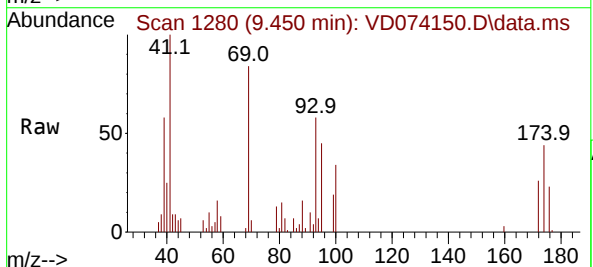
Manual Integrations
APPROVED

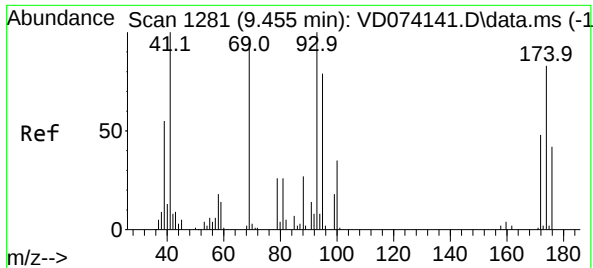
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#48
Methyl methacrylate
Concen: 17.928 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion: 41 Resp: 22565
Ion Ratio Lower Upper
41 100
69 84.0 56.7 85.1
39 55.0 42.7 64.1





#49

1,4-Dioxane

Concen: 399.424 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.001 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion: 88 Resp: 5140

Ion Ratio Lower Upper

88 100

43 39.7 31.0 46.4

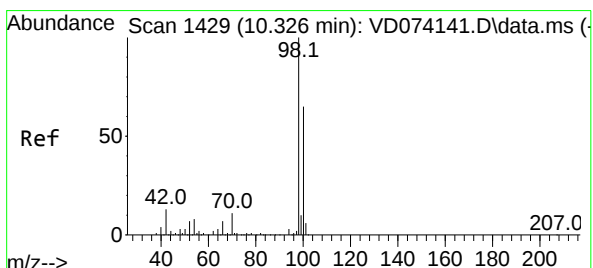
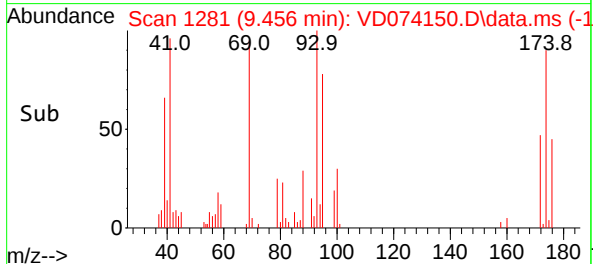
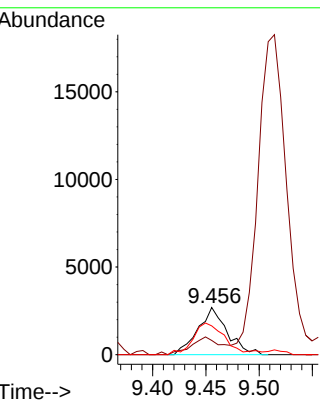
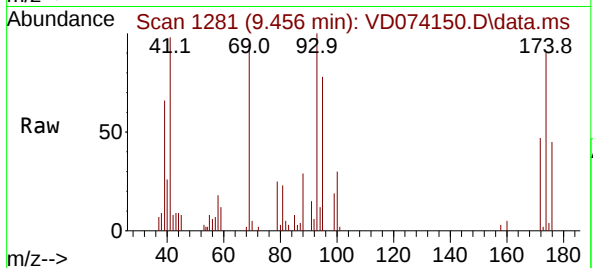
58 71.7 58.1 87.1

Manual Integrations

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Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#50

Toluene-d8

Concen: 46.523 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VD074150.D

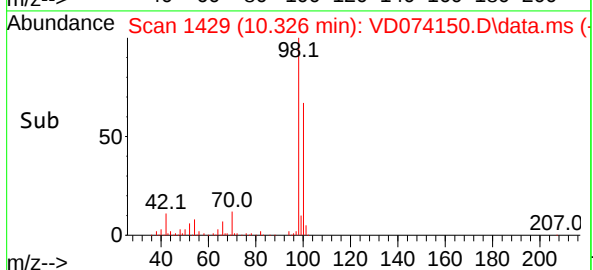
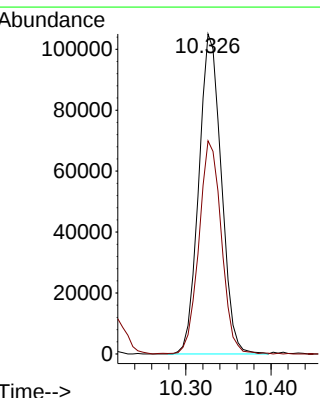
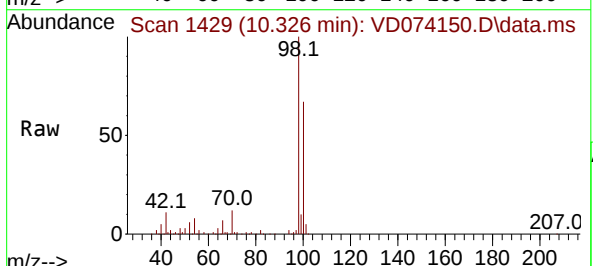
Acq: 19 Aug 2022 15:59

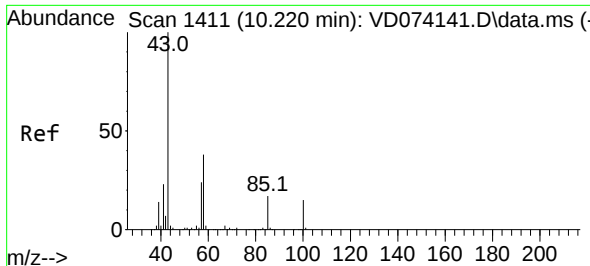
Tgt Ion: 98 Resp: 193137

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6





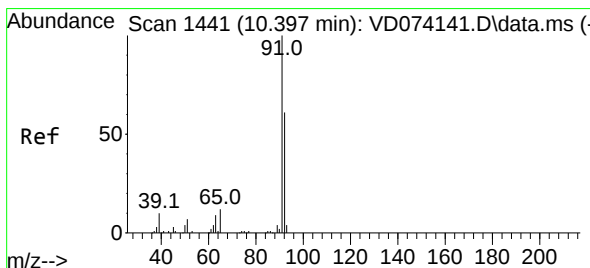
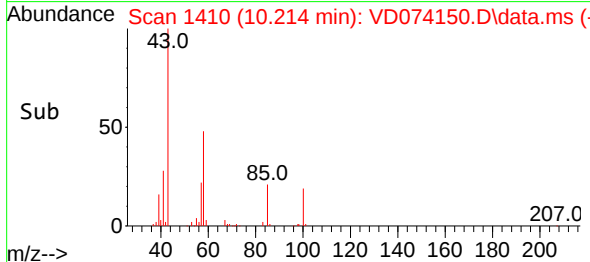
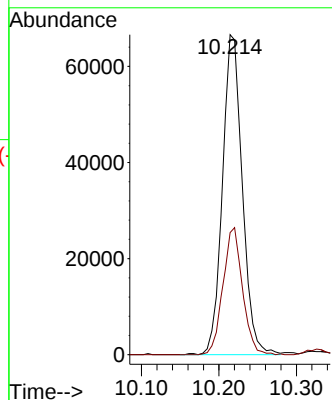
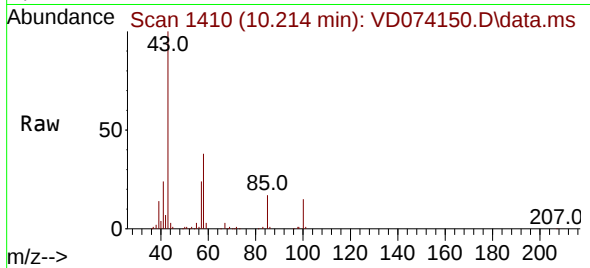
#51
4-Methyl-2-Pentanone
Concen: 90.319 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 43 Resp: 118712
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0

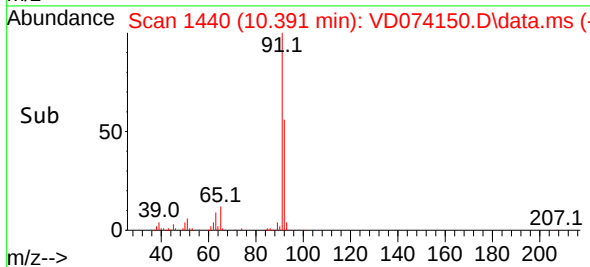
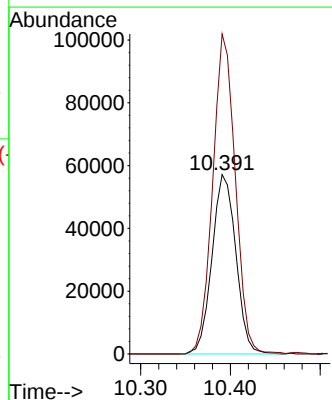
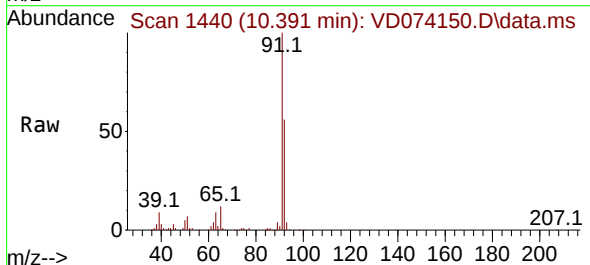
Manual Integrations
APPROVED

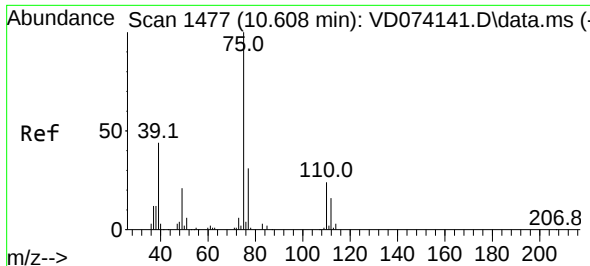
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#52
Toluene
Concen: 20.073 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion: 92 Resp: 105267
Ion Ratio Lower Upper
92 100
91 169.4 139.6 209.4





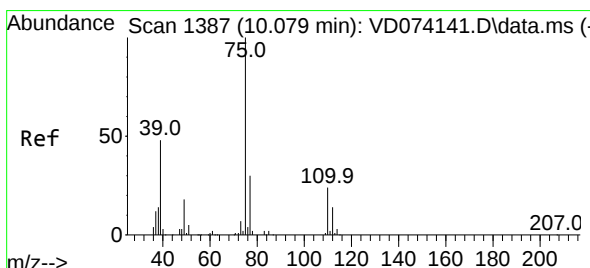
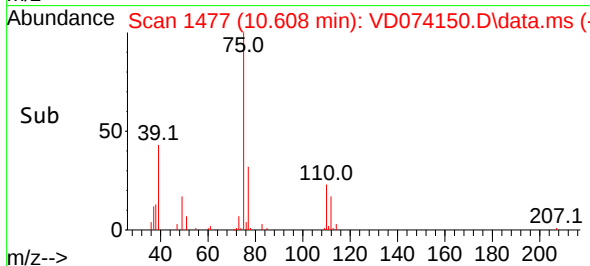
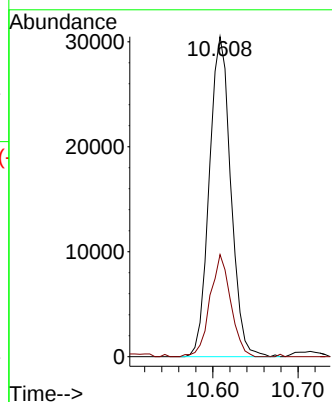
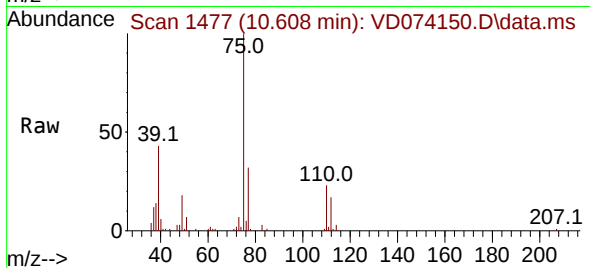
#53
t-1,3-Dichloropropene
Concen: 19.379 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 75 Resp: 5344
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7

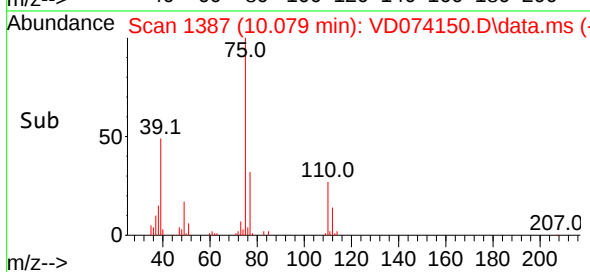
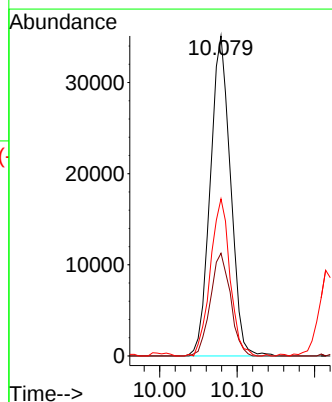
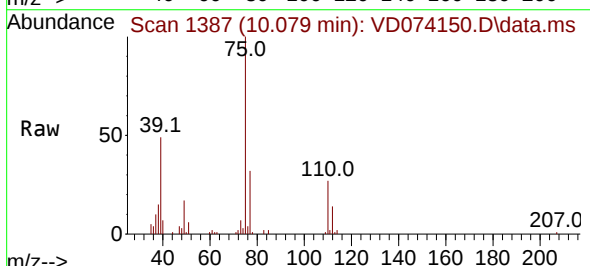
Manual Integrations
APPROVED

