

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069100.D
 Acq On : 07 May 2021 13:56
 Operator : VA/SY
 Sample : VD0507SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBS01

Manual Integrations
 APPROVED

sam

5/10/2021 11:00:49 AM

Quant Time: May 08 00:07:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	275535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	454838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	438733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	225272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	153981	43.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.72%
35) Dibromofluoromethane	7.914	113	160525	51.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.92%
50) Toluene-d8	10.338	98	593524	51.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.08%
62) 4-Bromofluorobenzene	12.626	95	193569	51.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.22%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	64155	19.14	ug/l	98
3) Chloromethane	2.209	50	72636	17.61	ug/l	93
4) Vinyl Chloride	2.344	62	96860	17.76	ug/l	98
5) Bromomethane	2.744	94	69525	21.43	ug/l	93
6) Chloroethane	2.903	64	60083	18.95	ug/l	92
7) Trichlorofluoromethane	3.256	101	117076	19.55	ug/l	95
8) Diethyl Ether	3.703	74	26074	17.92	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	60509	18.87	ug/l	97
10) Methyl Iodide	4.297	142	44233	17.49	ug/l	92
11) Tert butyl alcohol	5.203	59	29666m	96.31	ug/l	
12) 1,1-Dichloroethene	4.062	96	55964	19.38	ug/l	96
13) Acrolein	3.921	56	17737	83.35	ug/l	100
14) Allyl chloride	4.703	41	58349	15.68	ug/l	94
15) Acrylonitrile	5.420	53	53627	84.80	ug/l	98
16) Acetone	4.162	43	41079	63.95	ug/l	98
17) Carbon Disulfide	4.403	76	177168	18.15	ug/l	98
18) Methyl Acetate	4.715	43	23063	16.68	ug/l	96
19) Methyl tert-butyl Ether	5.468	73	121475	18.41	ug/l	96
20) Methylene Chloride	4.962	84	106286	27.49	ug/l	88
21) trans-1,2-Dichloroethene	5.462	96	67993	19.82	ug/l	82
22) Diisopropyl ether	6.367	45	140884	16.96	ug/l	96
23) Vinyl Acetate	6.309	43	381714	80.39	ug/l #	93
24) 1,1-Dichloroethane	6.262	63	106943	18.23	ug/l	97
25) 2-Butanone	7.209	43	60018	79.06	ug/l	99
26) 2,2-Dichloropropane	7.203	77	97570	17.81	ug/l	99
27) cis-1,2-Dichloroethene	7.215	96	70571	19.06	ug/l	94
28) Bromochloromethane	7.550	49	40283	17.01	ug/l	86
29) Tetrahydrofuran	7.567	42	36717	78.62	ug/l	87
30) Chloroform	7.709	83	120923	18.43	ug/l	91
31) Cyclohexane	7.985	56	87301	16.95	ug/l #	93
32) 1,1,1-Trichloroethane	7.903	97	110163	18.39	ug/l	98
36) 1,1-Dichloropropene	8.109	75	91164	19.05	ug/l	99
37) Ethyl Acetate	7.297	43	31304	17.35	ug/l #	79
38) Carbon Tetrachloride	8.097	117	97362	18.76	ug/l	98
39) Methylcyclohexane	9.356	83	96759	18.49	ug/l	96
40) Benzene	8.350	78	258749	19.54	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069100.D
 Acq On : 07 May 2021 13:56
 Operator : VA/SY
 Sample : VD0507SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBSD01

Manual Integrations
 APPROVED

sam

5/10/2021 11:00:49 AM

Quant Time: May 08 00:07:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.544	41	17381m	16.62	ug/l	
42) 1,2-Dichloroethane	8.420	62	73801	17.83	ug/l	98
43) Isopropyl Acetate	8.450	43	54699	16.17	ug/l	96
44) Trichloroethene	9.114	130	72340	20.55	ug/l	99
45) 1,2-Dichloropropane	9.385	63	61527	18.87	ug/l	92
46) Dibromomethane	9.473	93	37838	20.19	ug/l	96
47) Bromodichloromethane	9.661	83	91592	18.59	ug/l	99
48) Methyl methacrylate	9.456	41	26857	16.10	ug/l	90
49) 1,4-Dioxane	9.456	88	9159	422.71	ug/l #	84
51) 4-Methyl-2-Pentanone	10.226	43	141518	81.73	ug/l	93
52) Toluene	10.403	92	169031	20.11	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	80374	18.77	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	94874	18.74	ug/l	93
55) 1,1,2-Trichloroethane	10.797	97	50431	20.27	ug/l	96
56) Ethyl methacrylate	10.661	69	48485	17.79	ug/l	96
57) 1,3-Dichloropropane	10.944	76	83668	19.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	135801	94.24	ug/l	95
59) 2-Hexanone	10.979	43	95846	82.01	ug/l	91
60) Dibromochloromethane	11.138	129	65795	19.87	ug/l	97
61) 1,2-Dibromoethane	11.244	107	49668	20.56	ug/l	96
64) Tetrachloroethene	10.873	164	61029	21.58	ug/l	90
65) Chlorobenzene	11.667	112	181612	20.28	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	69926	20.64	ug/l	97
67) Ethyl Benzene	11.744	91	312138	19.66	ug/l	97
68) m/p-Xylenes	11.850	106	243017	40.71	ug/l	95
69) o-Xylene	12.179	106	107230	20.04	ug/l	96
70) Styrene	12.191	104	188910	19.99	ug/l	98
71) Bromoform	12.361	173	36768	21.17	ug/l #	99
73) Isopropylbenzene	12.473	105	293454	18.82	ug/l	100
74) N-amyl acetate	12.285	43	51630	15.77	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.726	83	57227	18.72	ug/l	95
76) 1,2,3-Trichloropropane	12.779	75	35749m	18.23	ug/l	
77) Bromobenzene	12.755	156	73062	20.24	ug/l	91
78) n-propylbenzene	12.814	91	362085	18.90	ug/l	99
79) 2-Chlorotoluene	12.902	91	198376	18.57	ug/l	95
80) 1,3,5-Trimethylbenzene	12.955	105	255159	19.22	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	16185	17.96	ug/l	87
82) 4-Chlorotoluene	12.997	91	217927	19.06	ug/l	100
83) tert-Butylbenzene	13.220	119	209033	19.32	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	254841	19.22	ug/l	100
85) sec-Butylbenzene	13.397	105	300655	19.20	ug/l	100
86) p-Isopropyltoluene	13.508	119	273541	18.93	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	148772	20.54	ug/l	98
88) 1,4-Dichlorobenzene	13.591	146	146552	20.53	ug/l	97
89) n-Butylbenzene	13.838	91	252230	18.39	ug/l	98
90) Hexachloroethane	14.102	117	58478	19.68	ug/l	96
91) 1,2-Dichlorobenzene	13.885	146	126265	20.05	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9319	18.53	ug/l	92
93) 1,2,4-Trichlorobenzene	15.155	180	76649	20.51	ug/l	96
94) Hexachlorobutadiene	15.267	225	44539	20.58	ug/l	98
95) Naphthalene	15.391	128	128819	18.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	66084	20.48	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
Data File : VD069100.D
Acq On : 07 May 2021 13:56
Operator : VA/SY
Sample : VD0507SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

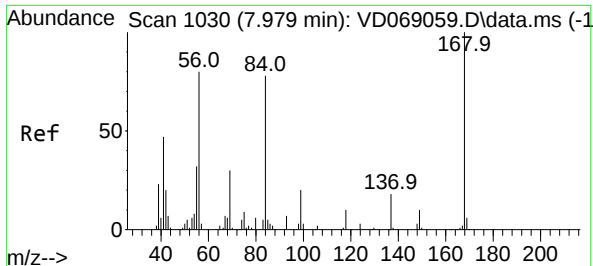
sam

5/10/2021 11:00:49 AM

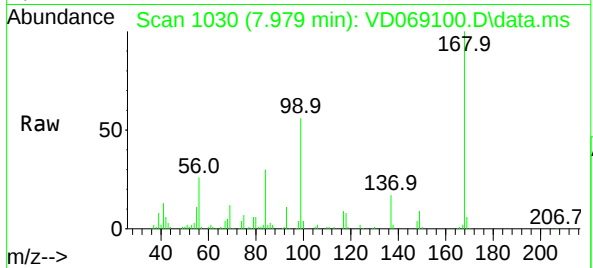
Quant Time: May 08 00:07:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

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

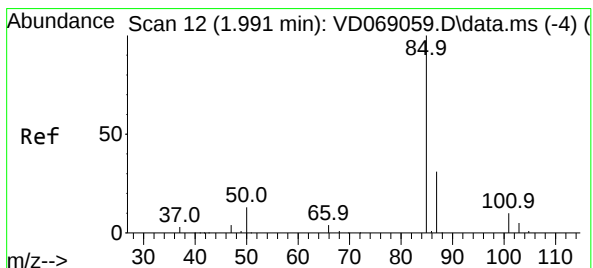
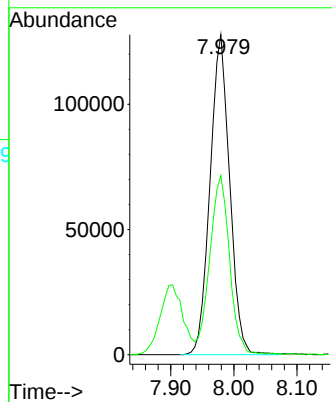
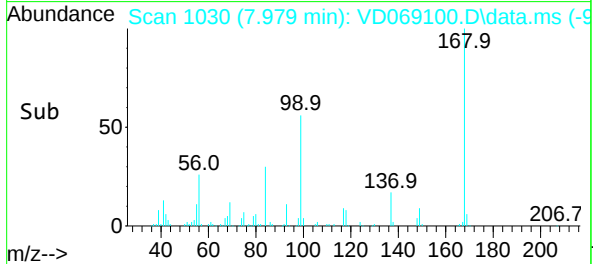
(#) = qualifier out of range (m) = manual integration (+) = signals summed



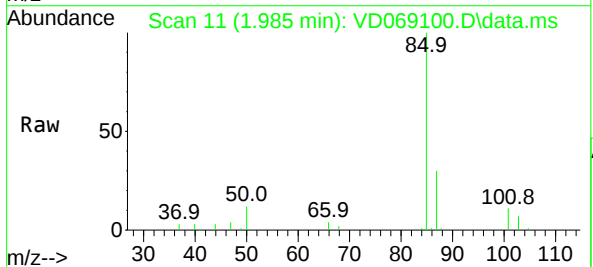
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



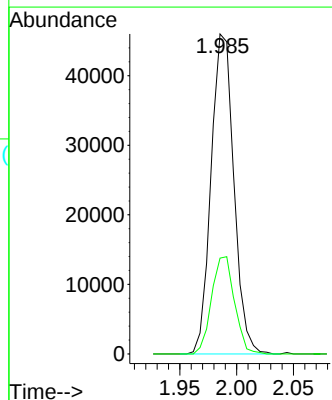
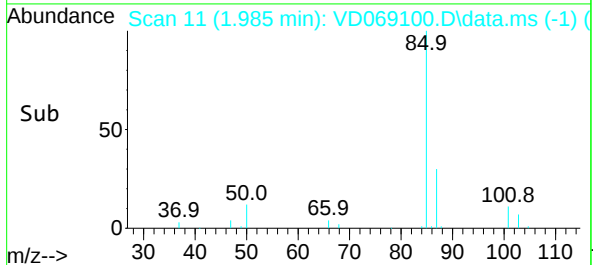
Tgt Ion:168 Resp: 275535
Ion Ratio Lower Upper
168 100
99 55.6 52.6 78.8



#2
Dichlorodifluoromethane
Concen: 19.14 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 85 Resp: 64155
Ion Ratio Lower Upper
85 100
87 29.9 15.4 46.2

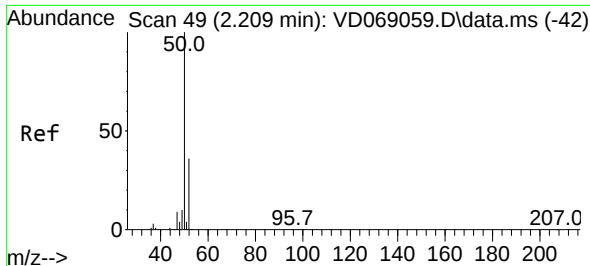


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

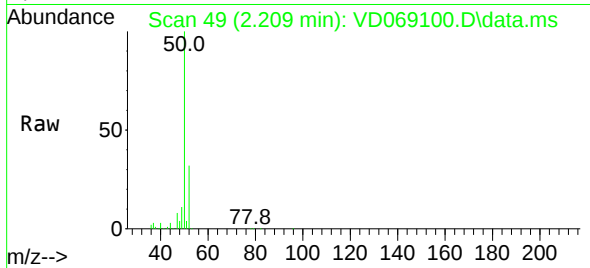
Manual Integrations
APPROVED

sam

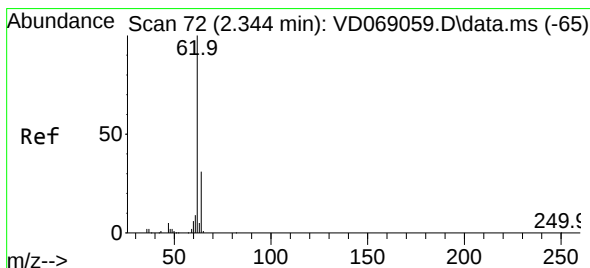
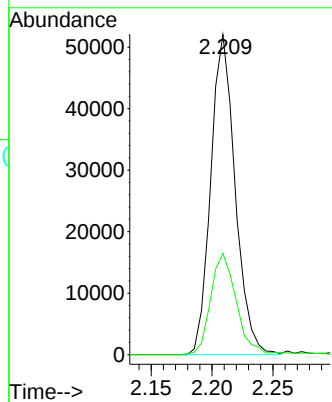
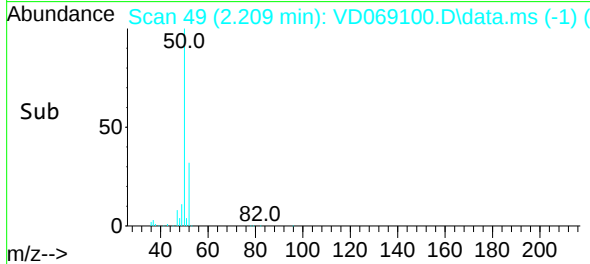
5/10/2021 11:00:49 AM



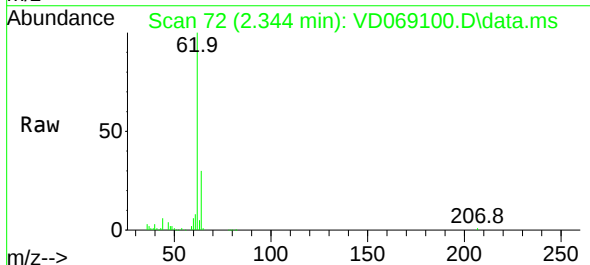
#3
Chloromethane
Concen: 17.61 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



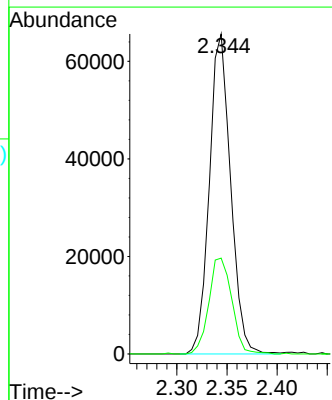
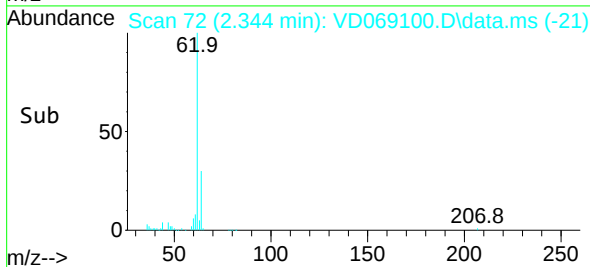
Tgt Ion: 50 Resp: 72636
Ion Ratio Lower Upper
50 100
52 31.6 28.5 42.7



#4
Vinyl Chloride
Concen: 17.76 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 62 Resp: 96860
Ion Ratio Lower Upper
62 100
64 30.0 24.9 37.3

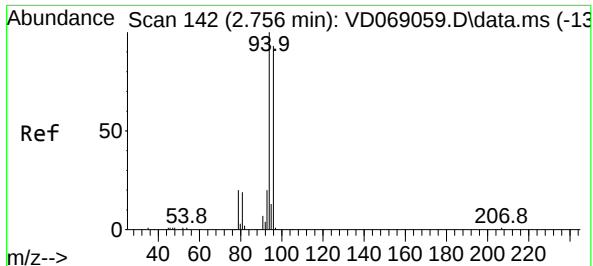


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#5
Bromomethane
Concen: 21.43 ug/l
RT: 2.744 min Scan# 140
Delta R.T. -0.012 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

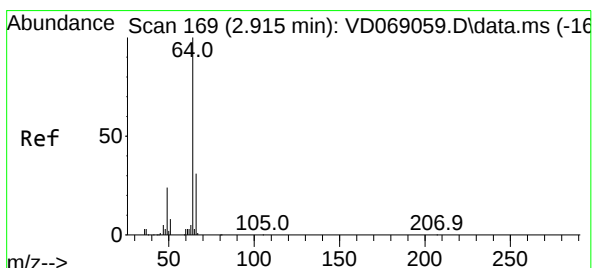
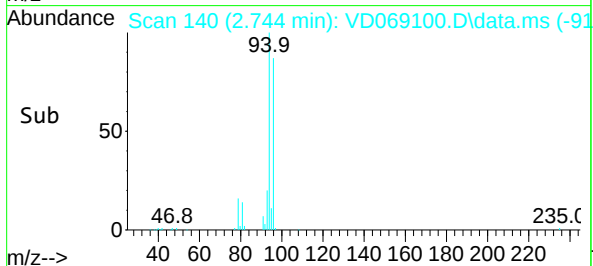
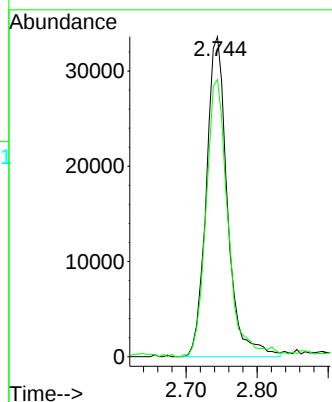
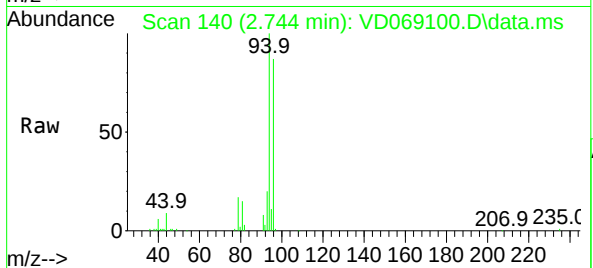
Tgt Ion: 94 Resp: 69525
Ion Ratio Lower Upper
94 100
96 86.6 74.3 111.5

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

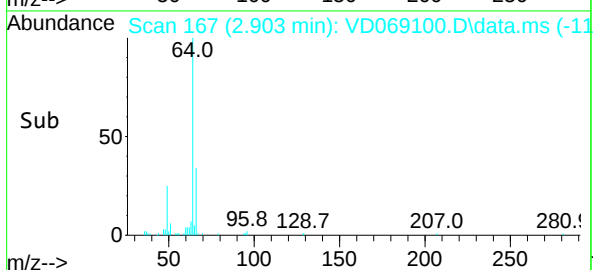
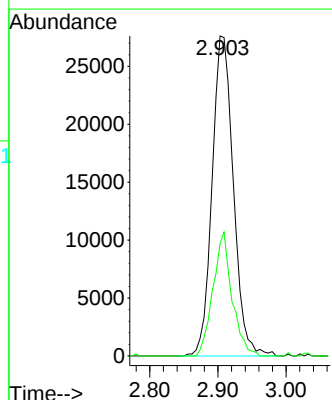
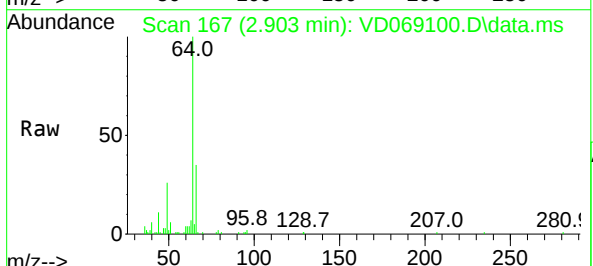
sam

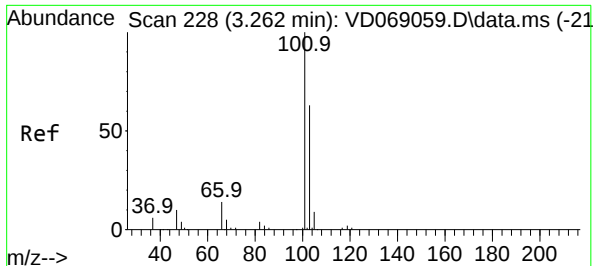
5/10/2021 11:00:49 AM



#6
Chloroethane
Concen: 18.95 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.012 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

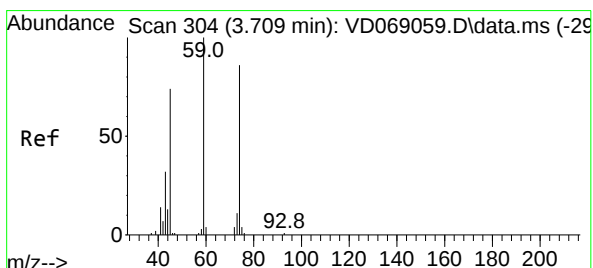
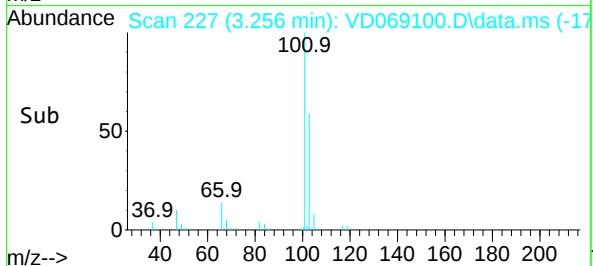
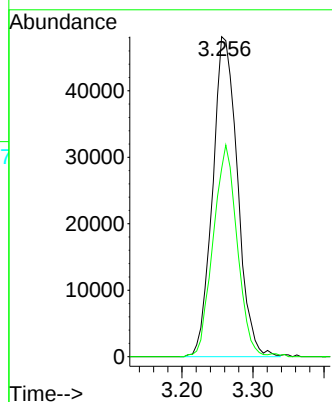
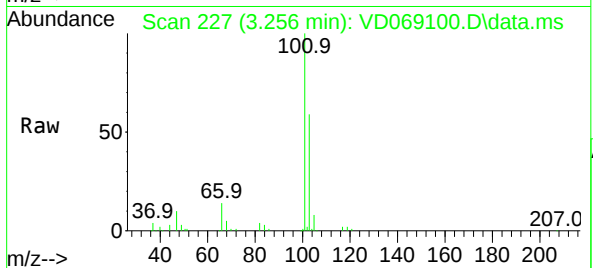
Tgt Ion: 64 Resp: 60083
Ion Ratio Lower Upper
64 100
66 35.1 24.7 37.1





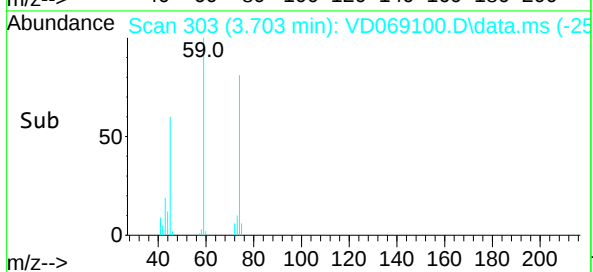
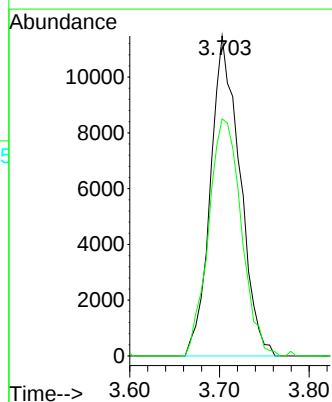
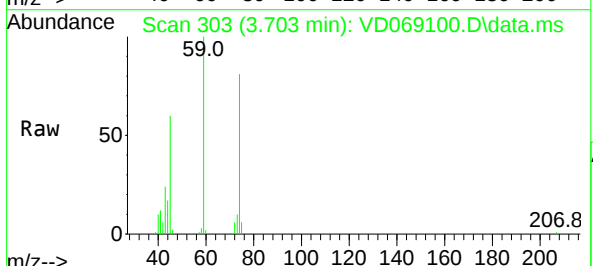
#7
Trichlorofluoromethane
Concen: 19.55 ug/l
RT: 3.256 min Scan# 227
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion:101 Resp: 117076
Ion Ratio Lower Upper
101 100
103 58.8 50.2 75.2



#8
Diethyl Ether
Concen: 17.92 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion: 74 Resp: 26074
Ion Ratio Lower Upper
74 100
45 82.6 42.9 128.5

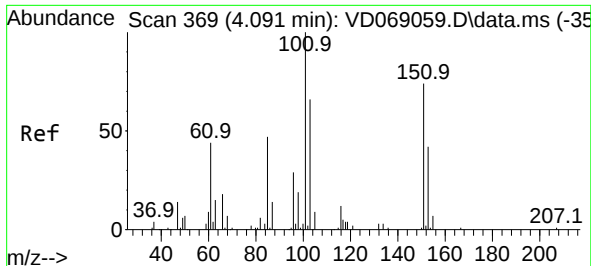


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.87 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

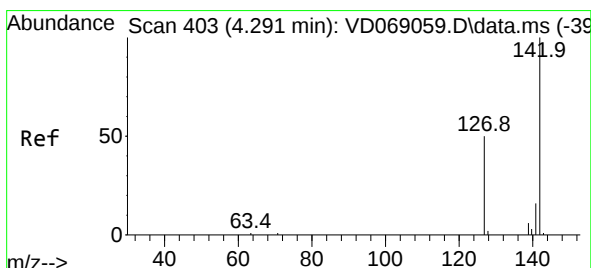
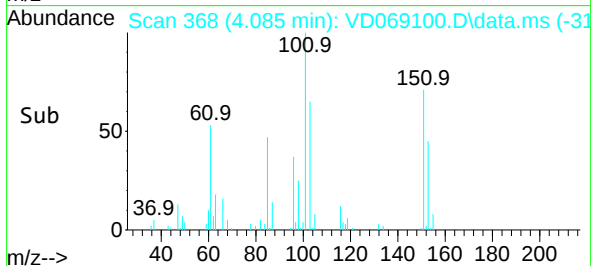
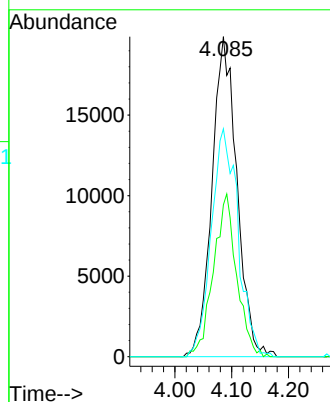
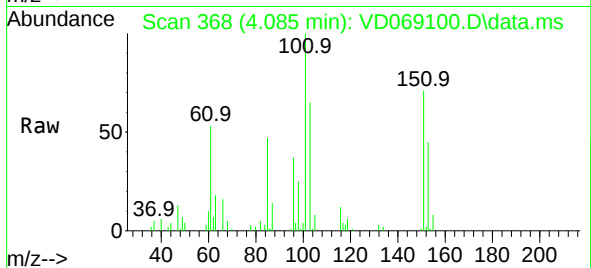
Tgt Ion:	101	Resp:	60509
Ion Ratio	Lower	Upper	
101	100		
85	47.3	38.1	57.1
151	76.6	57.9	86.9

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

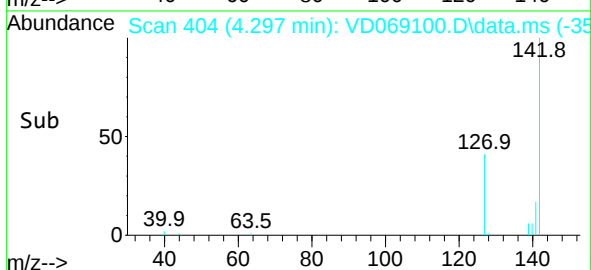
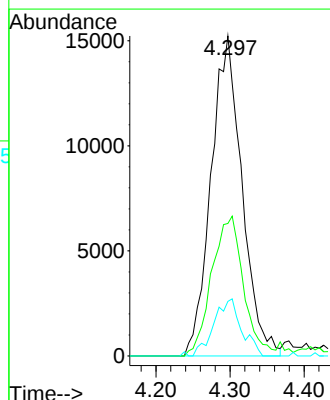
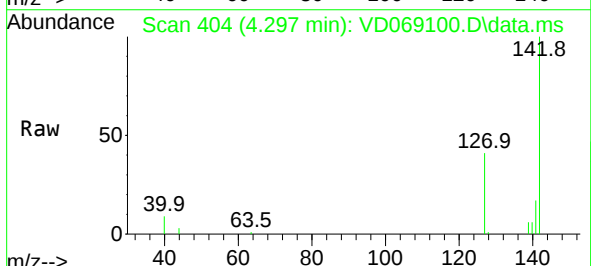
sam