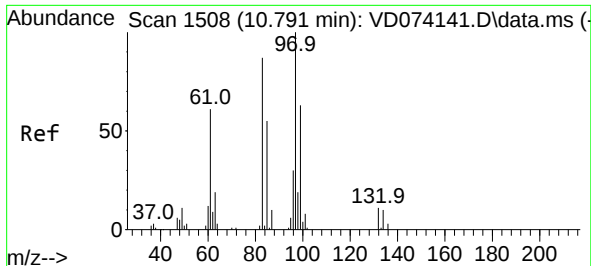
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#54
cis-1,3-Dichloropropene
Concen: 19.355 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

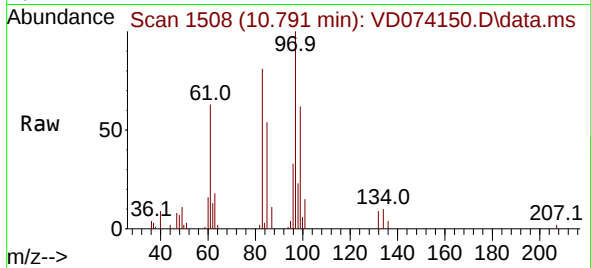
Tgt Ion: 75 Resp: 63709
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 49.1 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 19.862 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

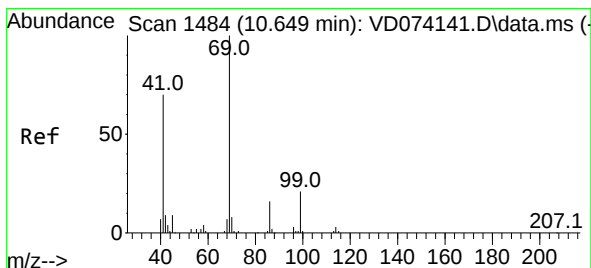
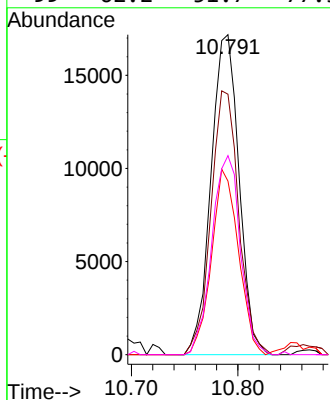
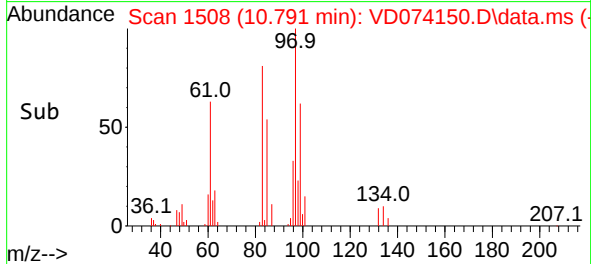
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



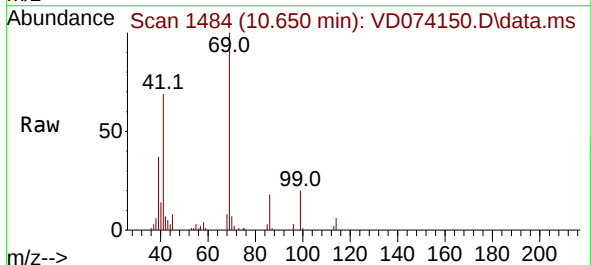
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.4	69.0	103.4
85	54.3	42.6	63.8
99	62.2	51.7	77.5

Manual Integrations
APPROVED

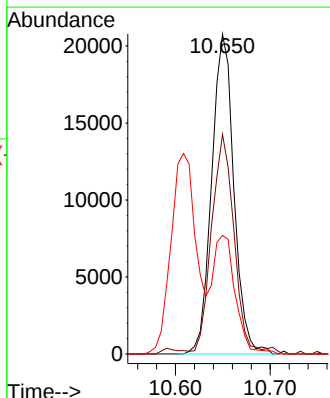
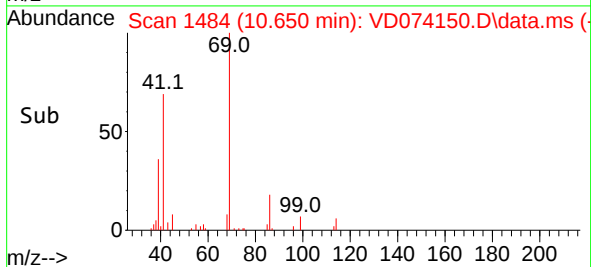
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

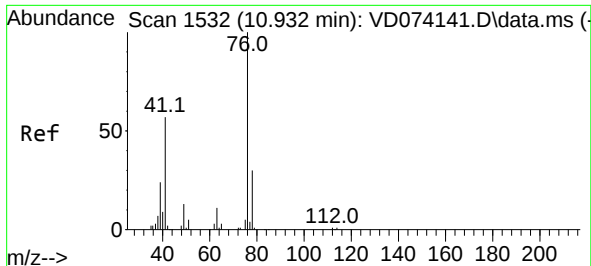


#56
Ethyl methacrylate
Concen: 17.477 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	63.0	94.6
39	37.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 18.520 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.006 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion: 76 Resp: 51824

Ion Ratio Lower Upper

76 100

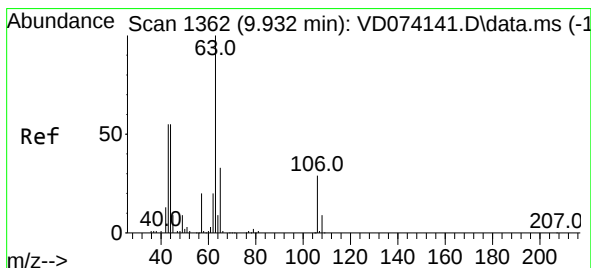
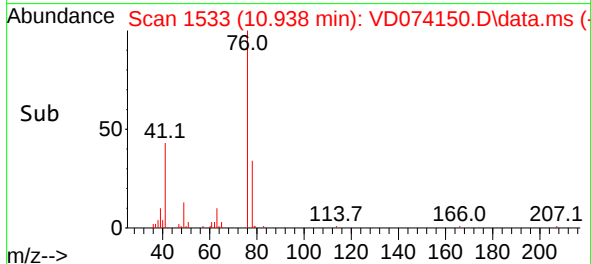
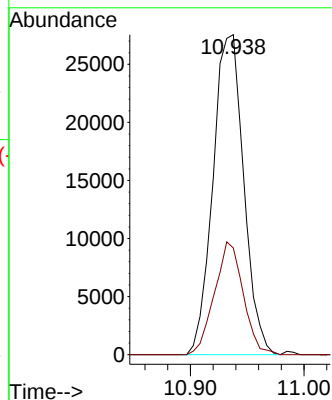
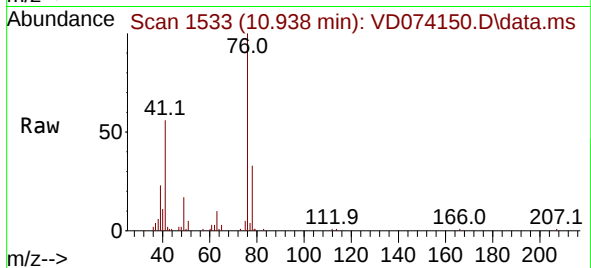
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 108.149 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074150.D

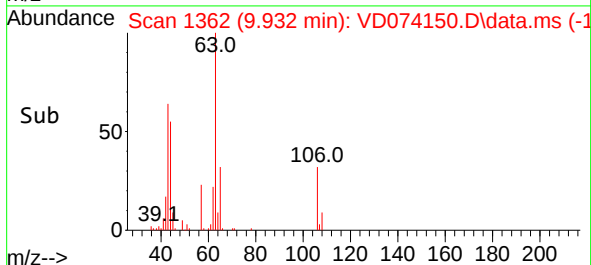
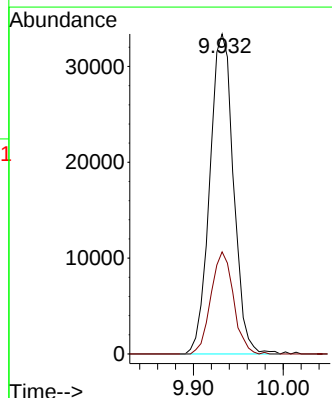
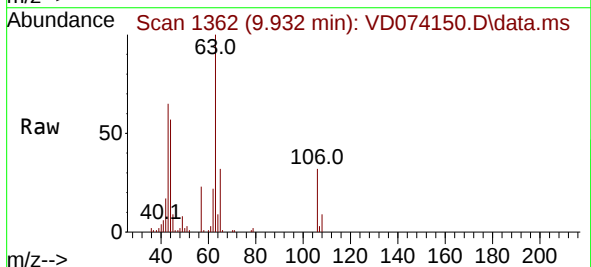
Acq: 19 Aug 2022 15:59

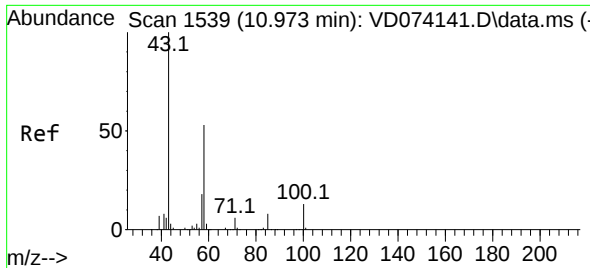
Tgt Ion: 63 Resp: 61260

Ion Ratio Lower Upper

63 100

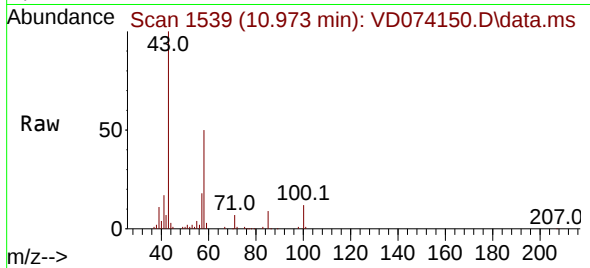
106 30.3 21.4 32.0





#59
2-Hexanone
Concen: 90.670 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

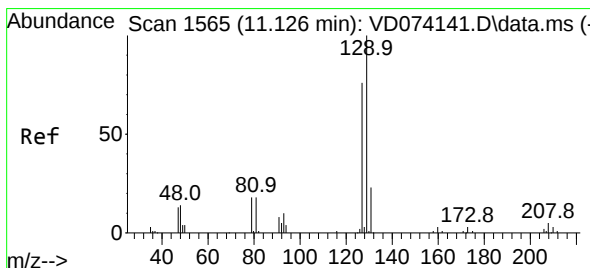
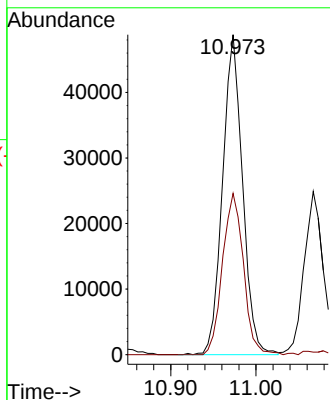
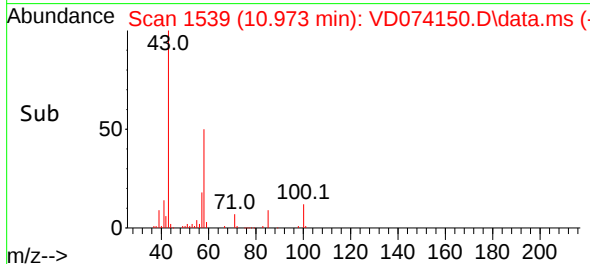
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



Tgt Ion: 43 Resp: 79480
Ion Ratio Lower Upper
43 100
58 52.8 25.3 75.9

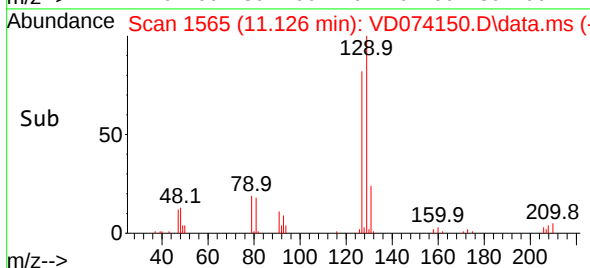
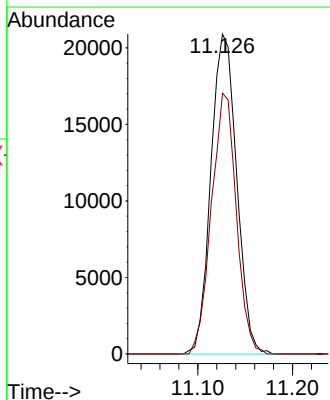
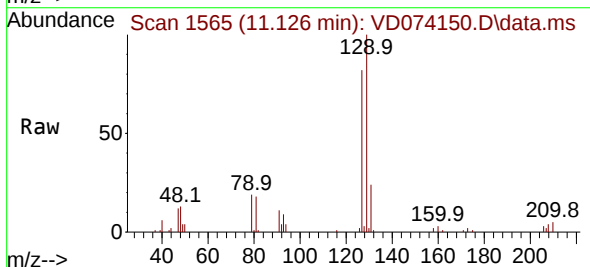
Manual Integrations
APPROVED