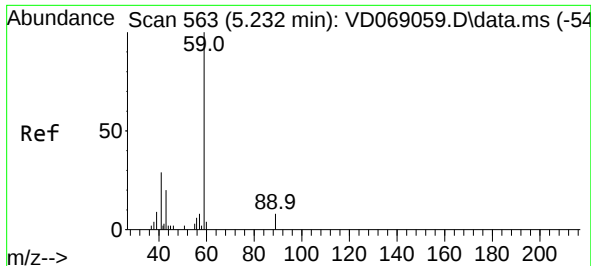
5/10/2021 11:00:49 AM



#10
Methyl Iodide
Concen: 17.49 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion:	142	Resp:	44233
Ion Ratio	Lower	Upper	
142	100		
127	44.7	41.6	62.4
141	15.9	12.2	18.4





#11
Tert butyl alcohol
Concen: 96.31 ug/l m
RT: 5.203 min Scan# 558
Delta R.T. -0.029 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

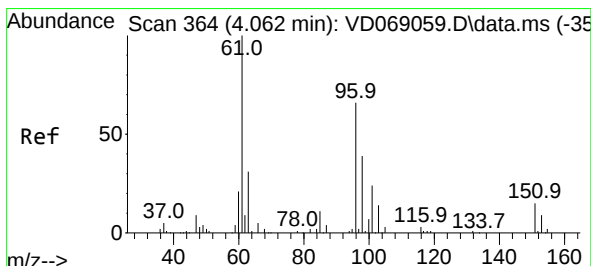
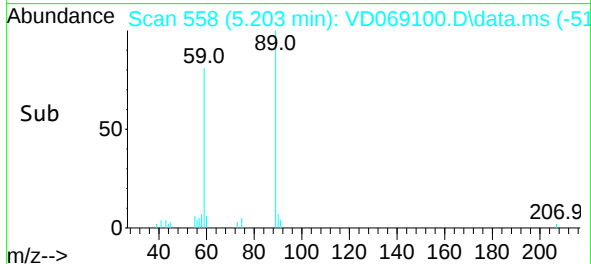
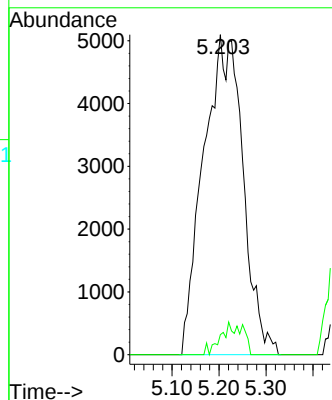
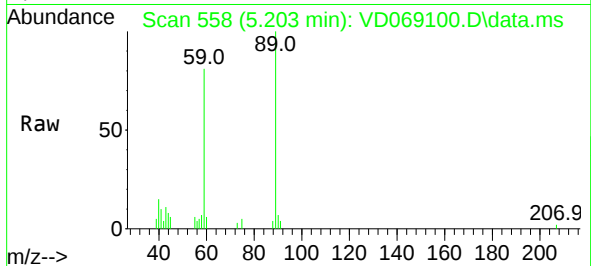
Tgt Ion: 59 Resp: 29666
Ion Ratio Lower Upper
59 100
57 3.2 5.3 7.9#

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

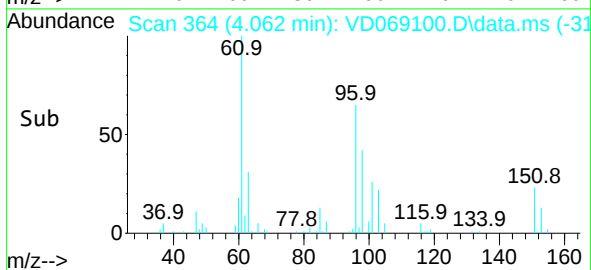
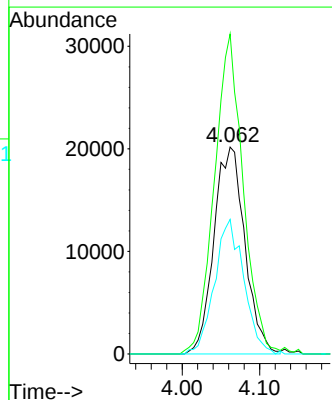
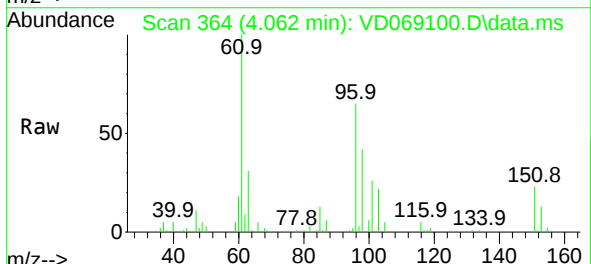
sam

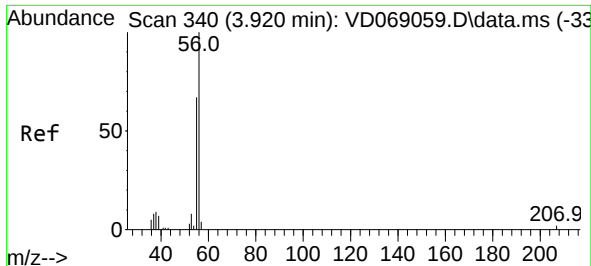
5/10/2021 11:00:49 AM



#12
1,1-Dichloroethene
Concen: 19.38 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

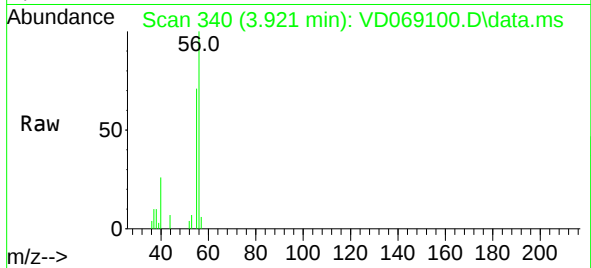
Tgt Ion: 96 Resp: 55964
Ion Ratio Lower Upper
96 100
61 154.7 121.8 182.8
98 65.1 47.3 70.9





#13
Acrolein
Concen: 83.35 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

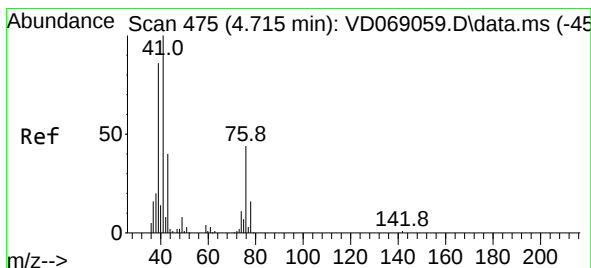
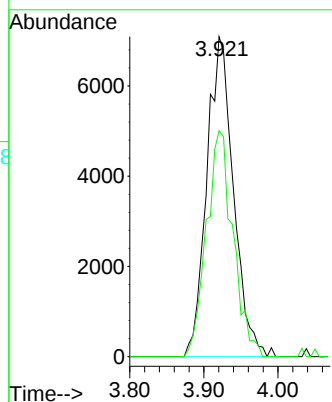


Tgt Ion: 56 Resp: 17737
Ion Ratio Lower Upper
56 100
55 70.2 56.0 84.0

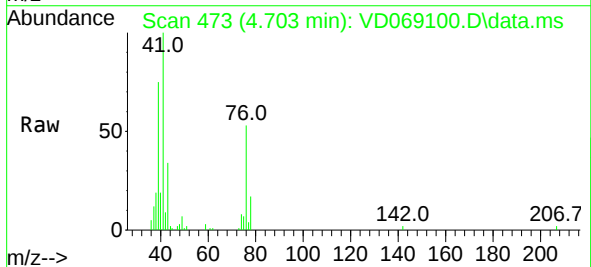
Manual Integrations
APPROVED

sam

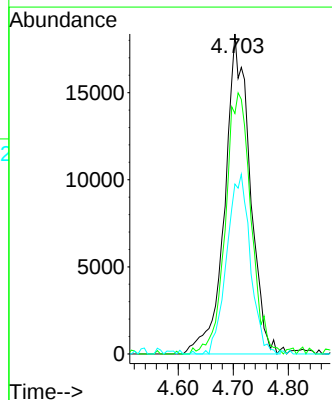
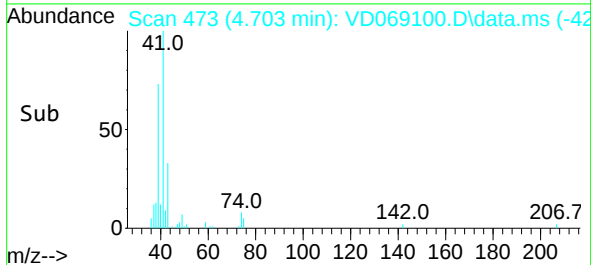
5/10/2021 11:00:49 AM

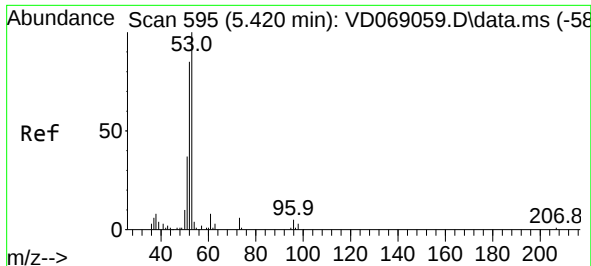


#14
Allyl chloride
Concen: 15.68 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



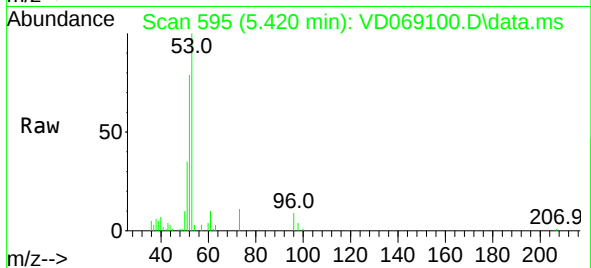
Tgt Ion: 41 Resp: 58349
Ion Ratio Lower Upper
41 100
39 82.8 67.5 101.3
76 52.4 35.1 52.7





#15
Acrylonitrile
Concen: 84.80 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

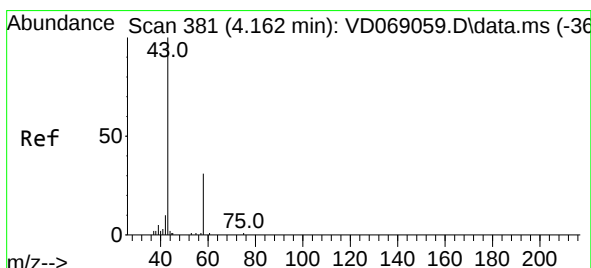
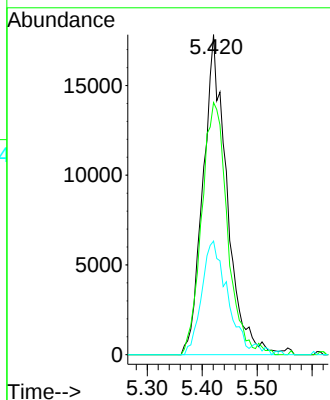
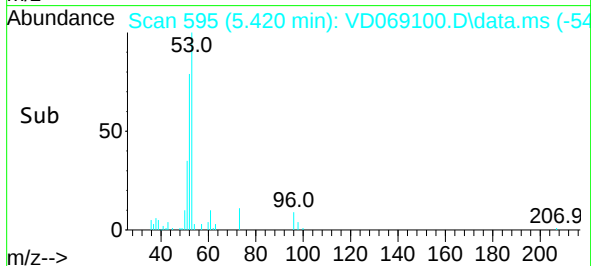


Tgt Ion: 53 Resp: 53627
Ion Ratio Lower Upper
53 100
52 84.4 66.0 99.0
51 38.0 30.6 45.8

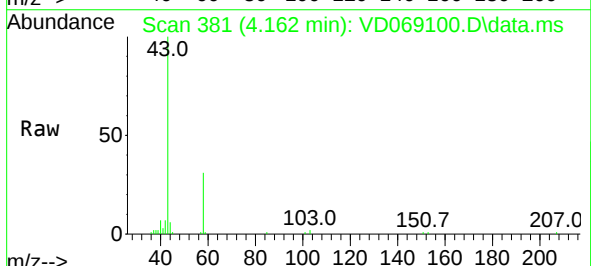
Manual Integrations
APPROVED

sam

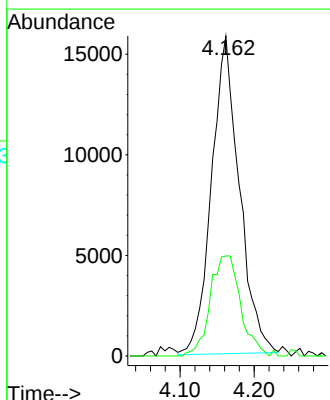
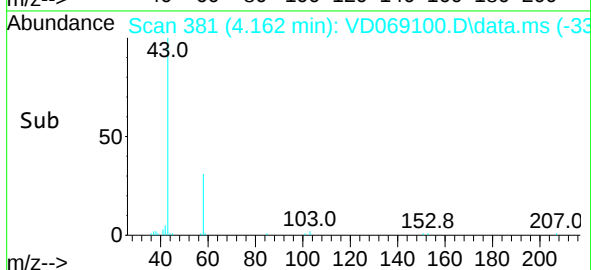
5/10/2021 11:00:49 AM