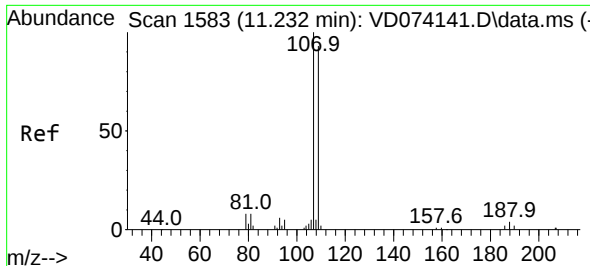
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#60
Dibromochloromethane
Concen: 19.836 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

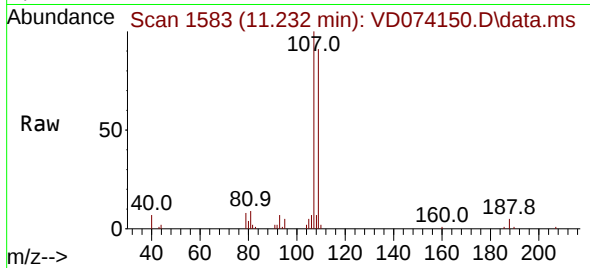
Tgt Ion:129 Resp: 39481
Ion Ratio Lower Upper
129 100
127 78.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.127 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

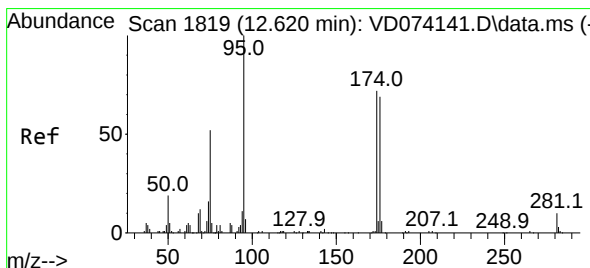
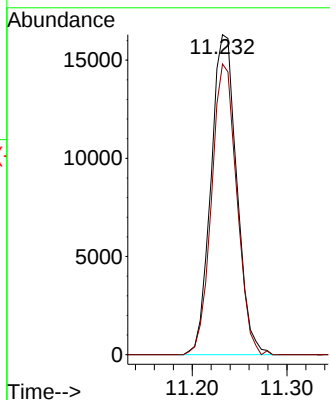
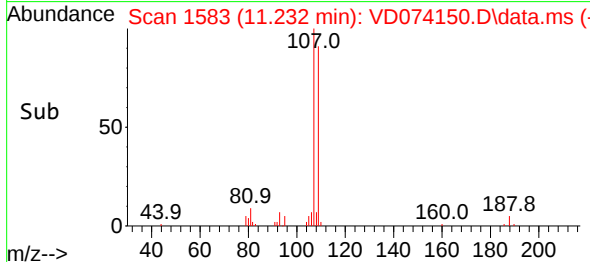
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



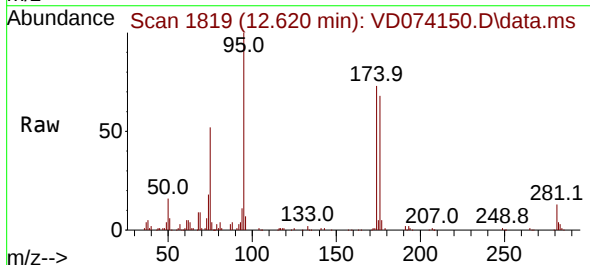
Tgt Ion:107 Resp: 30908
Ion Ratio Lower Upper
107 100
109 88.6 74.2 111.4

Manual Integrations
APPROVED

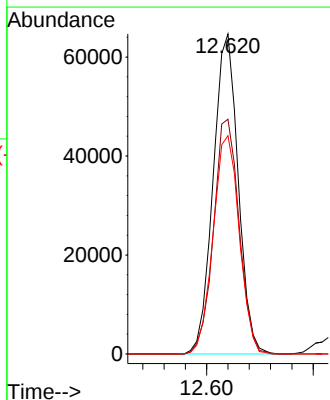
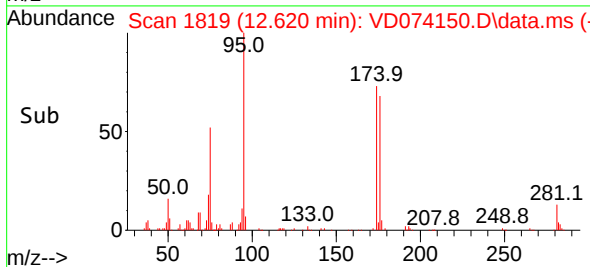
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

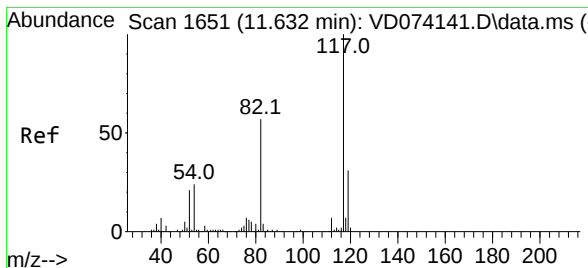


#62
4-Bromofluorobenzene
Concen: 46.692 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59



Tgt Ion: 95 Resp: 105039
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion:117 Resp: 27312

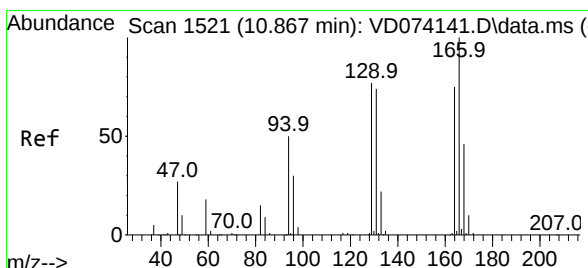
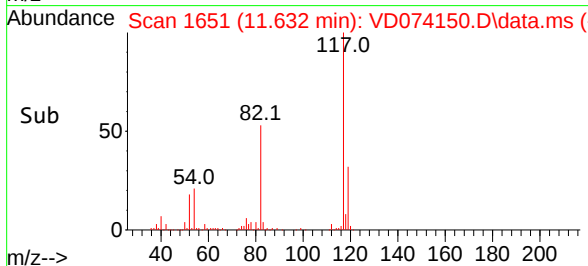
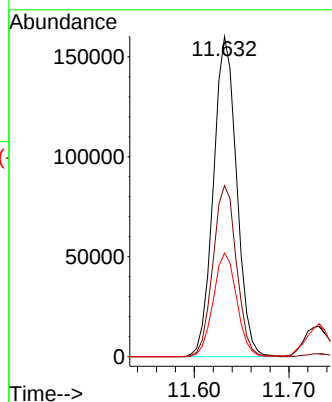
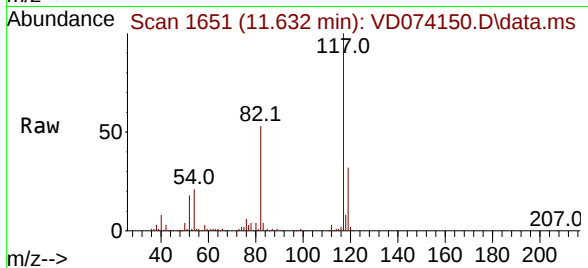
Ion	Ratio	Lower	Upper
117	100		
82	53.4	45.3	67.9
119	32.4	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#64

Tetrachloroethene

Concen: 20.475 ug/l

RT: 10.867 min Scan# 1521

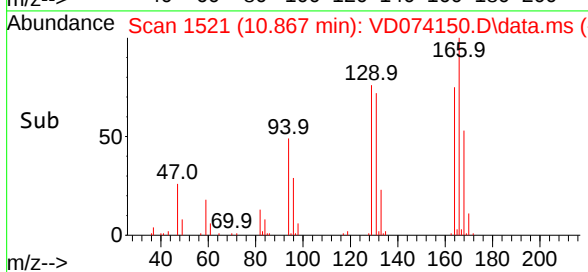
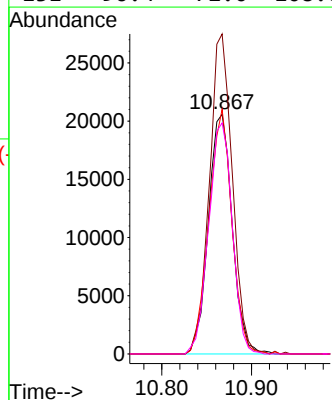
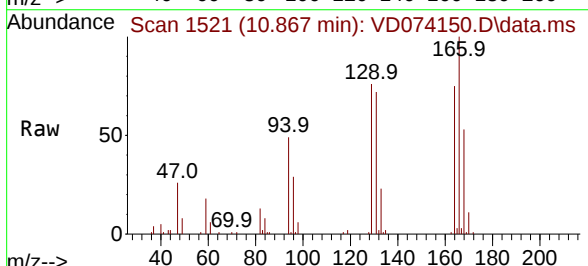
Delta R.T. 0.000 min

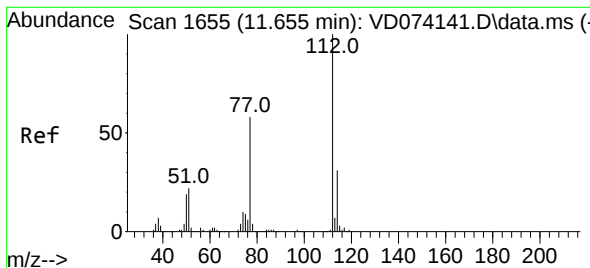
Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Tgt Ion:164 Resp: 37959

Ion	Ratio	Lower	Upper
164	100		
166	133.5	98.5	147.7
129	102.1	74.6	111.8
131	96.4	72.0	108.0





#65

Chlorobenzene

Concen: 20.388 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion:112 Resp: 11326

Ion Ratio Lower Upper

112 100

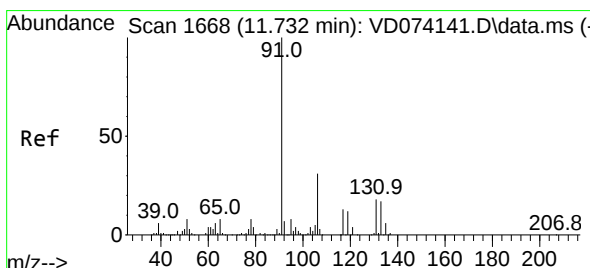
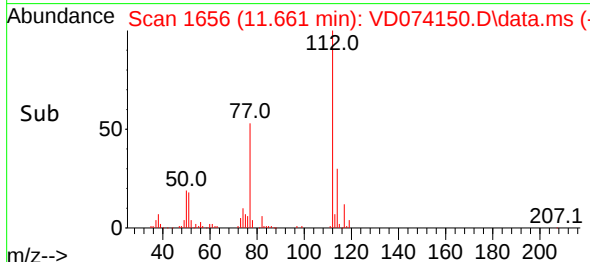
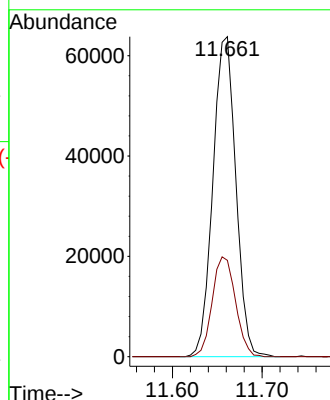
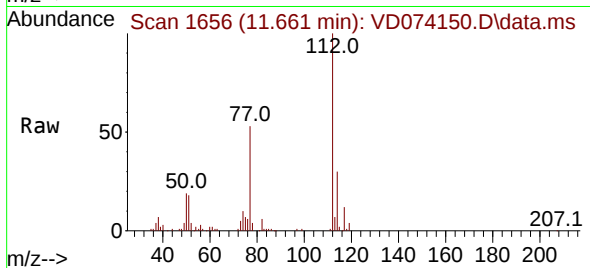
114 30.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 20.829 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

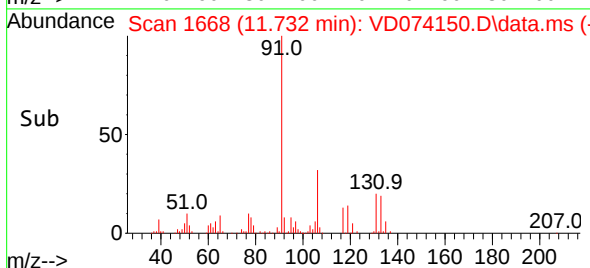
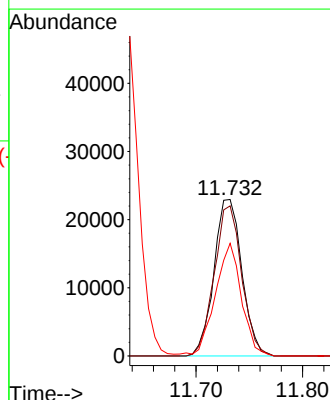
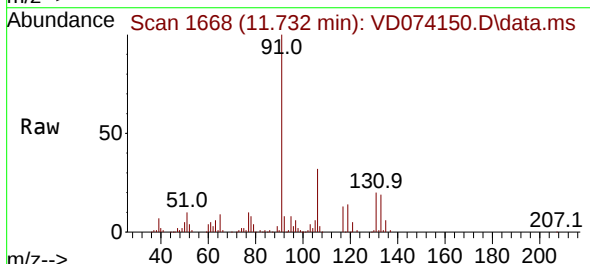
Tgt Ion:131 Resp: 41858

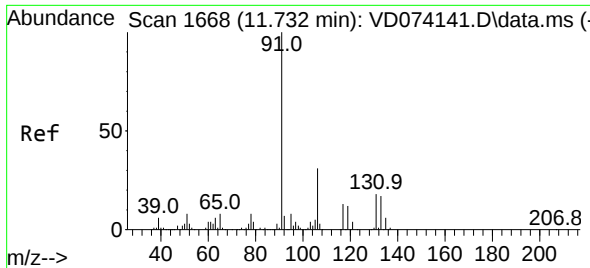
Ion Ratio Lower Upper

131 100

133 94.4 48.1 144.3

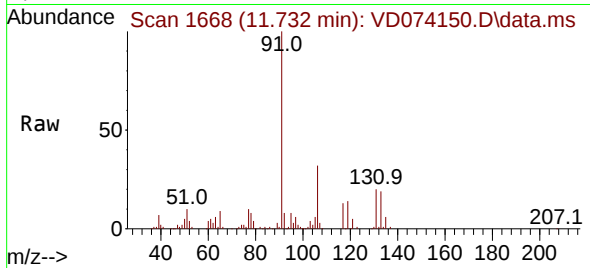
119 67.4 31.9 95.9





#67
Ethyl Benzene
Concen: 19.522 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

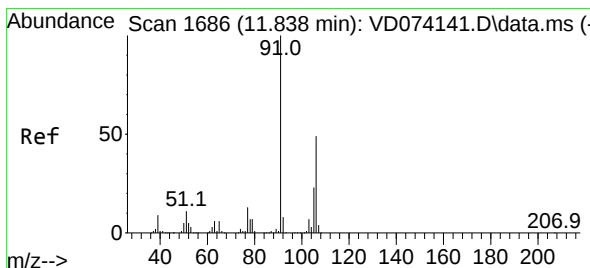
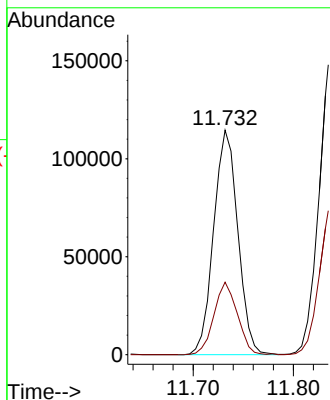
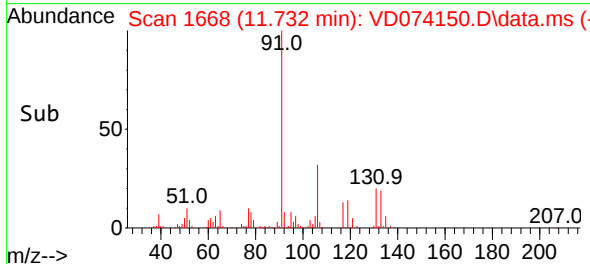
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



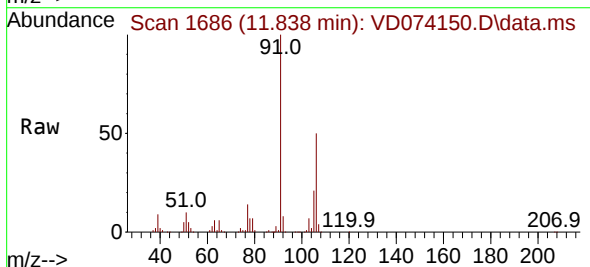
Tgt Ion: 91 Resp: 191538
Ion Ratio Lower Upper
91 100
106 32.3 24.2 36.4

Manual Integrations
APPROVED

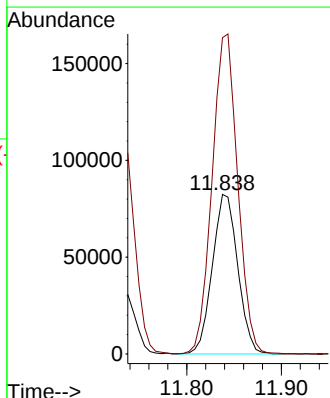
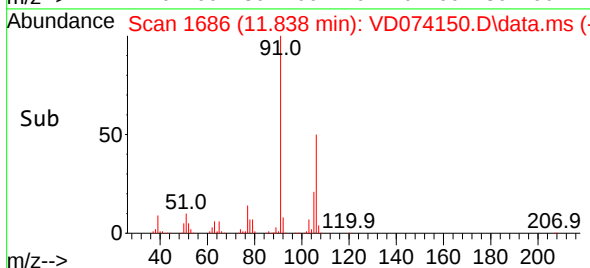
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

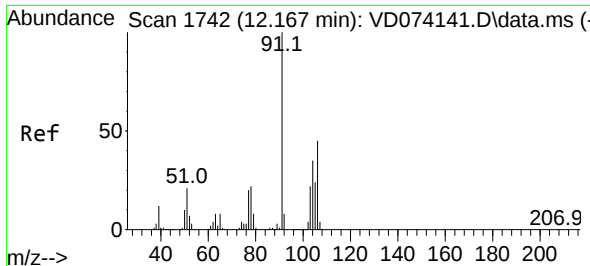


#68
m/p-Xylenes
Concen: 40.724 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59



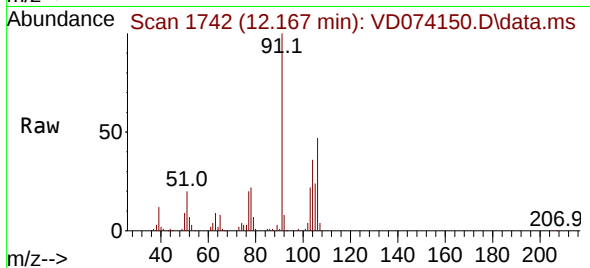
Tgt Ion:106 Resp: 153577
Ion Ratio Lower Upper
106 100
91 202.3 163.7 245.5





#69
o-Xylene
Concen: 19.552 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

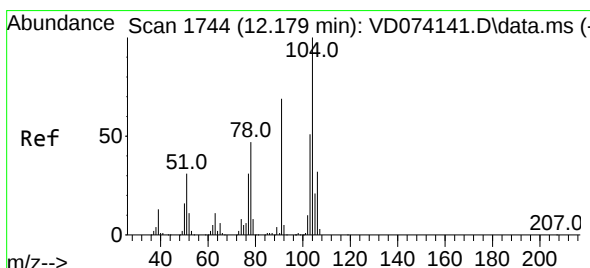
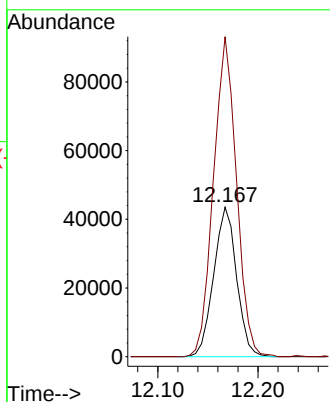
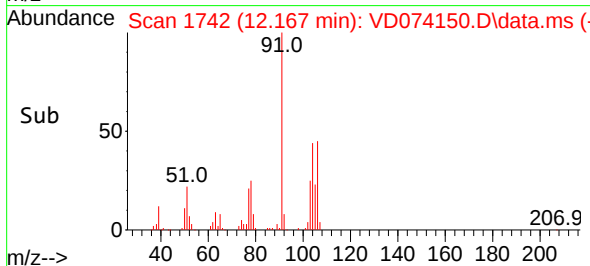
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



Tgt Ion:106 Resp: 68910
Ion Ratio Lower Upper
106 100
91 215.0 110.4 331.2

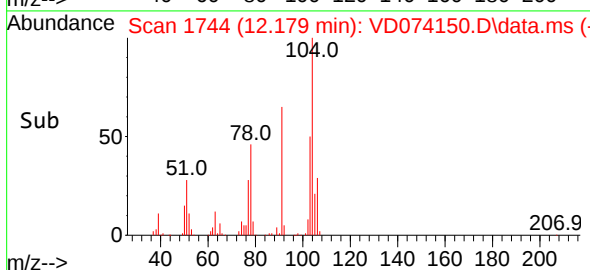
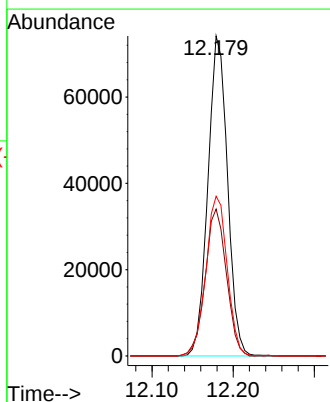
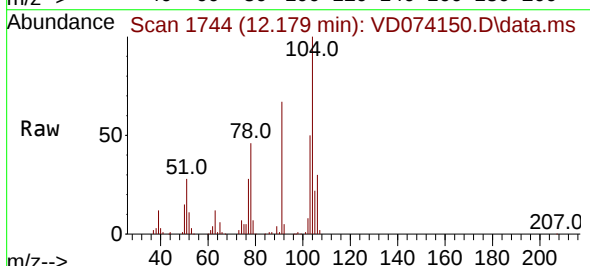
Manual Integrations
APPROVED

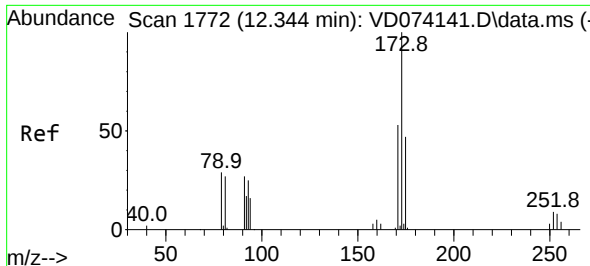
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#70
Styrene
Concen: 20.643 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

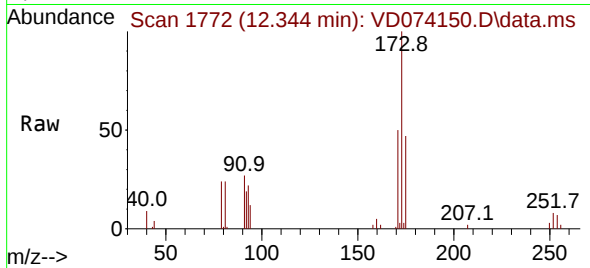
Tgt Ion:104 Resp: 124292
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 54.4 44.2 66.4





#71
Bromoform
Concen: 20.883 ug/l
RT: 12.344 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

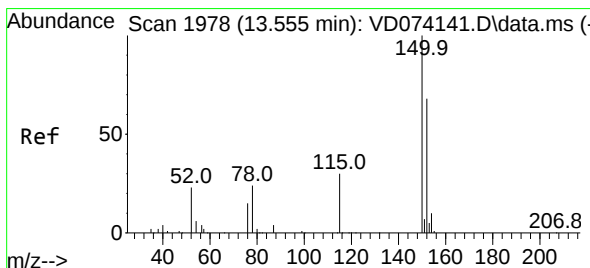
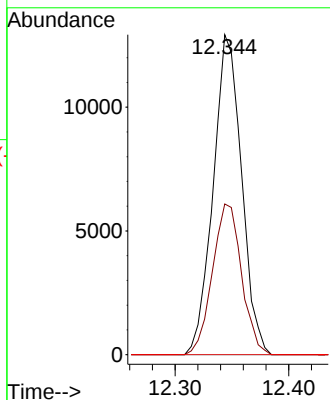
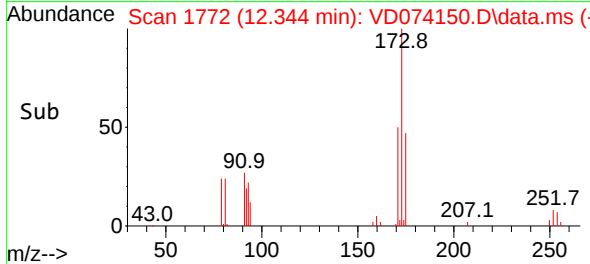
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



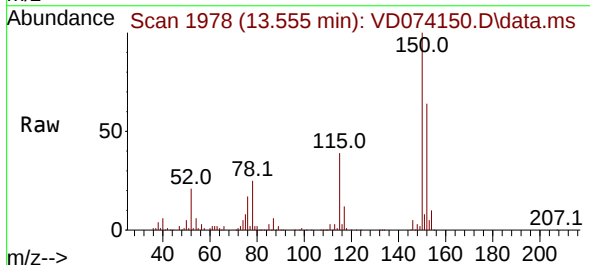
Tgt Ion:173 Resp: 2244
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