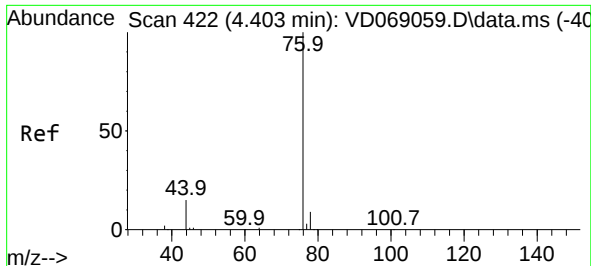


#16
Acetone
Concen: 63.95 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

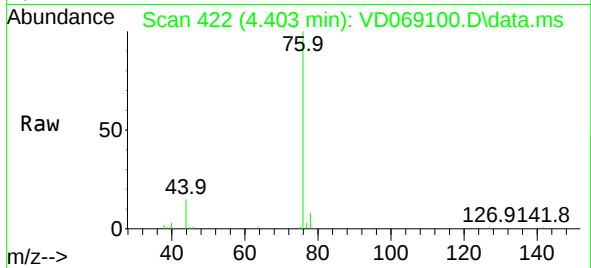


Tgt Ion: 43 Resp: 41079
Ion Ratio Lower Upper
43 100
58 31.6 24.5 36.7

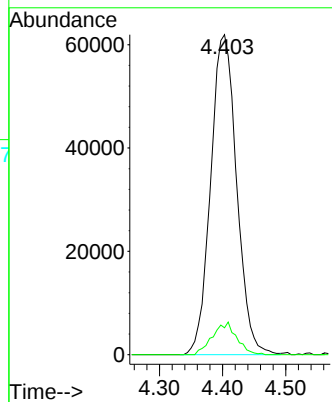
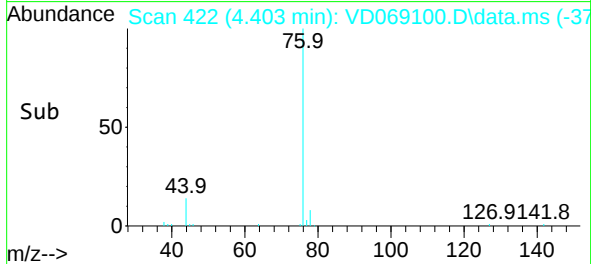




#17
Carbon Disulfide
Concen: 18.15 ug/l
RT: 4.403 min Scan# 422
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 76 Resp: 177168
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

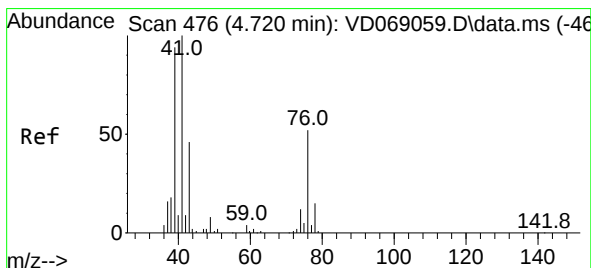


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

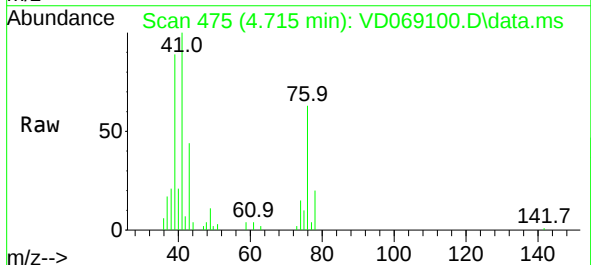
Manual Integrations
APPROVED

sam

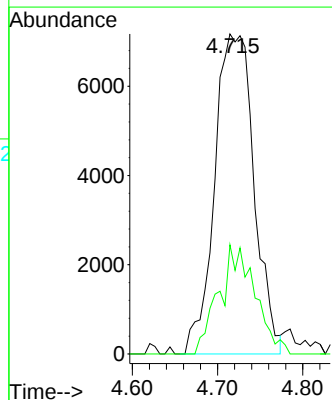
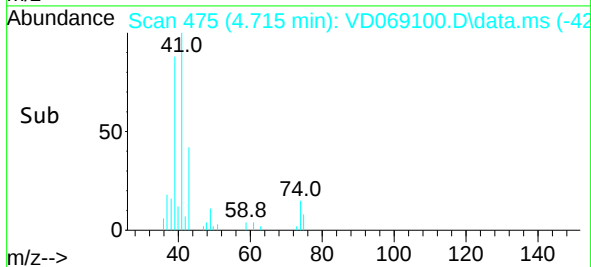
5/10/2021 11:00:49 AM

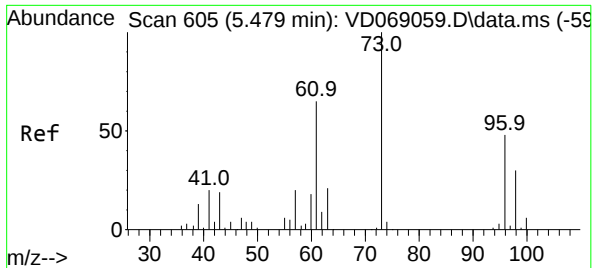


#18
Methyl Acetate
Concen: 16.68 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

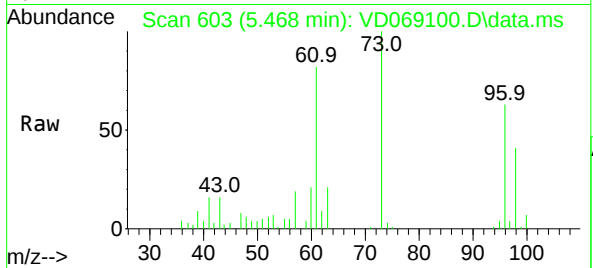


Tgt Ion: 43 Resp: 23063
Ion Ratio Lower Upper
43 100
74 31.3 23.3 34.9

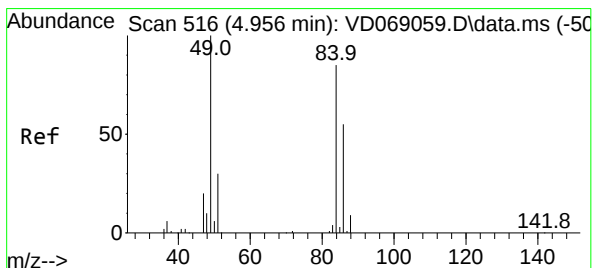
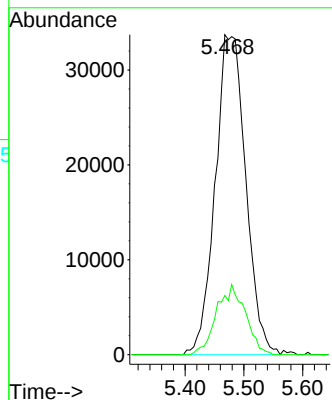
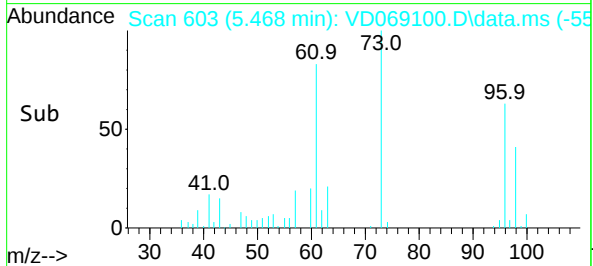




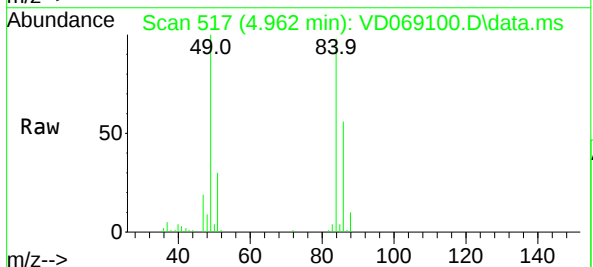
#19
Methyl tert-butyl Ether
Concen: 18.41 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



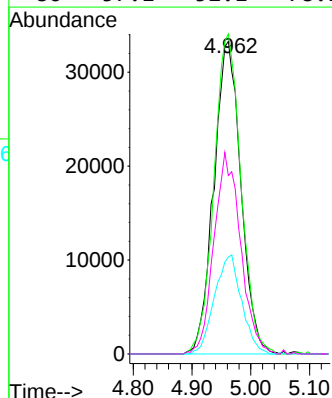
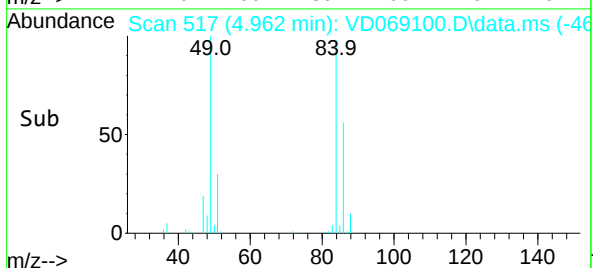
Tgt Ion: 73 Resp: 121475
Ion Ratio Lower Upper
73 100
57 18.5 16.4 24.6



#20
Methylene Chloride
Concen: 27.49 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 84 Resp: 106286
Ion Ratio Lower Upper
84 100
49 102.4 93.9 140.9
51 31.0 27.9 41.9
86 57.1 52.1 78.1

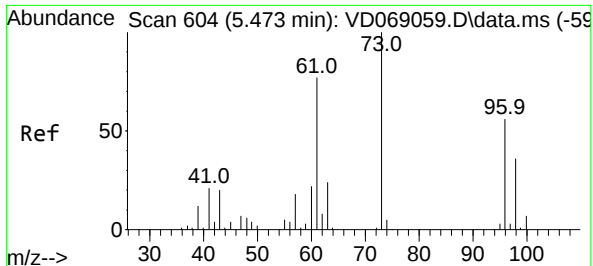


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

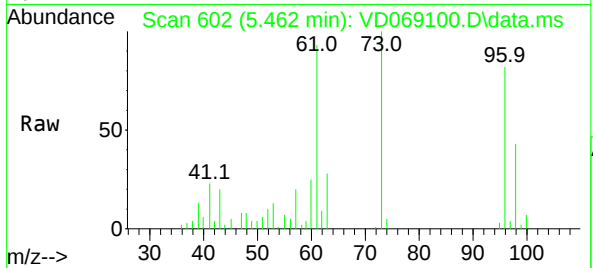
Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM

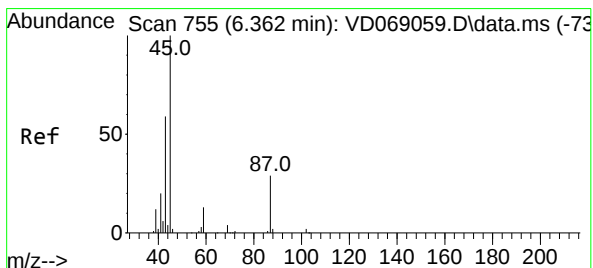
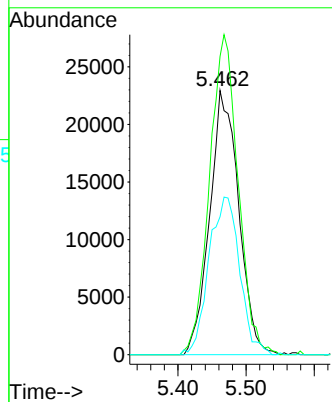
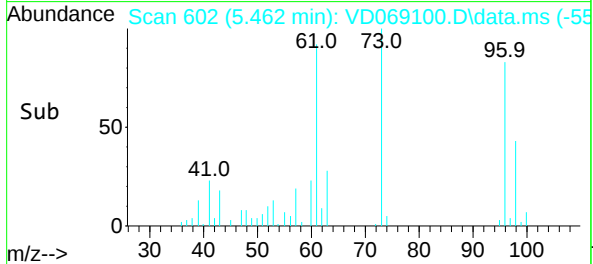


#21
trans-1,2-Dichloroethene
Concen: 19.82 ug/l
RT: 5.462 min Scan# 602
Delta R.T. -0.012 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

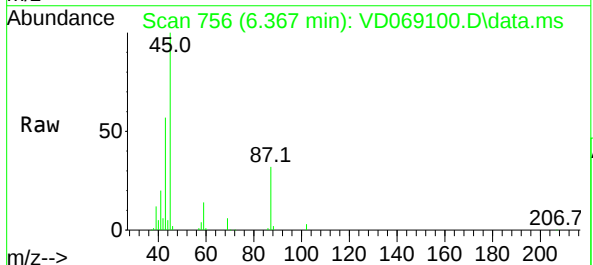


Tgt Ion: 96 Resp: 67993

Ion	Ratio	Lower	Upper
96	100		
61	112.9	109.0	163.4
98	52.2	51.2	76.8

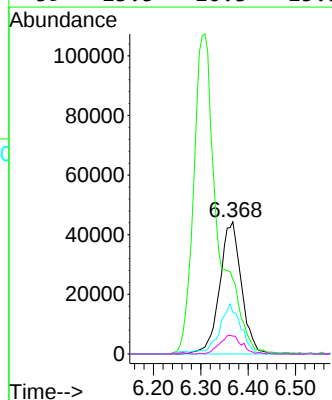
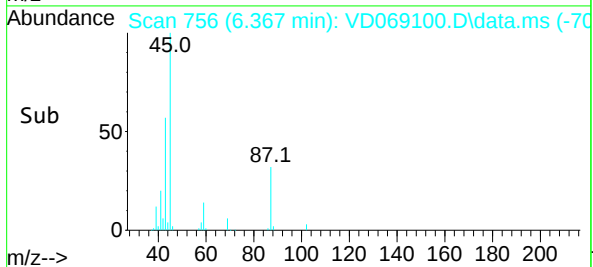


#22
Diisopropyl ether
Concen: 16.96 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 45 Resp: 140884

Ion	Ratio	Lower	Upper
45	100		
43	55.8	48.0	72.0
87	31.1	23.6	35.4
59	13.5	10.3	15.5

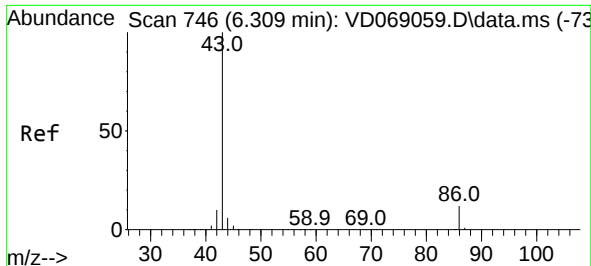


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#23
 Vinyl Acetate
 Concen: 80.39 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069100.D
 Acq: 07 May 2021 13:56