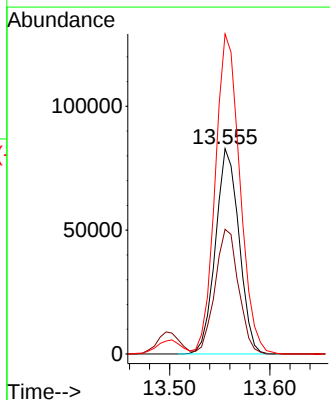
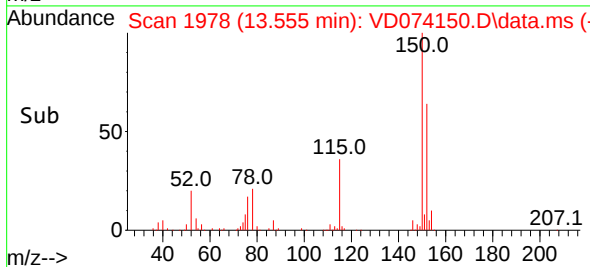
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

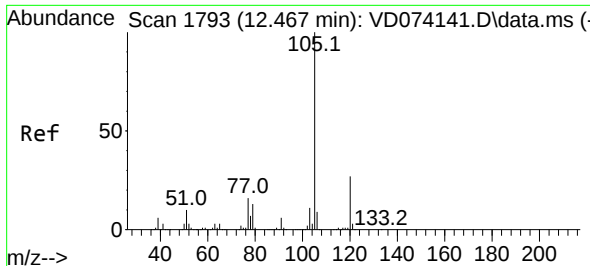


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59



Tgt Ion:152 Resp: 135035
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 163.5 0.0 348.6





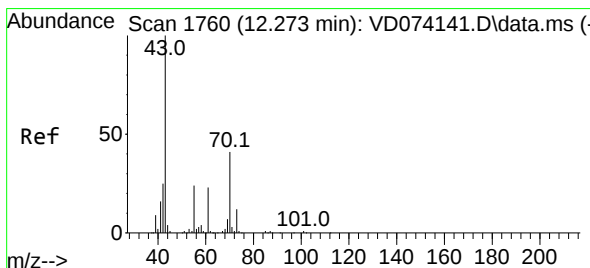
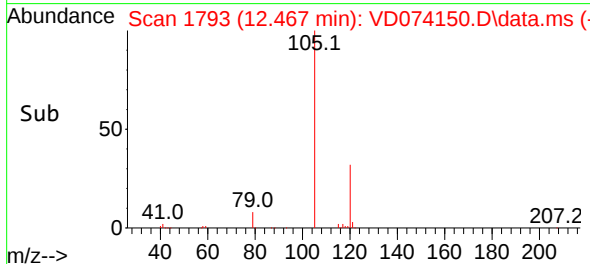
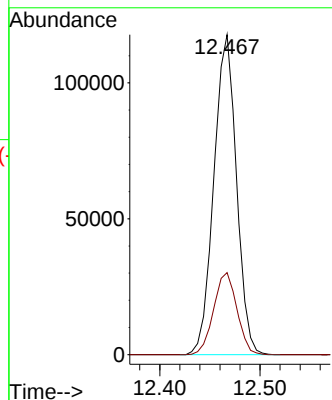
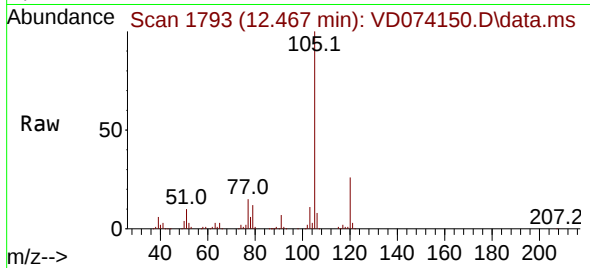
#73
Isopropylbenzene
Concen: 18.736 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion:105 Resp: 184250
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

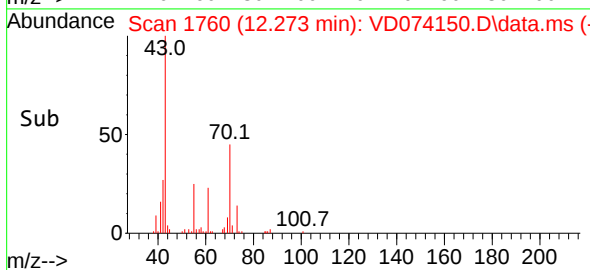
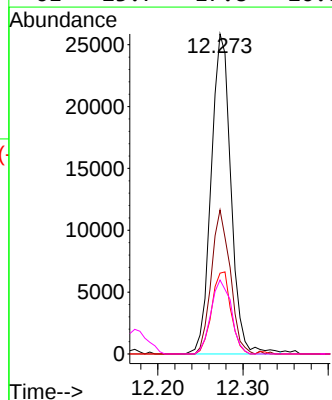
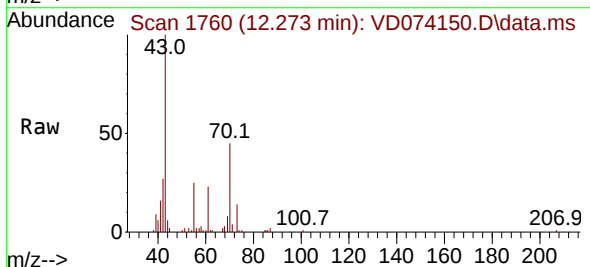
Manual Integrations
APPROVED

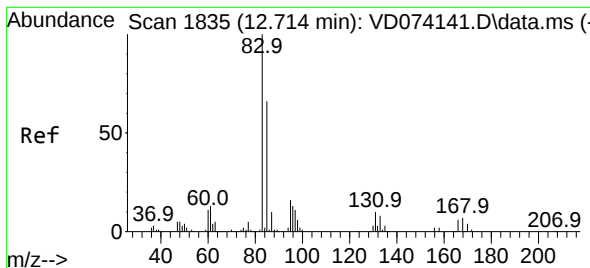
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#74
N-ethyl acetate
Concen: 16.924 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion: 43 Resp: 41776
Ion Ratio Lower Upper
43 100
70 42.7 31.3 46.9
55 24.8 20.0 30.0
61 23.7 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.482 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

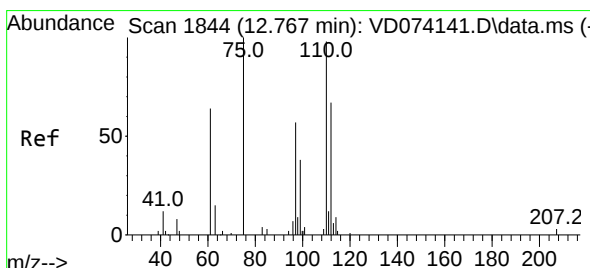
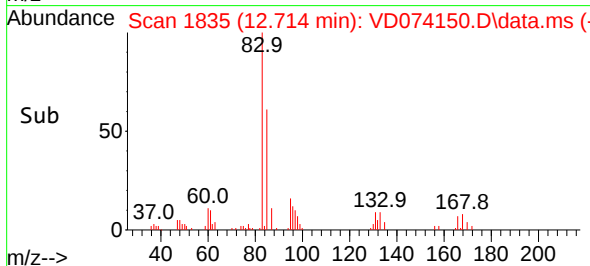
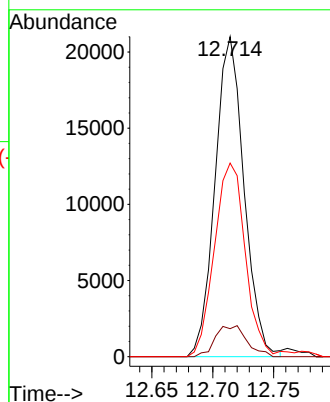
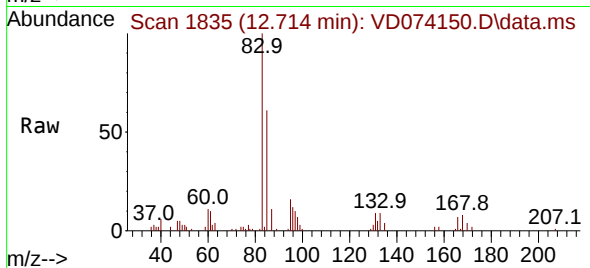
Tgt Ion:	83	Resp:	34790
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	14.9
85	64.8	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#76

1,2,3-Trichloropropane

Concen: 20.310 ug/l m

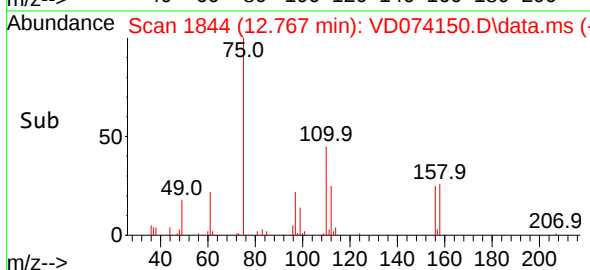
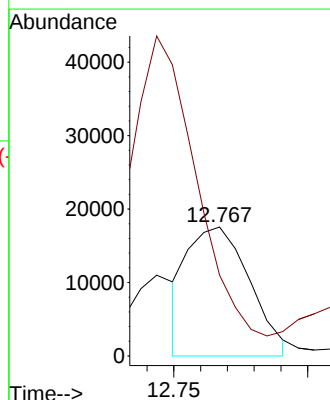
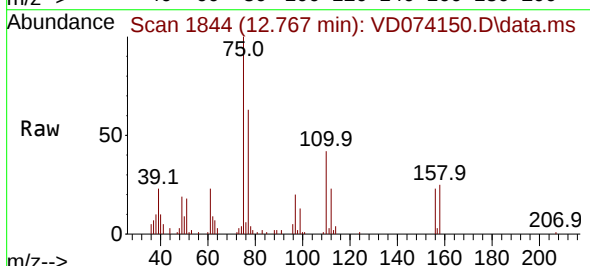
RT: 12.767 min Scan# 1844

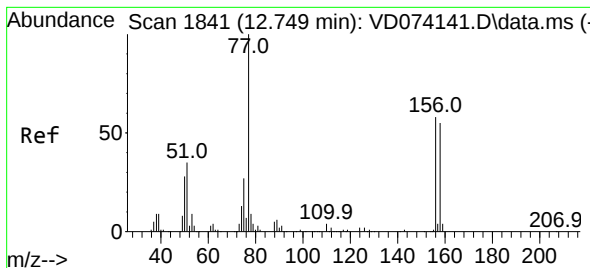
Delta R.T. 0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Tgt Ion:	75	Resp:	28401
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.435 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

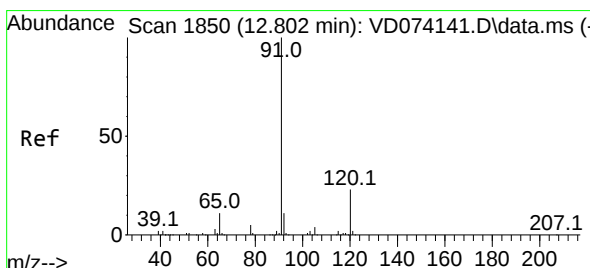
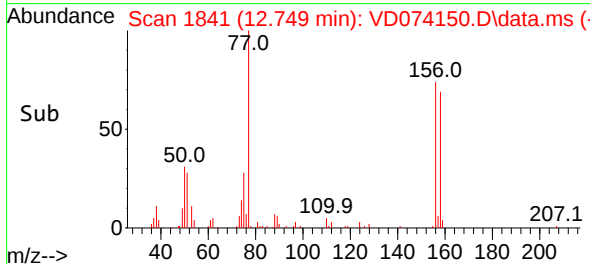
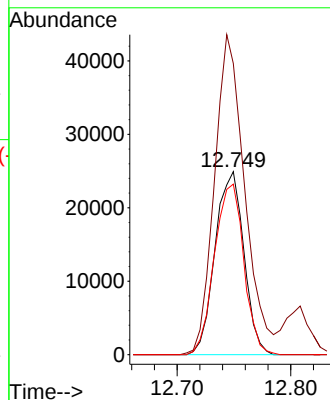
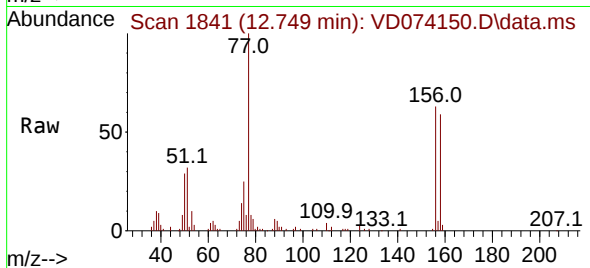
Tgt Ion:	156	Resp:	4382
Ion Ratio	Lower	Upper	
156	100		
77	183.3	102.8	308.3
158	95.1	48.7	146.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#78

n-propylbenzene

Concen: 18.889 ug/l

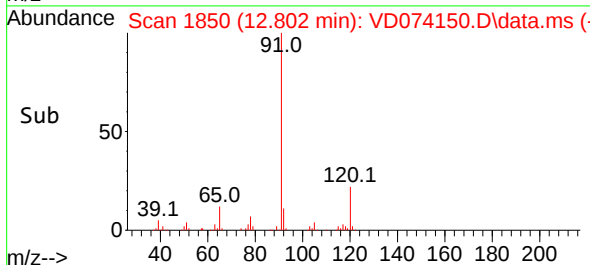
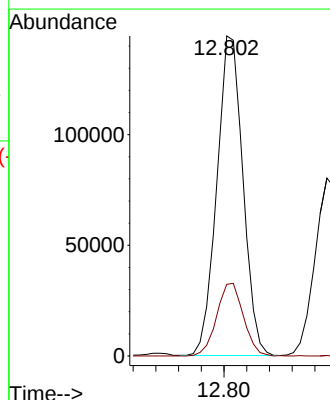
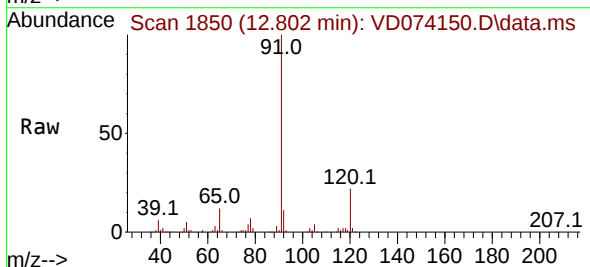
RT: 12.802 min Scan# 1850