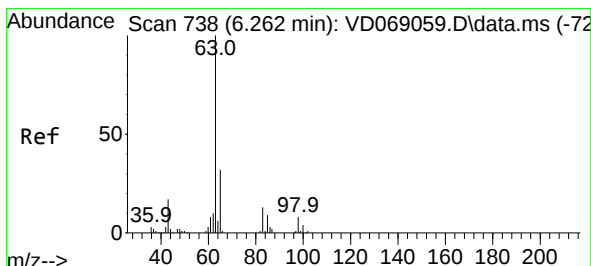
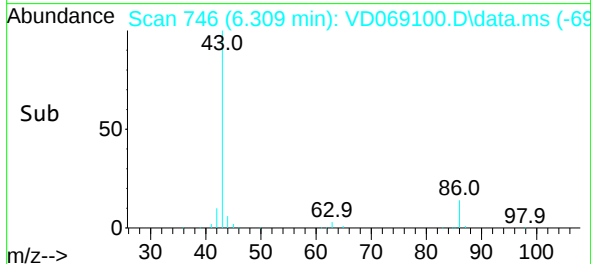
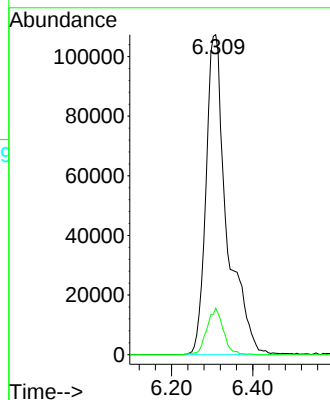
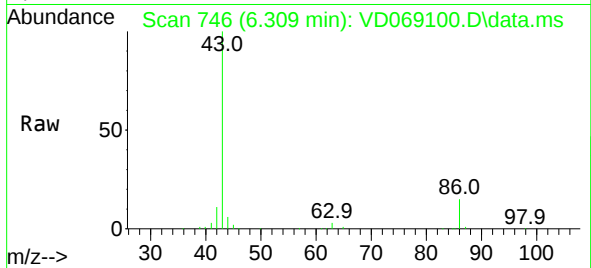
Tgt Ion: 43 Resp: 381714
 Ion Ratio Lower Upper
 43 100
 86 14.6 9.6 14.4#

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0507SBSD01

Manual Integrations
 APPROVED

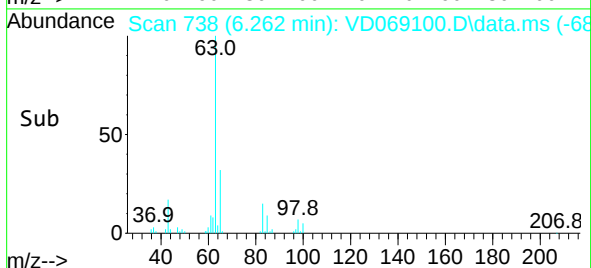
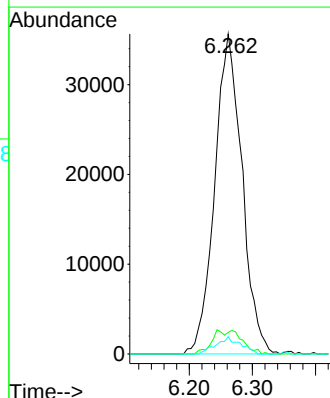
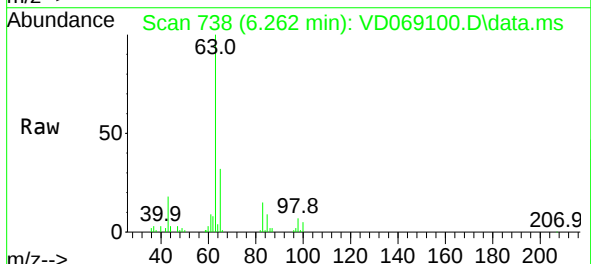
sam

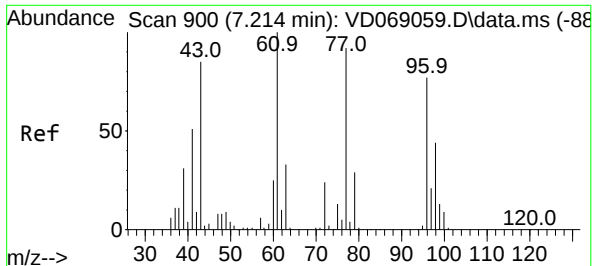
5/10/2021 11:00:49 AM



#24
 1,1-Dichloroethane
 Concen: 18.23 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD069100.D
 Acq: 07 May 2021 13:56

Tgt Ion: 63 Resp: 106943
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 5.4 2.1 6.5





#25
2-Butanone
Concen: 79.06 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

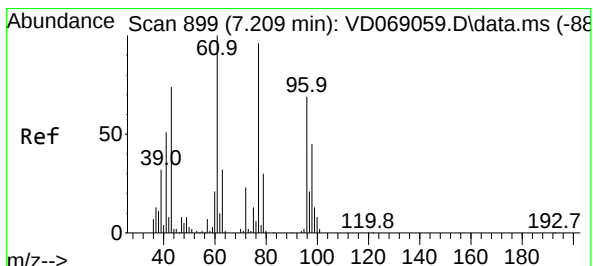
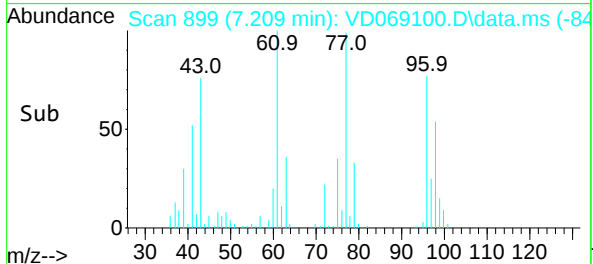
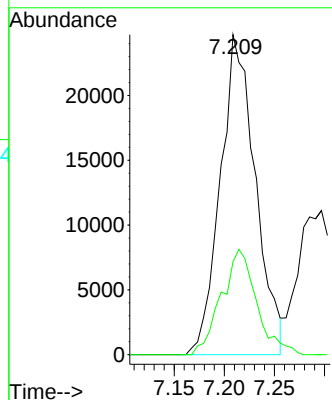
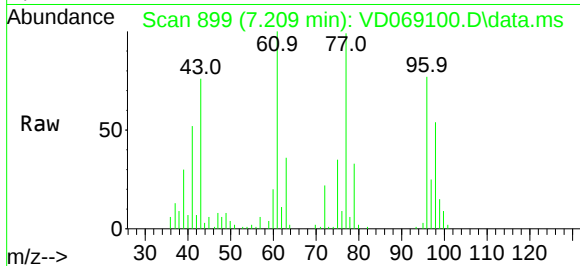
Tgt Ion: 43 Resp: 60018
Ion Ratio Lower Upper
43 100
72 29.1 23.0 34.4

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

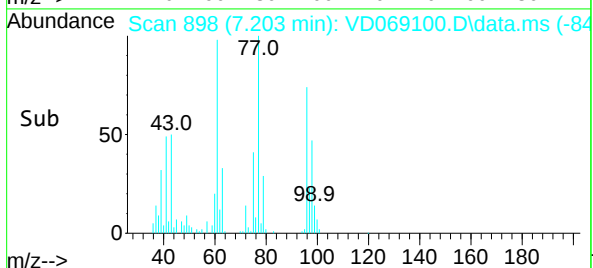
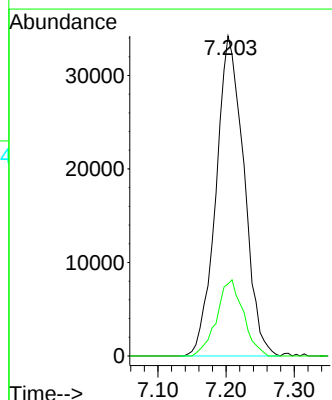
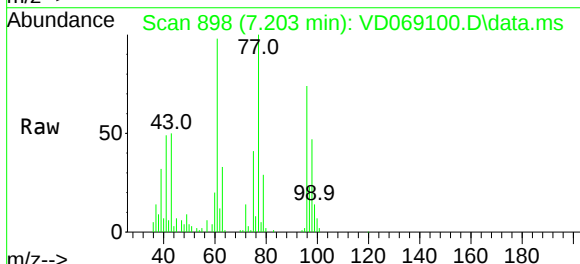
sam

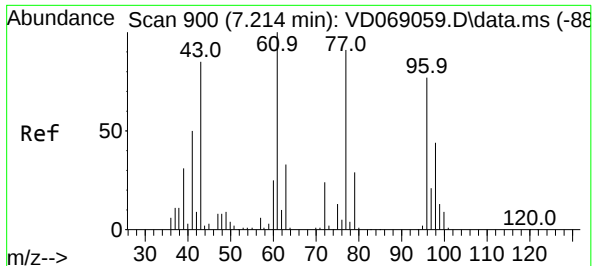
5/10/2021 11:00:49 AM



#26
2,2-Dichloropropane
Concen: 17.81 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion: 77 Resp: 97570
Ion Ratio Lower Upper
77 100
97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.06 ug/l

RT: 7.215 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD069100.D

Acq: 07 May 2021 13:56

Tgt Ion:	96	Resp:	70571
Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	278.0
98	65.5	0.0	126.0

Instrument :

MSVOA_D

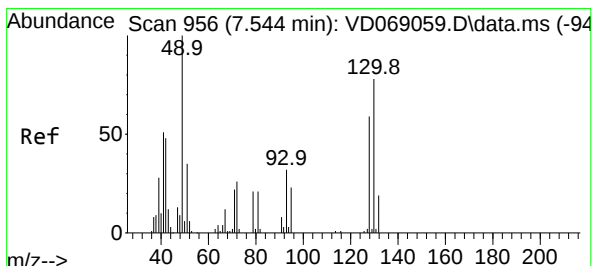
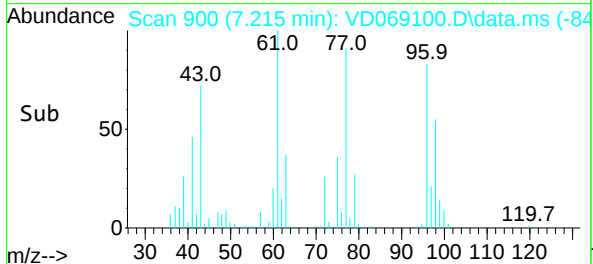
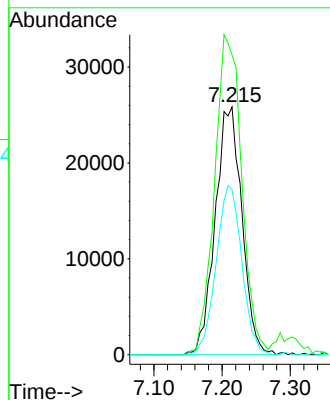
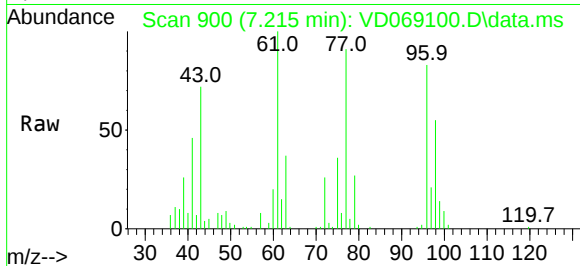
ClientSampleId :

VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#28

Bromochloromethane

Concen: 17.01 ug/l

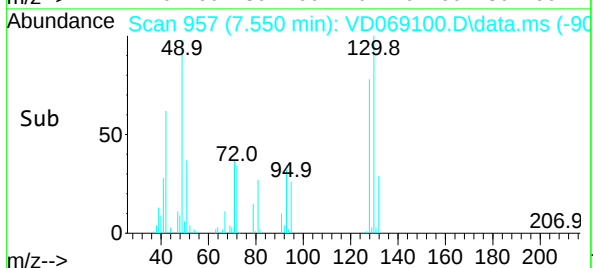
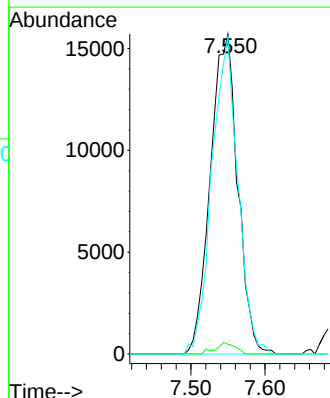
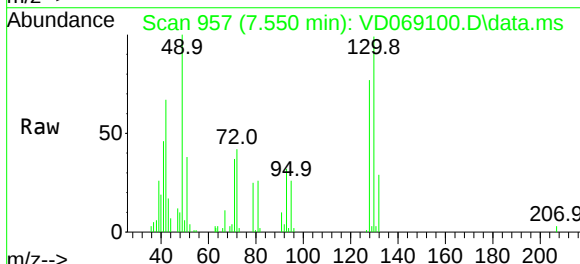
RT: 7.550 min Scan# 957

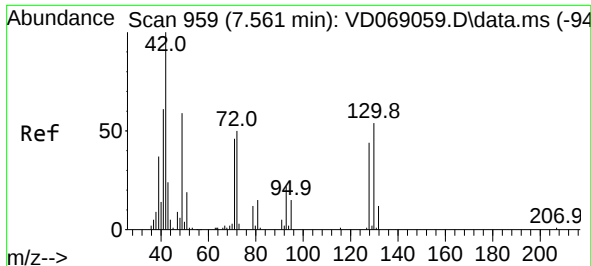
Delta R.T. 0.006 min

Lab File: VD069100.D

Acq: 07 May 2021 13:56

Tgt Ion:	49	Resp:	40283
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	94.4	64.9	97.3





#29

Tetrahydrofuran

Concen: 78.62 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD069100.D

Acq: 07 May 2021 13:56

Tgt Ion:	42	Resp:	36717
Ion	Ratio	Lower	Upper
42	100		
72	58.1	39.4	59.0
71	56.7	38.4	57.6

Instrument :

MSVOA_D

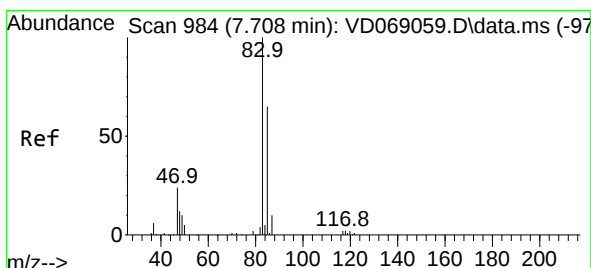
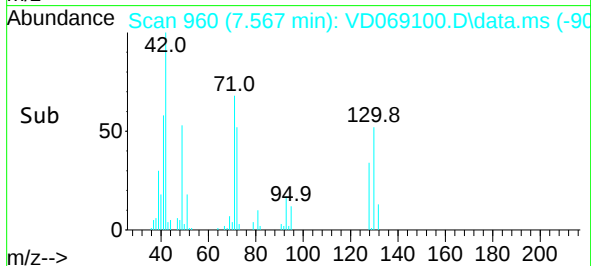
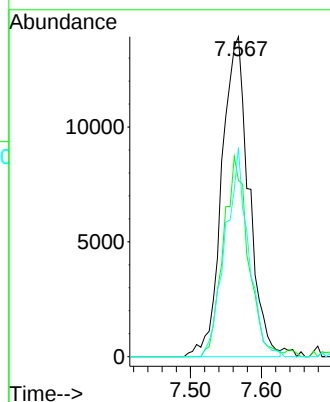
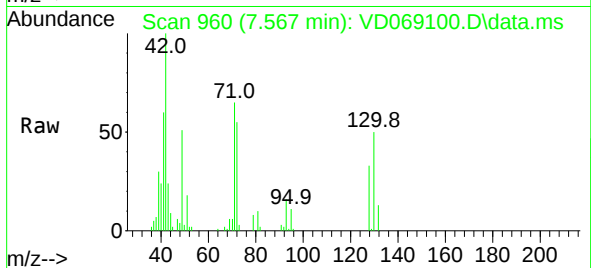
ClientSampleId :

VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#30

Chloroform

Concen: 18.43 ug/l

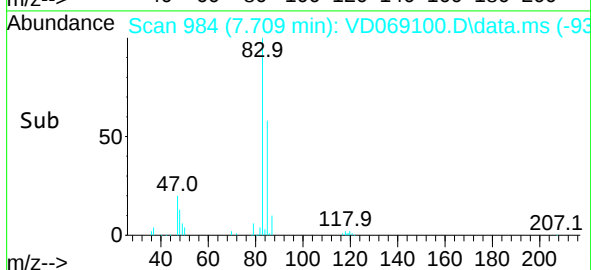
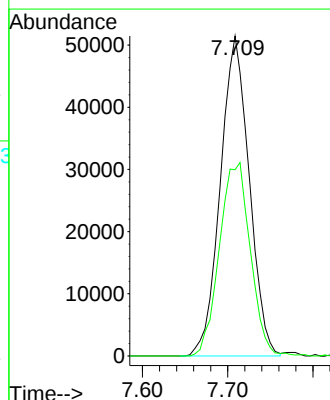
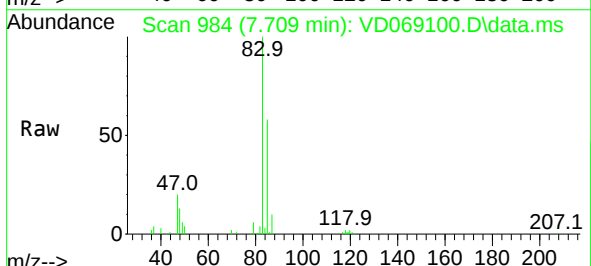
RT: 7.709 min Scan# 984

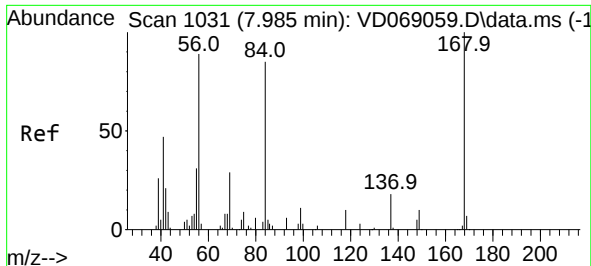
Delta R.T. 0.000 min

Lab File: VD069100.D

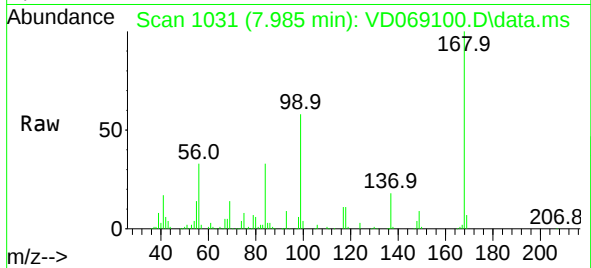
Acq: 07 May 2021 13:56

Tgt Ion:	83	Resp:	120923
Ion	Ratio	Lower	Upper
83	100		
85	58.2	52.4	78.6

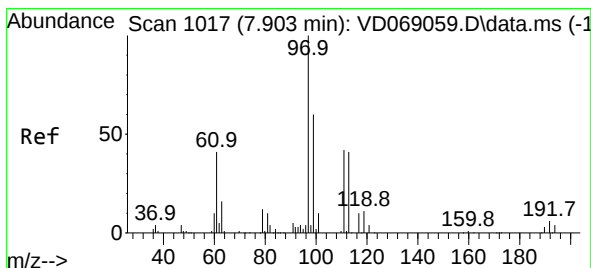
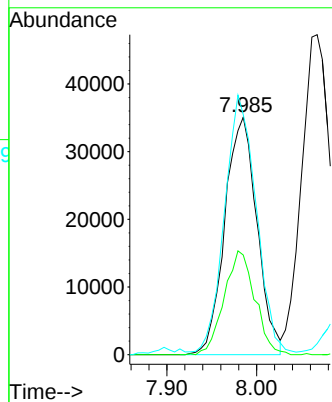
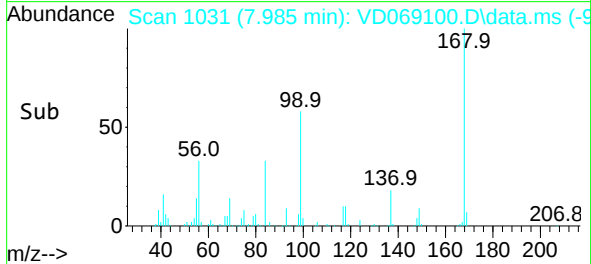




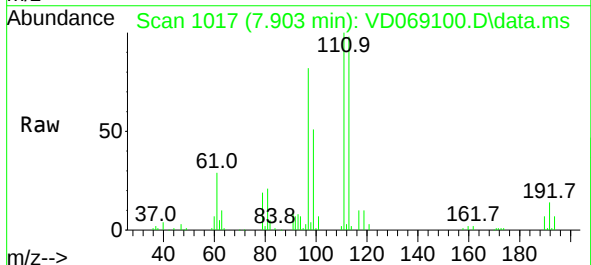
#31
Cyclohexane
Concen: 16.95 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



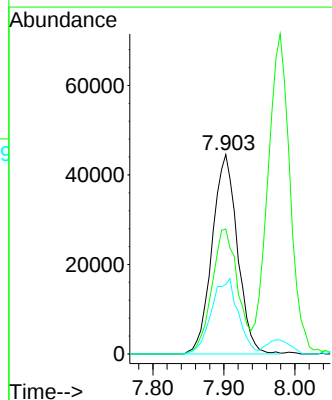
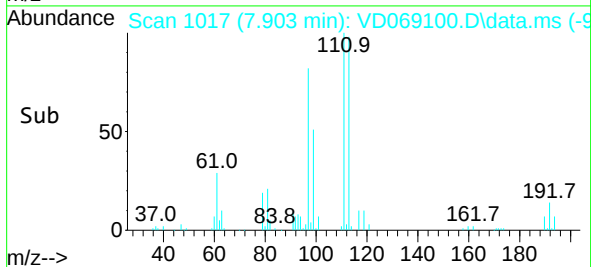
Tgt Ion: 56 Resp: 87301
Ion Ratio Lower Upper
56 100
69 42.0 26.3 39.5#
84 98.7 75.9 113.9



#32
1,1,1-Trichloroethane
Concen: 18.39 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 97 Resp: 110163
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 40.1 34.6 52.0

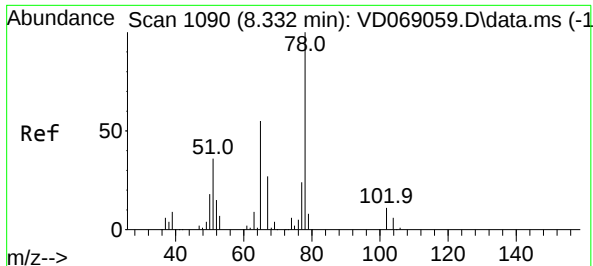


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#33
1,2-Dichloroethane-d4
Concen: 43.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

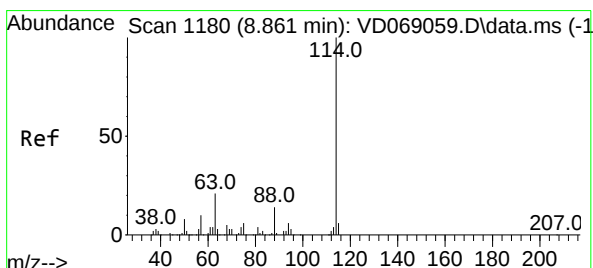
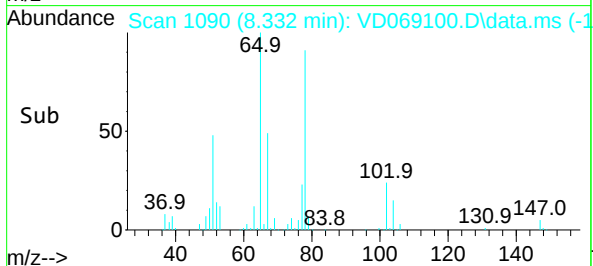
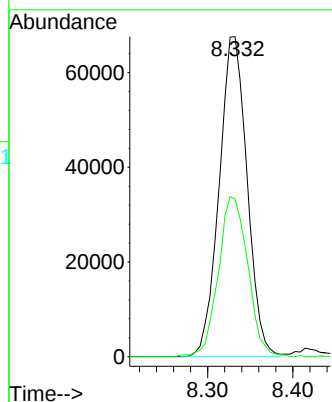
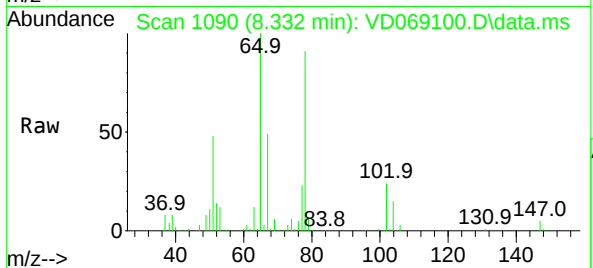
Tgt Ion: 65 Resp: 153981
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

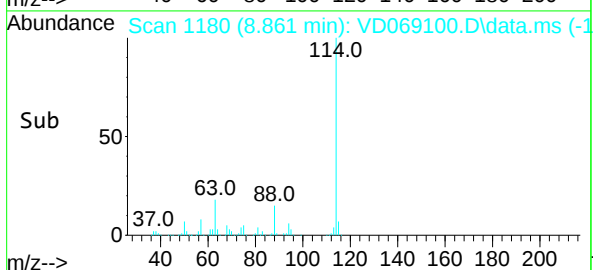
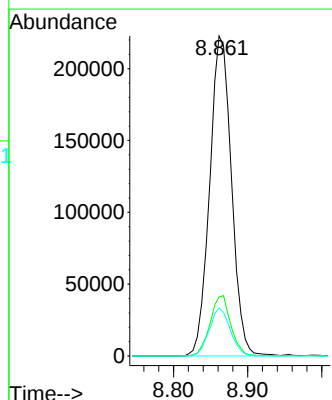
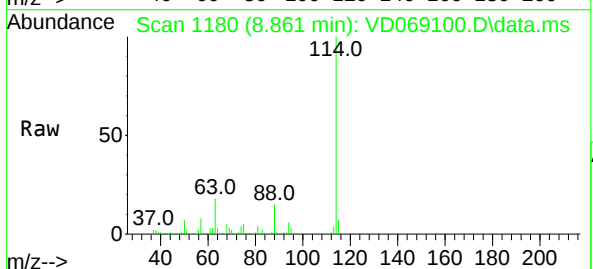
sam

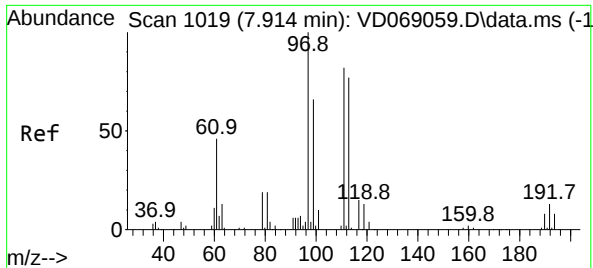
5/10/2021 11:00:49 AM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion: 114 Resp: 454838
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.4
88 15.0 0.0 27.8





#35

Dibromofluoromethane

Concen: 51.46 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069100.D

Acq: 07 May 2021 13:56

Tgt Ion:	113	Resp:	160525
Ion Ratio	Lower	Upper	
113	100		
111	100.9	84.6	126.8
192	18.1	13.5	20.3

Instrument :

MSVOA_D

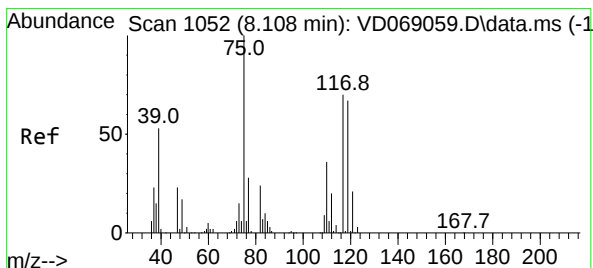
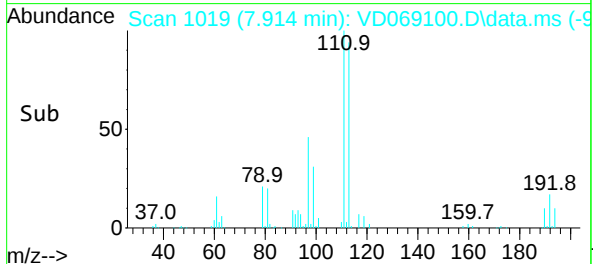
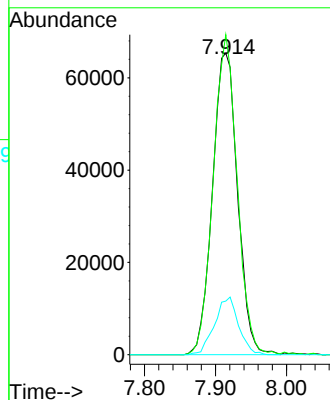
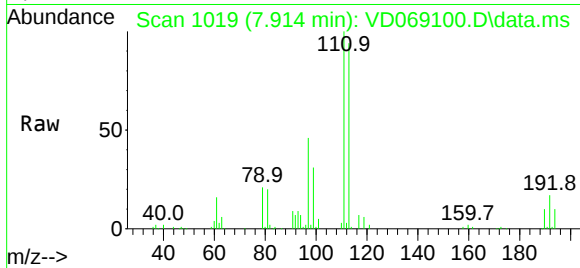
ClientSampleId :

VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#36

1,1-Dichloropropene

Concen: 19.05 ug/l

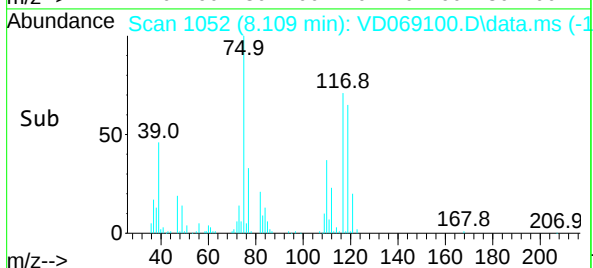
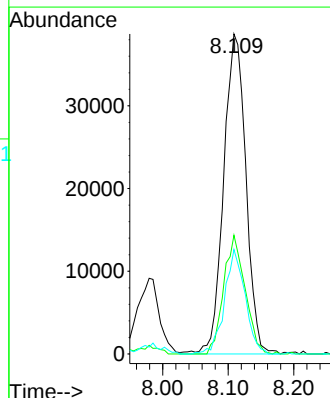
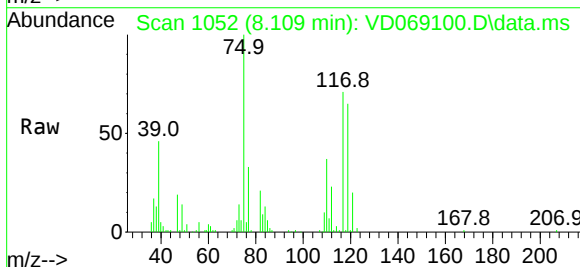
RT: 8.109 min Scan# 1052

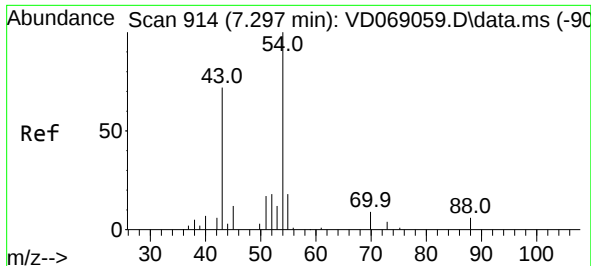
Delta R.T. 0.000 min

Lab File: VD069100.D

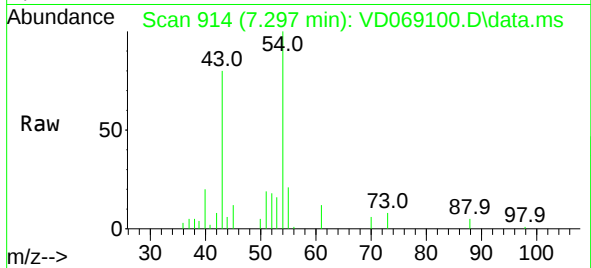
Acq: 07 May 2021 13:56

Tgt Ion:	75	Resp:	91164
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.3	51.7
77	30.3	23.9	35.9

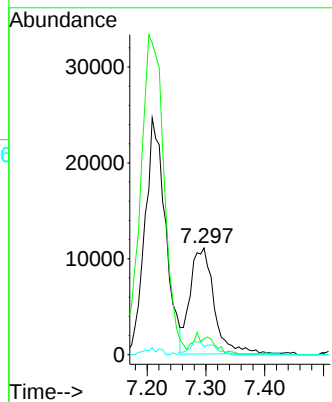
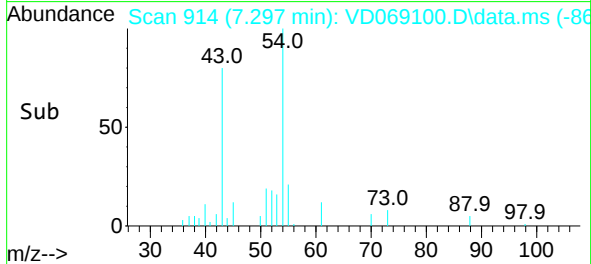




#37
Ethyl Acetate
Concen: 17.35 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 43 Resp: 31304
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 12.2 8.5 12.7

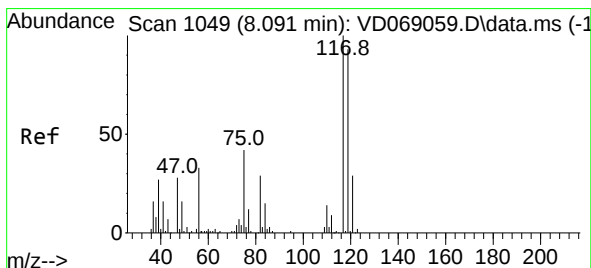


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

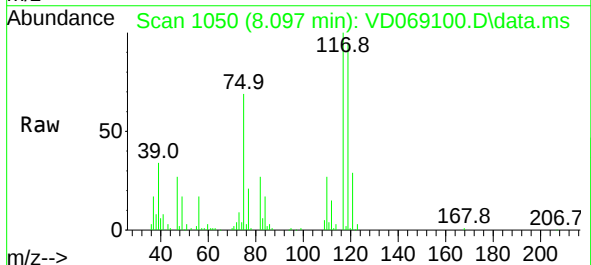
Manual Integrations
APPROVED

sam

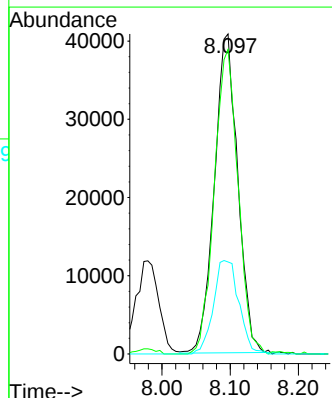
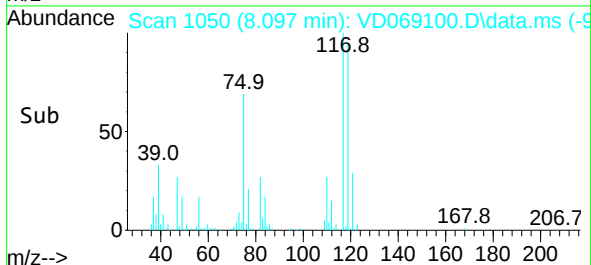
5/10/2021 11:00:49 AM

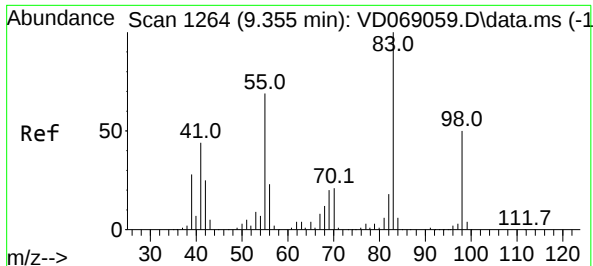


#38
Carbon Tetrachloride
Concen: 18.76 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 117 Resp: 97362
Ion Ratio Lower Upper
117 100
119 95.6 74.7 112.1
121 28.9 23.1 34.7





#39

Methylcyclohexane

Concen: 18.49 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069100.D

Acq: 07 May 2021 13:56

Tgt Ion:	83	Resp:	96759
Ion	Ratio	Lower	Upper
83	100		
55	72.6	55.6	83.4
98	52.3	39.8	59.8

Instrument :

MSVOA_D

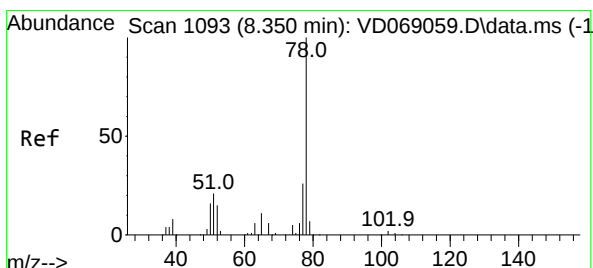
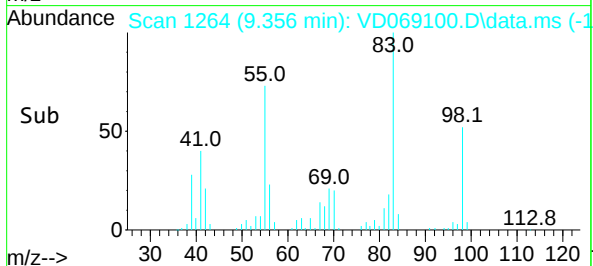
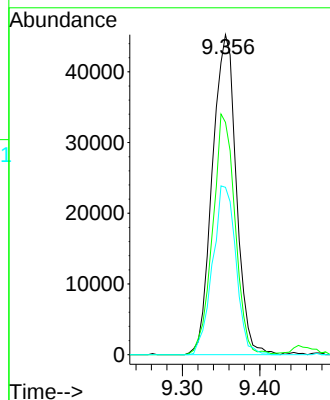
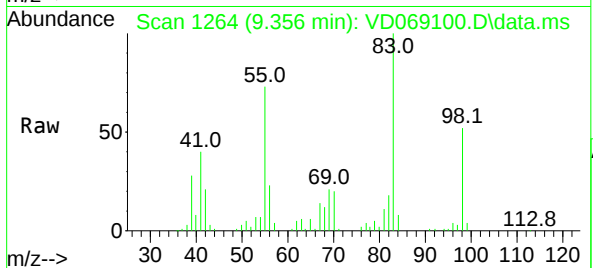
ClientSampleId :

VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#40

Benzene

Concen: 19.54 ug/l

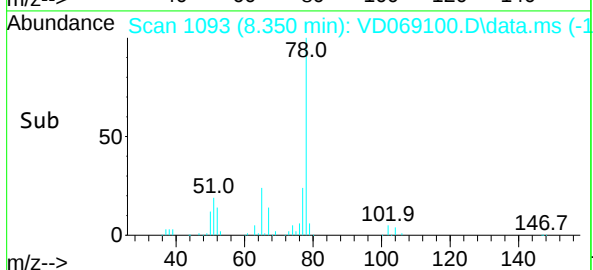
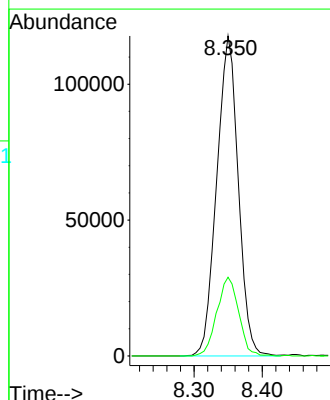
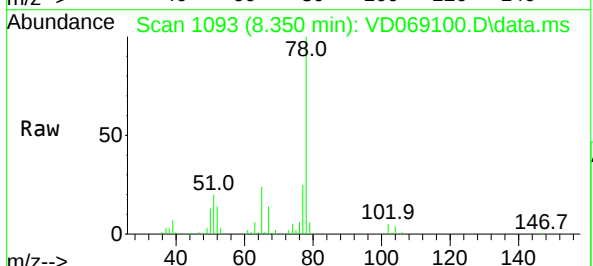
RT: 8.350 min Scan# 1093

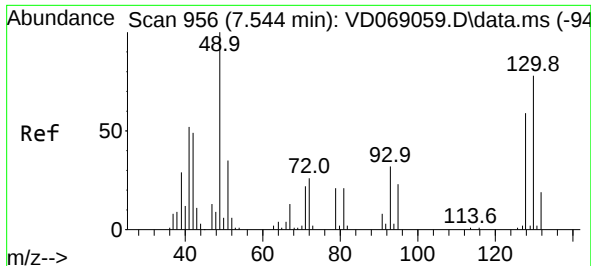
Delta R.T. 0.000 min

Lab File: VD069100.D

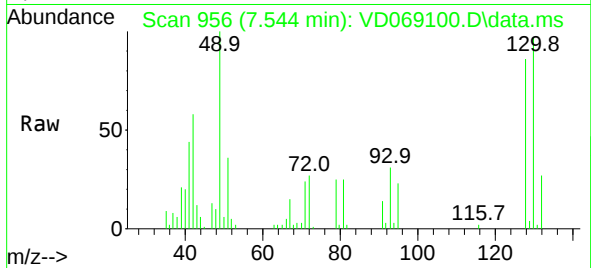
Acq: 07 May 2021 13:56

Tgt Ion:	78	Resp:	258749
Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.5	30.7

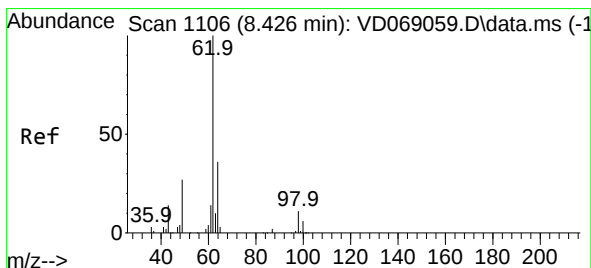
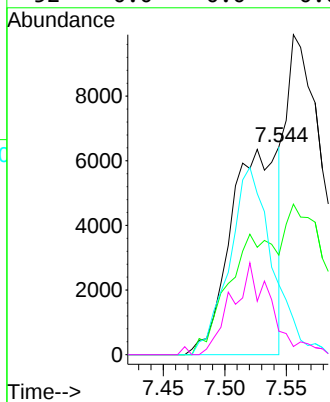
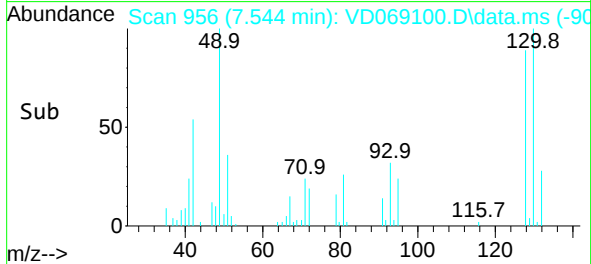




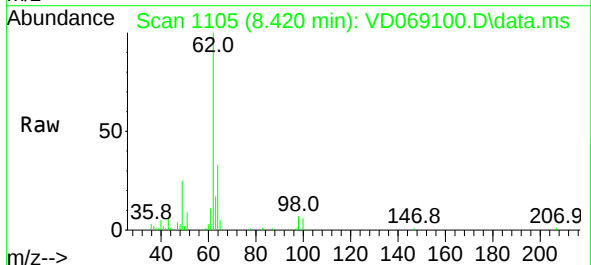
#41
Methacrylonitrile
Concen: 16.62 ug/l m
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



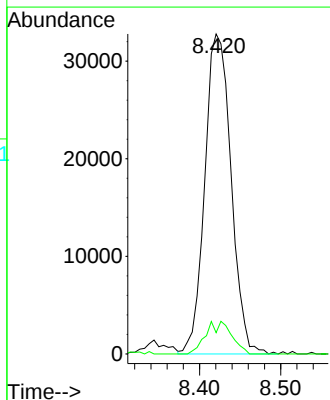
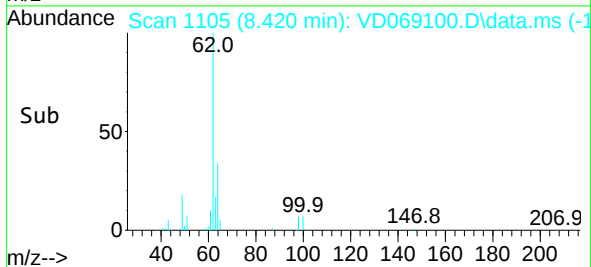
Tgt Ion: 41 Resp: 17381
Ion Ratio Lower Upper
41 100
39 63.1 55.4 83.2
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 17.83 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 62 Resp: 73801
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.2