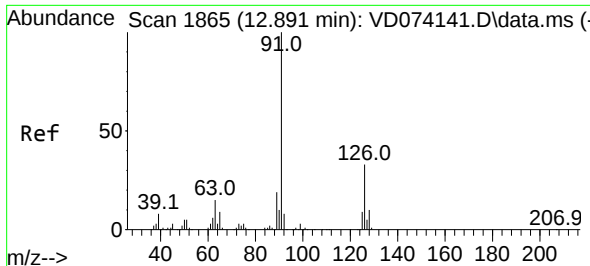
Delta R.T. 0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Tgt Ion:	91	Resp:	230305
Ion Ratio	Lower	Upper	
91	100		
120	23.3	10.9	32.9





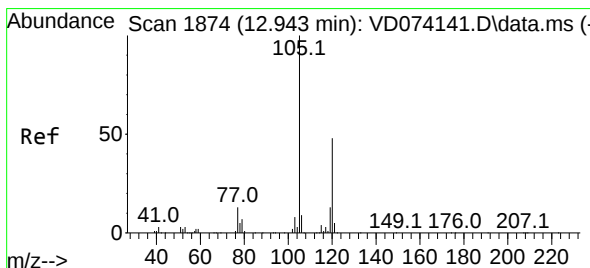
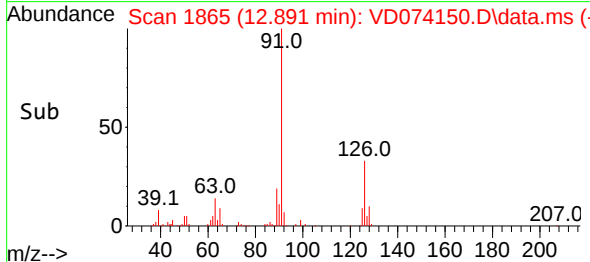
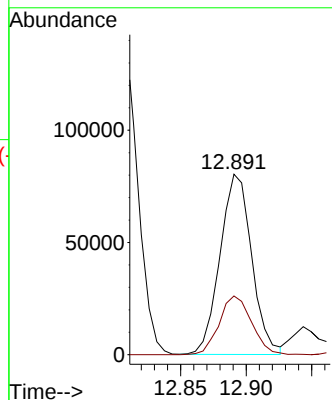
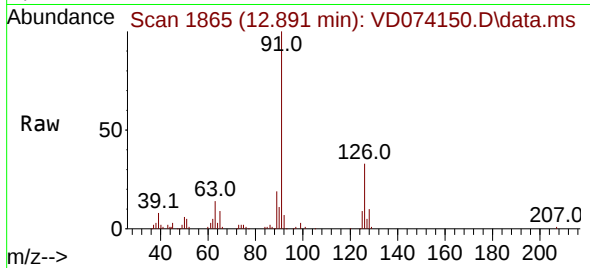
#79
2-Chlorotoluene
Concen: 19.303 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 91 Resp: 135069
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

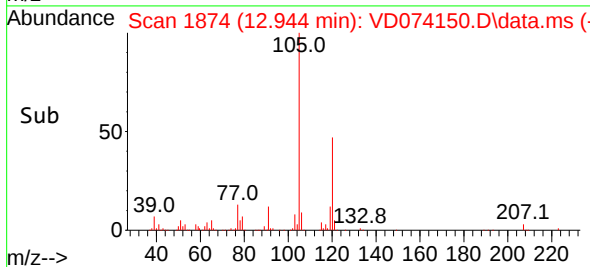
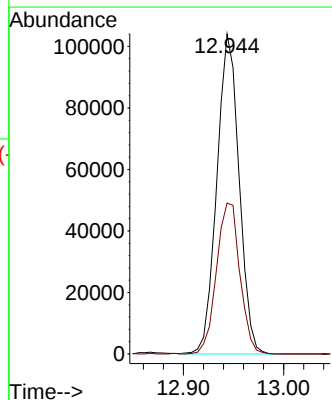
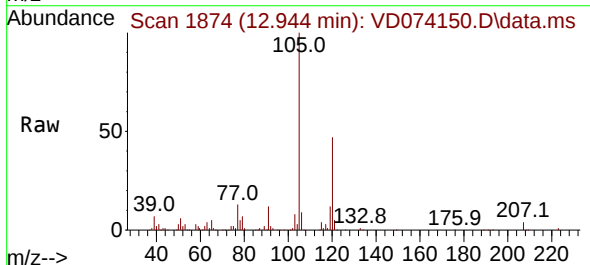
Manual Integrations
APPROVED

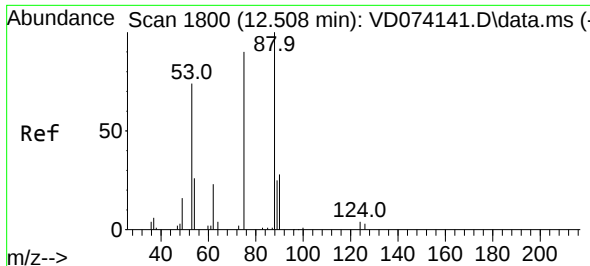
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.470 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.001 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion:105 Resp: 160090
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8





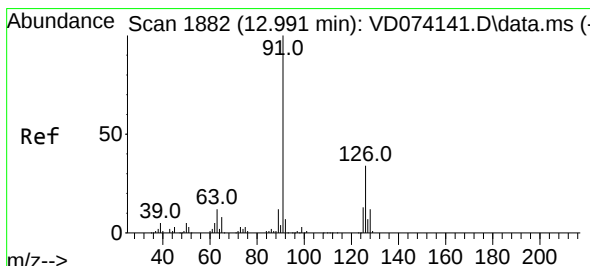
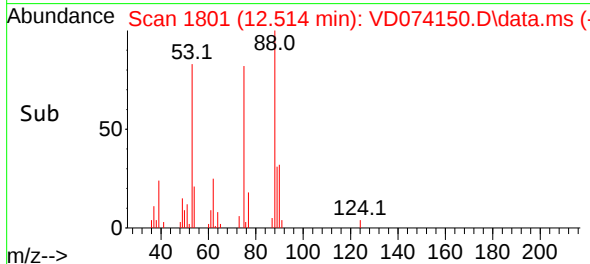
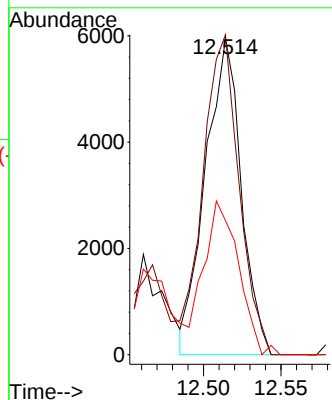
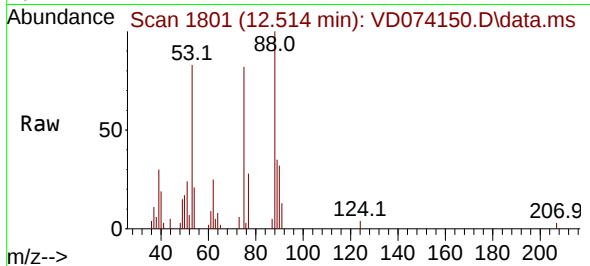
#81
trans-1,4-Dichloro-2-butene
Concen: 17.842 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion: 75 Resp: 953
Ion Ratio Lower Upper
75 100
53 103.8 86.5 129.7
89 46.9 33.9 50.9

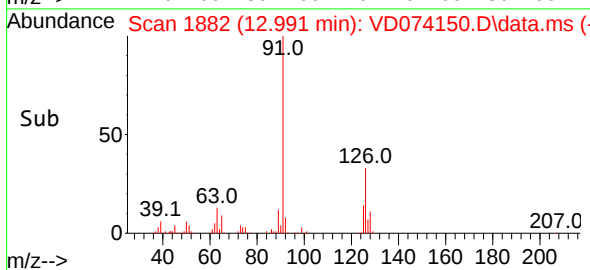
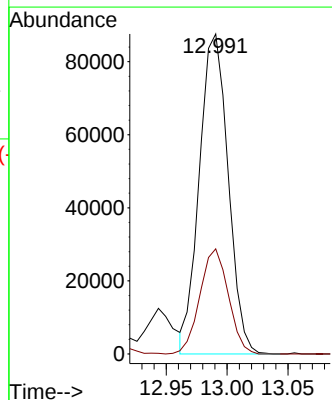
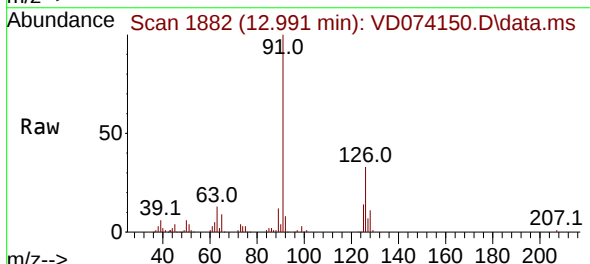
Manual Integrations
APPROVED

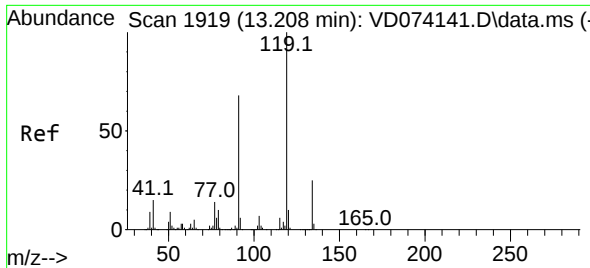
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#82
4-Chlorotoluene
Concen: 19.622 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

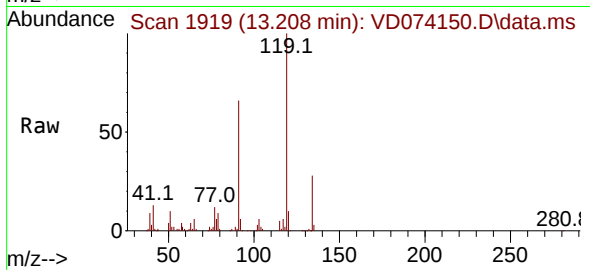
Tgt Ion: 91 Resp: 144500
Ion Ratio Lower Upper
91 100
126 32.4 16.5 49.5





#83
 tert-Butylbenzene
 Concen: 19.134 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD074150.D
 Acq: 19 Aug 2022 15:59

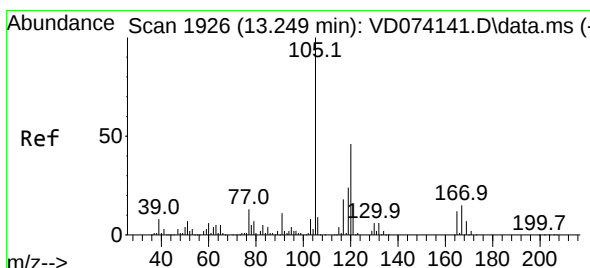
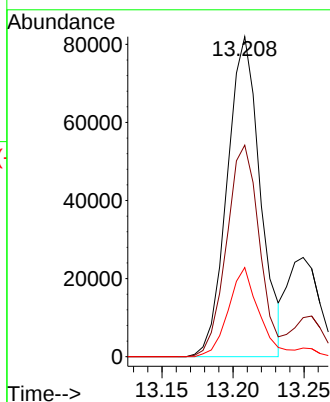
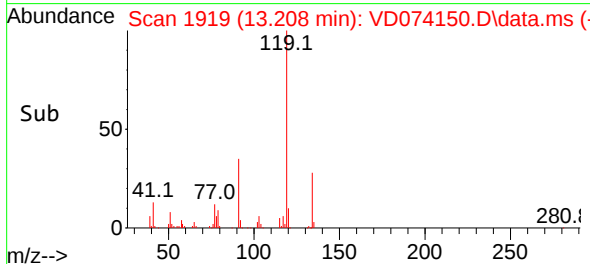
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02



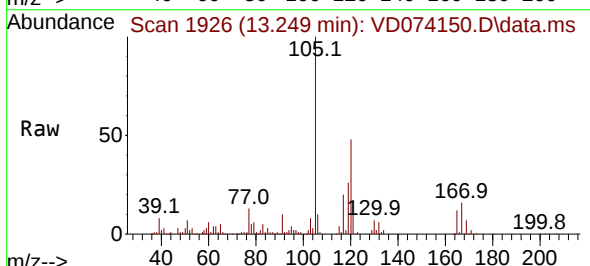
Tgt Ion:119 Resp: 13304
 Ion Ratio Lower Upper
 119 100
 91 65.4 34.8 104.5
 134 26.0 13.3 39.9

Manual Integrations
 APPROVED

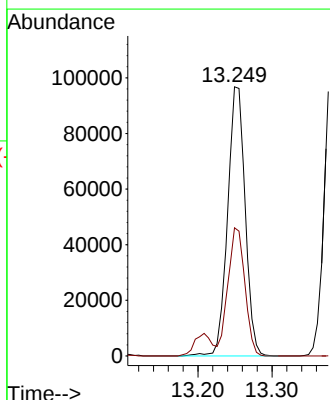
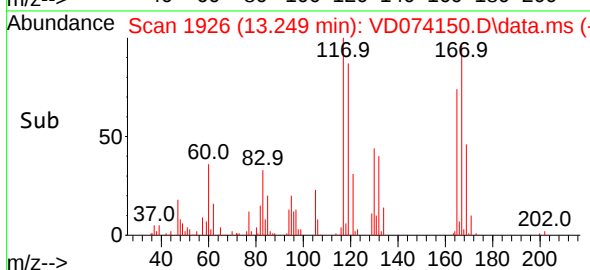
Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

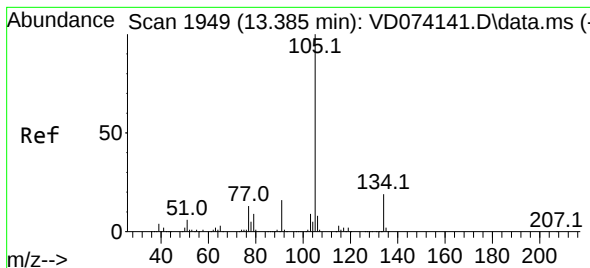


#84
 1,2,4-Trimethylbenzene
 Concen: 19.643 ug/l
 RT: 13.249 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: VD074150.D
 Acq: 19 Aug 2022 15:59



Tgt Ion:105 Resp: 159097
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.332 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion:105 Resp: 20433

Ion Ratio Lower Upper

105 100

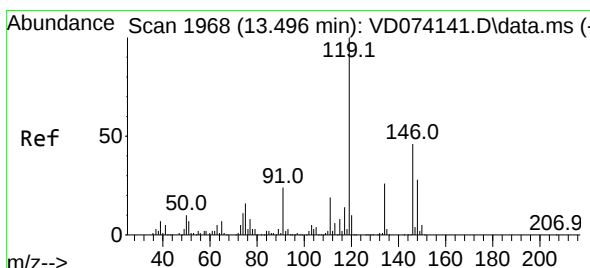
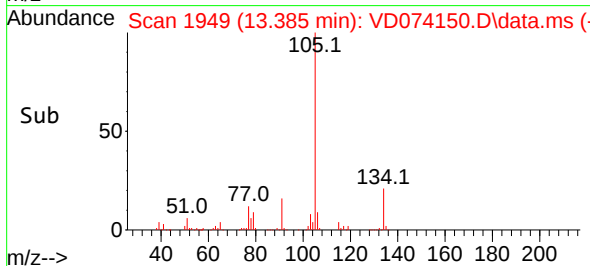
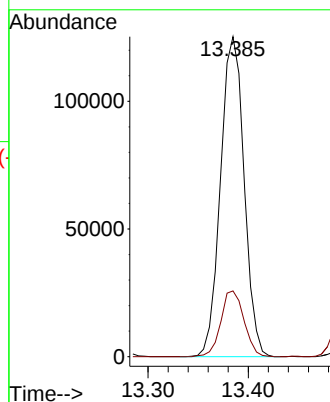
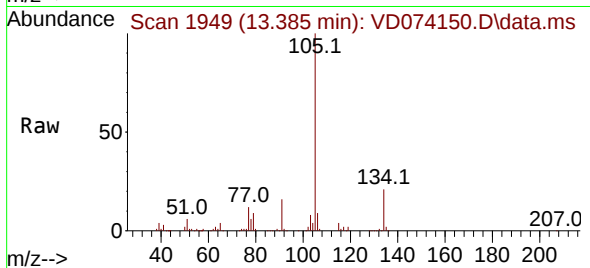
134 20.2 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#86

p-Isopropyltoluene

Concen: 19.344 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

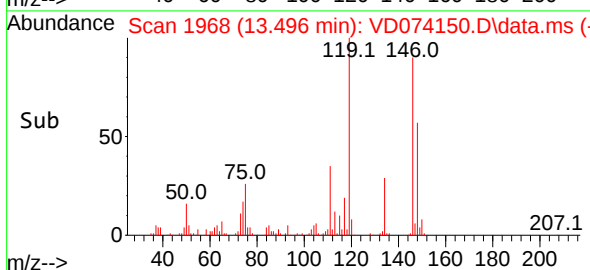
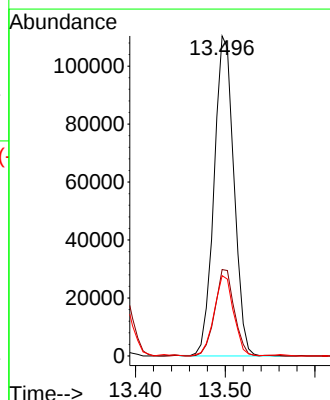
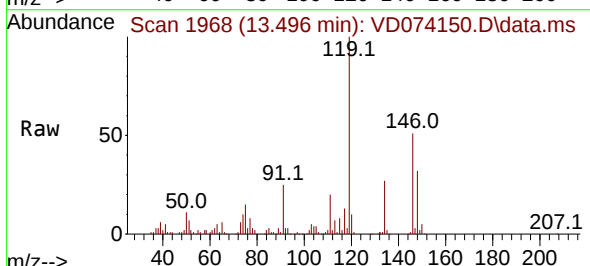
Tgt Ion:119 Resp: 169744

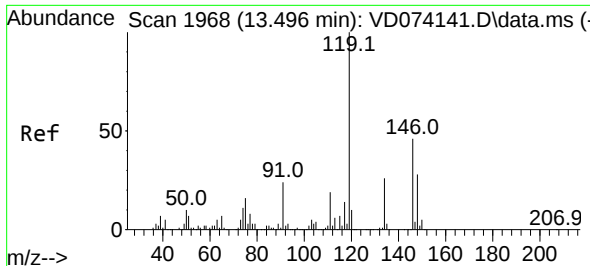
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

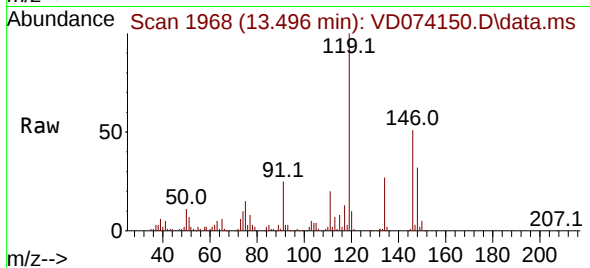
91 24.7 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 20.621 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD074150.D
 Acq: 19 Aug 2022 15:59

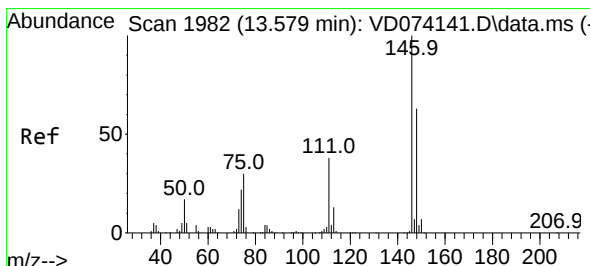
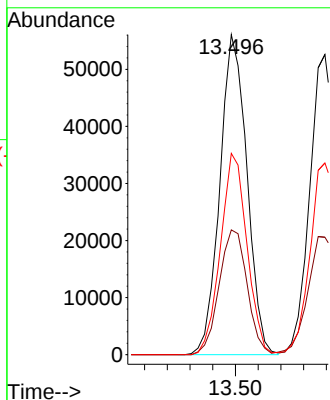
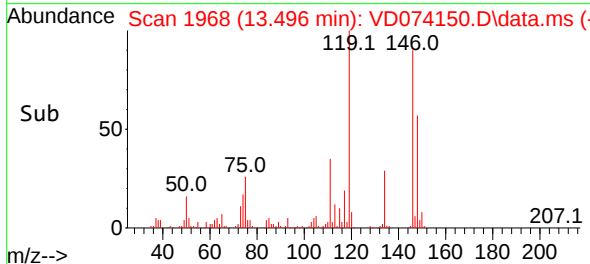
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS02



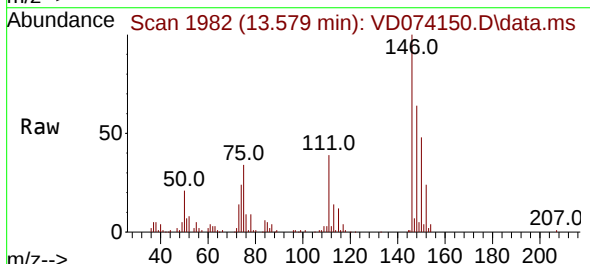
Tgt Ion:146 Resp: 92802
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.4 61.3
 148 61.7 31.9 95.7

Manual Integrations
 APPROVED

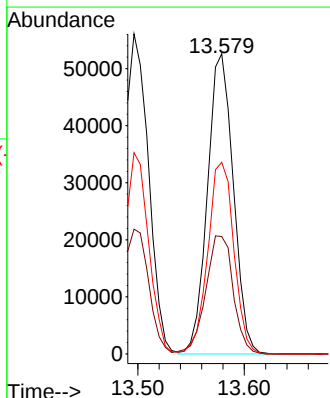
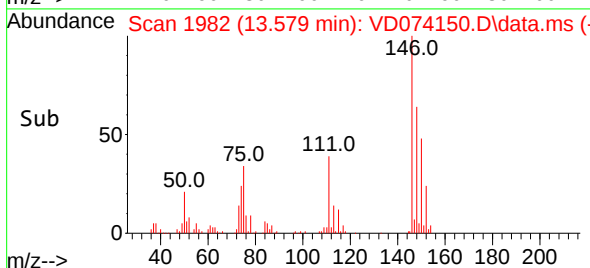
Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

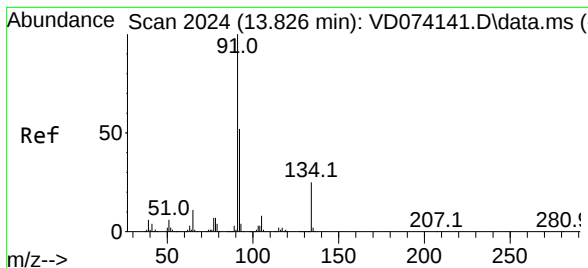


#88
 1,4-Dichlorobenzene
 Concen: 19.761 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD074150.D
 Acq: 19 Aug 2022 15:59



Tgt Ion:146 Resp: 88803
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.3 60.9
 148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 18.943 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBS02

Tgt Ion: 91 Resp: 162110

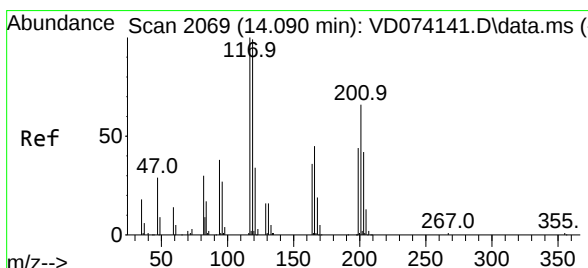
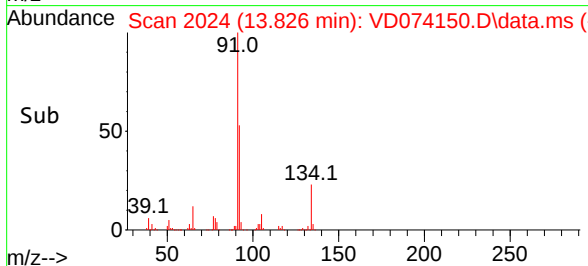
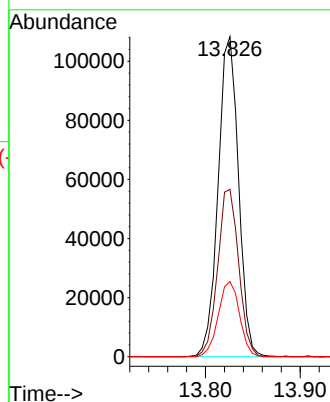
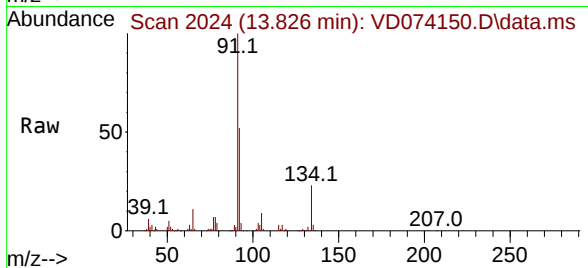
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.6	79.8
134	24.5	12.3	36.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/22/2022