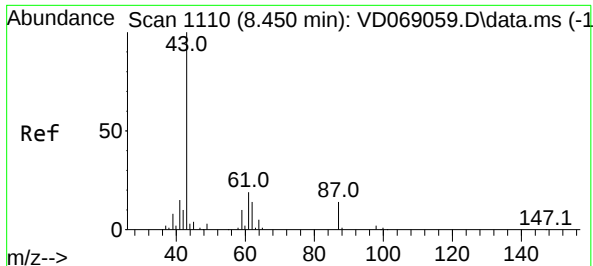


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#43

Isopropyl Acetate
Concen: 16.17 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

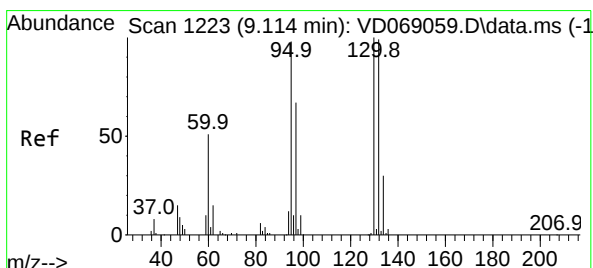
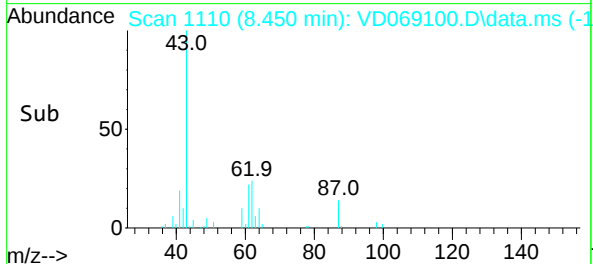
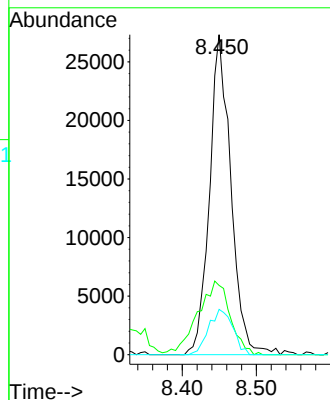
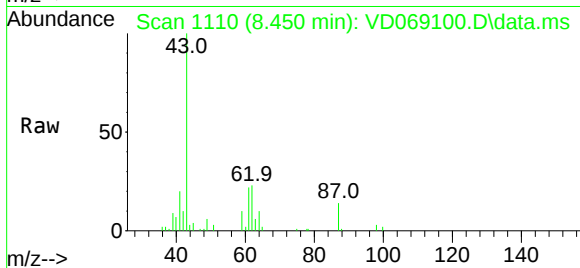
Tgt Ion	Ratio	Lower	Upper
43	100		
61	34.9	26.1	39.1
87	16.0	11.7	17.5

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

sam

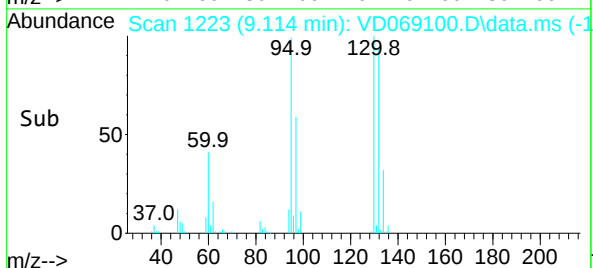
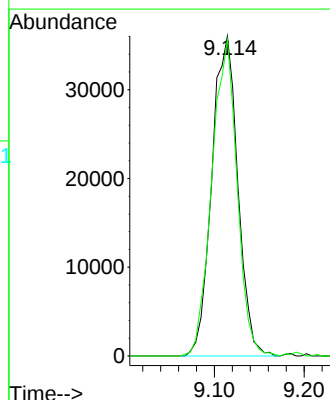
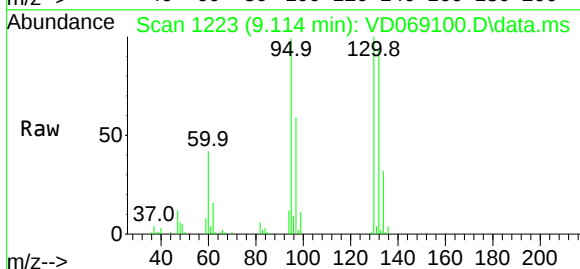
5/10/2021 11:00:49 AM

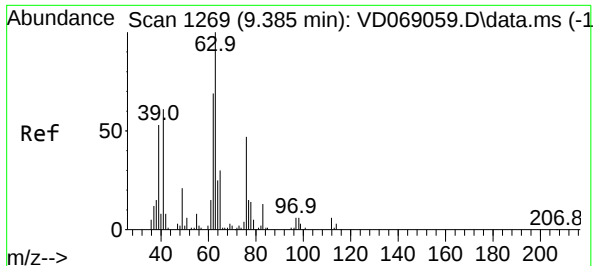


#44

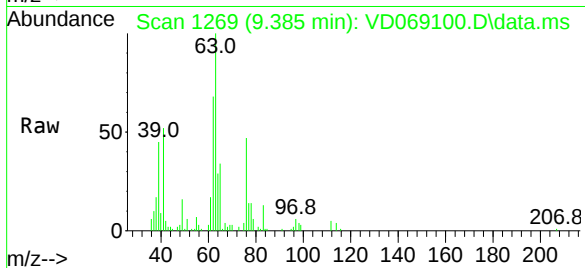
Trichloroethene
Concen: 20.55 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	196.2

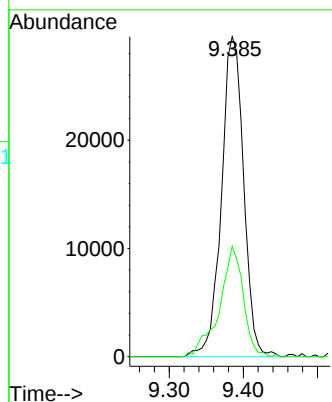
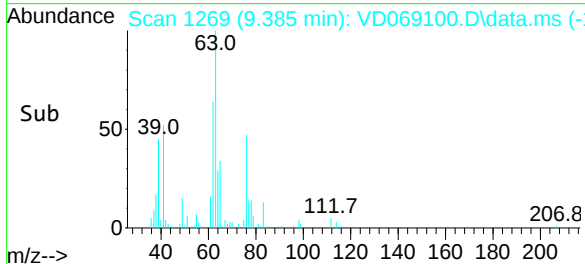




#45
1,2-Dichloropropane
Concen: 18.87 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 63 Resp: 61527
Ion Ratio Lower Upper
63 100
65 34.5 24.2 36.2

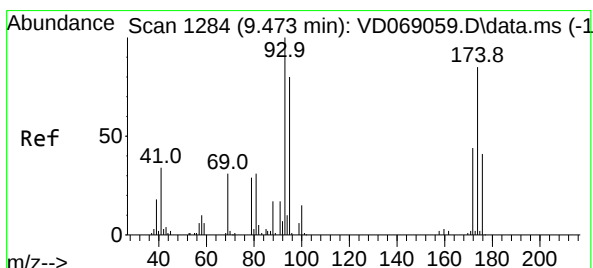


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

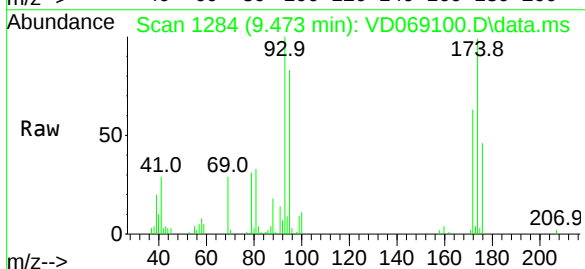
Manual Integrations
APPROVED

sam

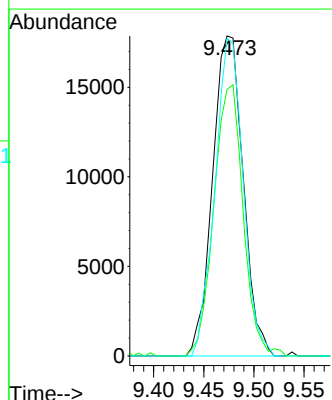
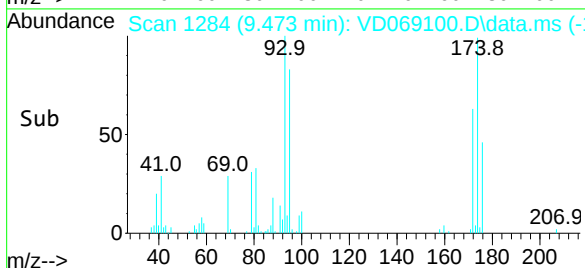
5/10/2021 11:00:49 AM

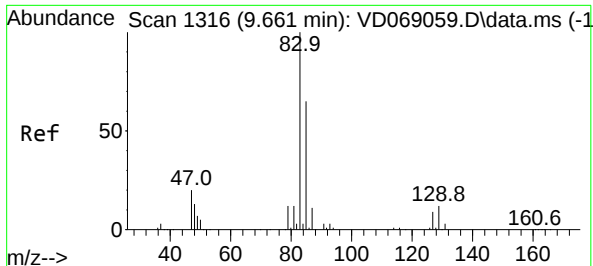


#46
Dibromomethane
Concen: 20.19 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 93 Resp: 37838
Ion Ratio Lower Upper
93 100
95 81.3 66.2 99.2
174 91.7 68.9 103.3





#47

Bromodichloromethane

Concen: 18.59 ug/l

RT: 9.661 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VD069100.D

Acq: 07 May 2021 13:56

Tgt Ion:	83	Resp:	91592
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.1	78.1
127	8.6	7.0	10.4

Instrument :

MSVOA_D

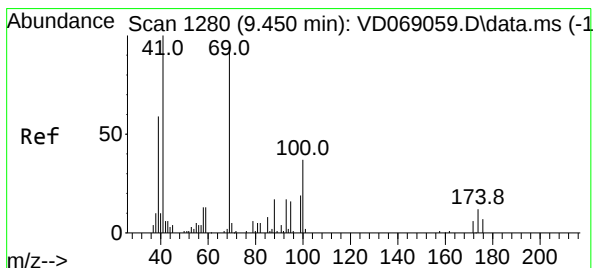
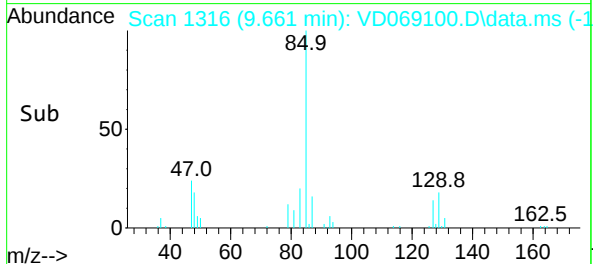
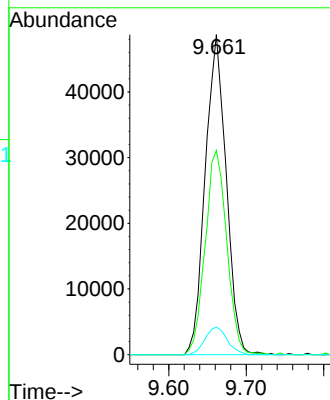
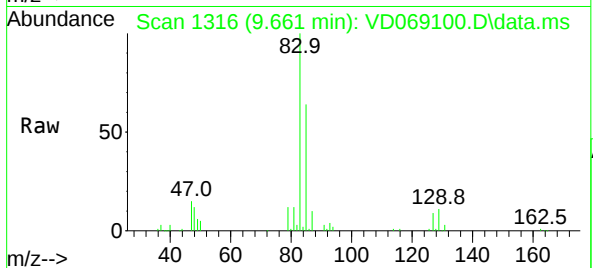
ClientSampleId :

VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM



#48

Methyl methacrylate

Concen: 16.10 ug/l

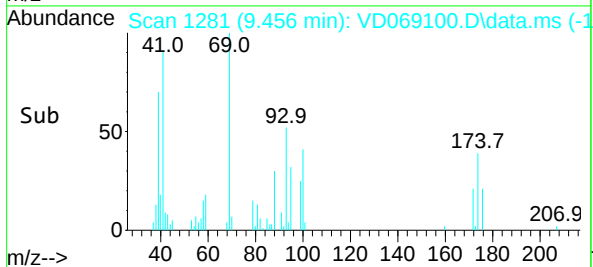
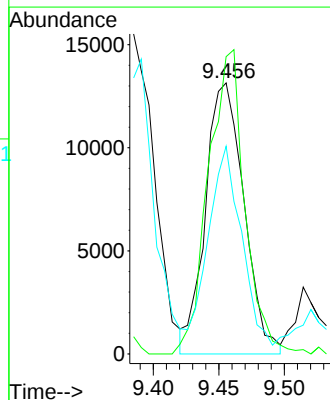
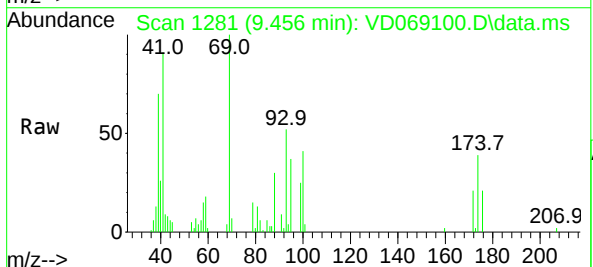
RT: 9.456 min Scan# 1281

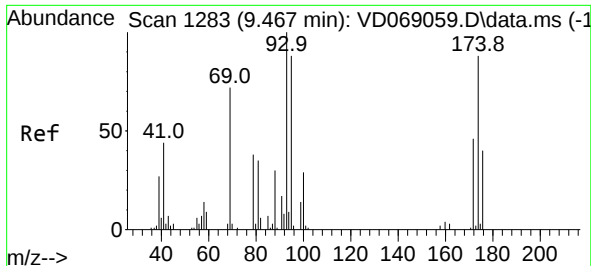
Delta R.T. 0.006 min

Lab File: VD069100.D

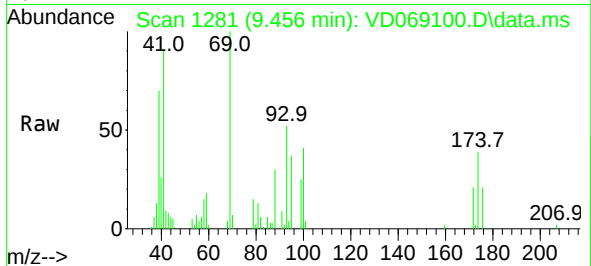
Acq: 07 May 2021 13:56

Tgt Ion:	41	Resp:	26857
Ion	Ratio	