Supervised By :Mahesh Dadoda 08/22/2022



#90

Hexachloroethane

Concen: 19.741 ug/l

RT: 14.091 min Scan# 2069

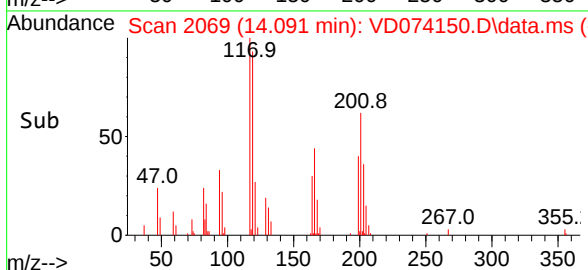
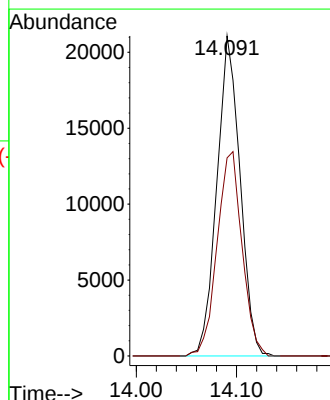
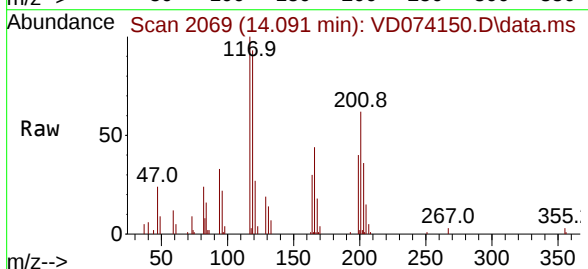
Delta R.T. 0.001 min

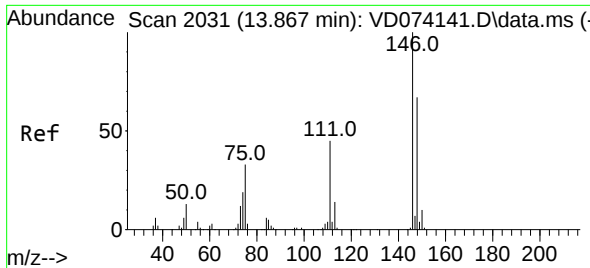
Lab File: VD074150.D

Acq: 19 Aug 2022 15:59

Tgt Ion:117 Resp: 33857

Ion	Ratio	Lower	Upper
117	100		
201	68.6	33.4	100.2





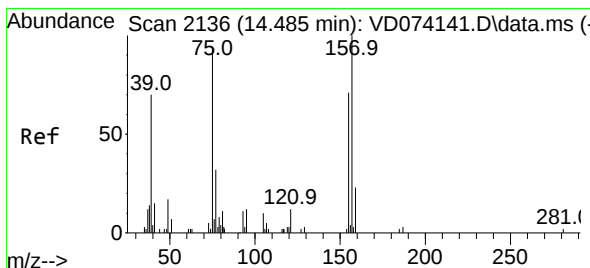
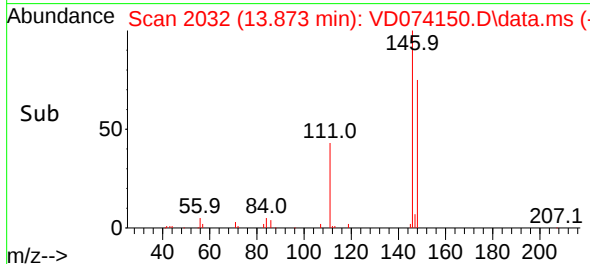
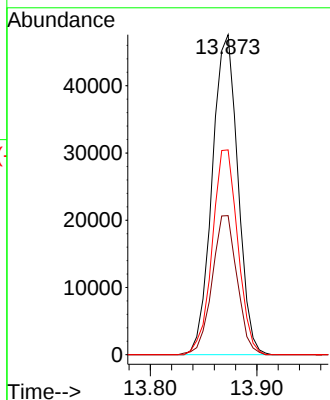
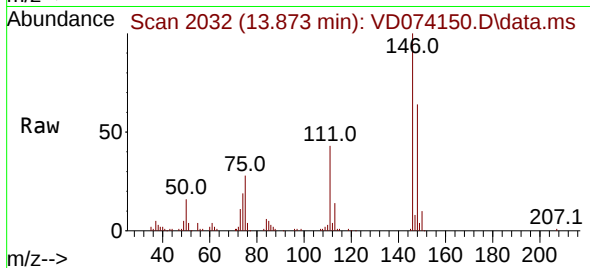
#91
1,2-Dichlorobenzene
Concen: 20.031 ug/l
RT: 13.873 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02

Tgt Ion:146 Resp: 79674
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 63.6 31.7 95.1

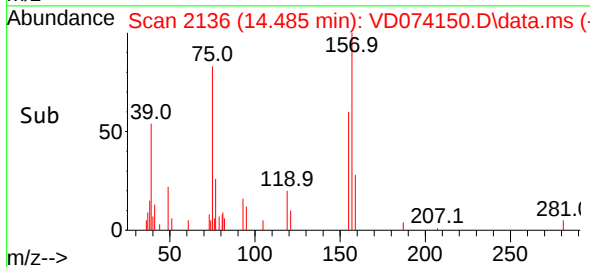
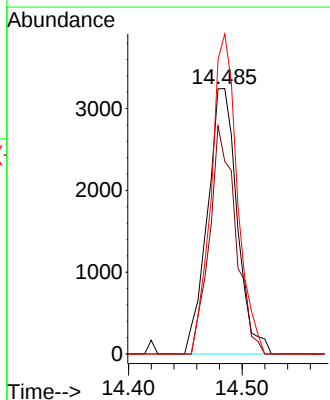
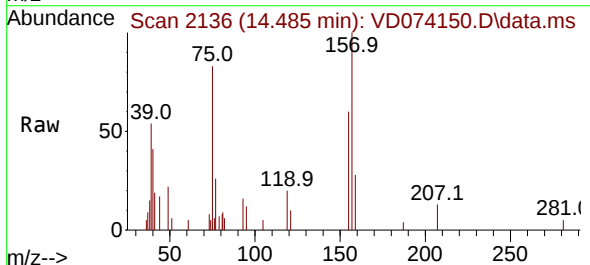
Manual Integrations
APPROVED

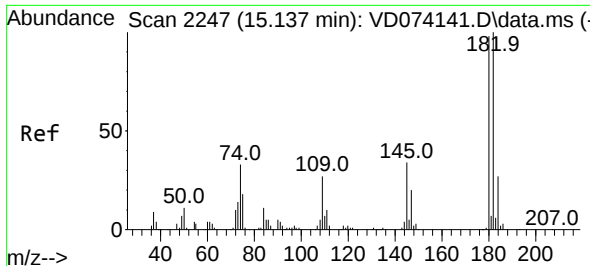
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.201 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

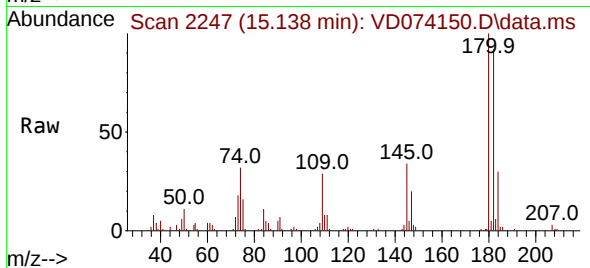
Tgt Ion: 75 Resp: 5881
Ion Ratio Lower Upper
75 100
155 76.1 36.8 110.3
157 106.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 19.605 ug/l
RT: 15.138 min Scan# 2247
Delta R.T. 0.001 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

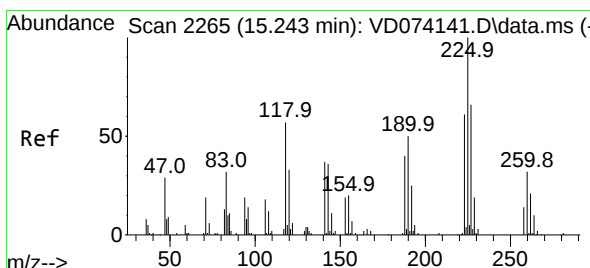
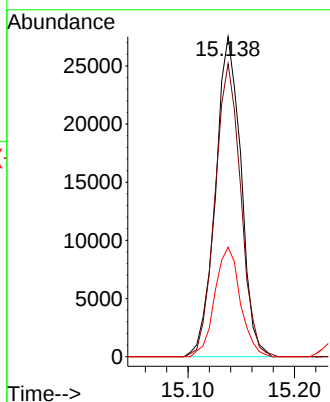
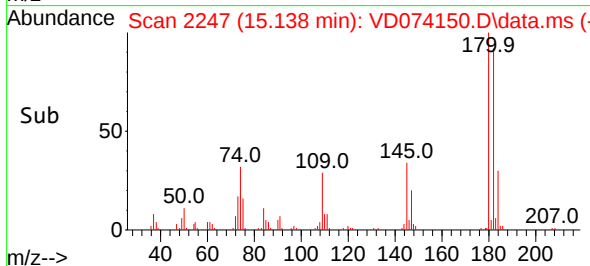
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



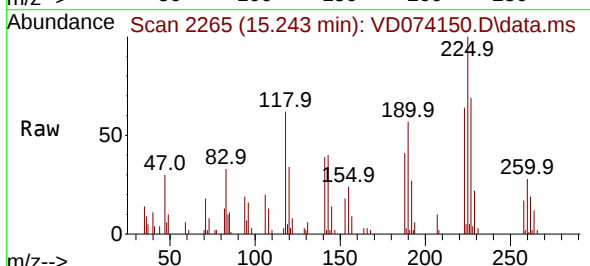
Tgt Ion:180 Resp: 45590
Ion Ratio Lower Upper
180 100
182 92.4 47.3 142.0
145 34.3 16.2 48.5

Manual Integrations
APPROVED

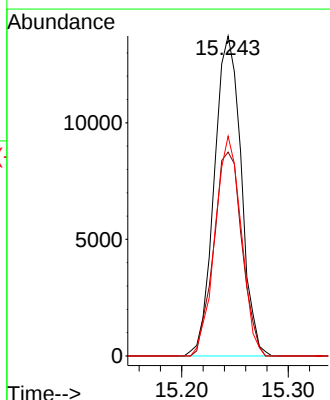
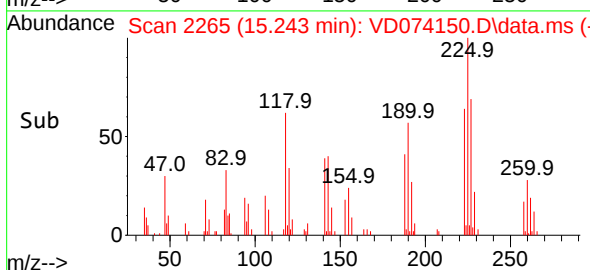
Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022

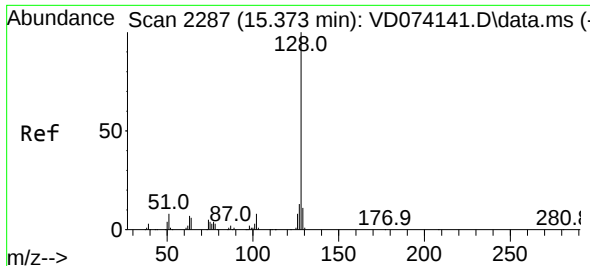


#94
Hexachlorobutadiene
Concen: 19.462 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59



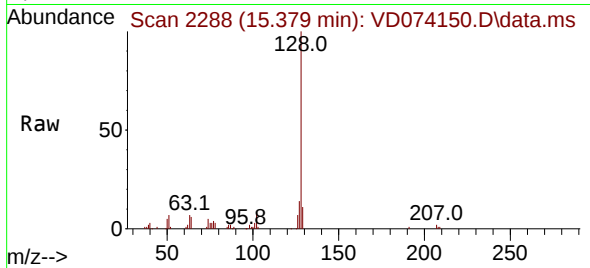
Tgt Ion:225 Resp: 24006
Ion Ratio Lower Upper
225 100
223 67.0 31.1 93.2
227 67.1 32.4 97.0





#95
Naphthalene
Concen: 17.394 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

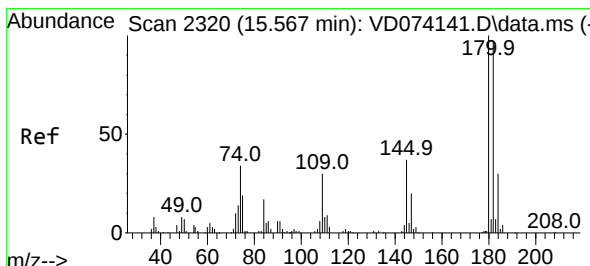
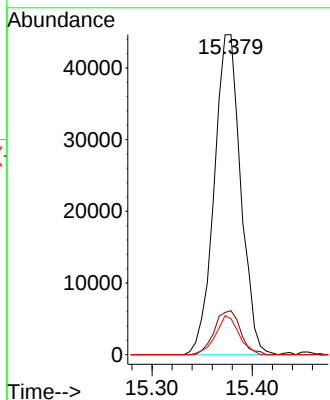
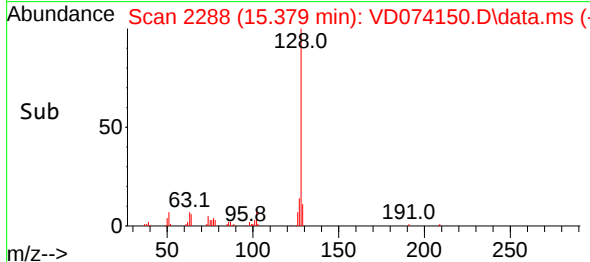
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBS02



Tgt Ion:128 Resp: 81924
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/22/2022
Supervised By :Mahesh Dadoda 08/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.052 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VD074150.D
Acq: 19 Aug 2022 15:59

Tgt Ion:180 Resp: 41123
Ion Ratio Lower Upper
180 100
182 92.0 47.6 142.9
145 33.8 17.1 51.3

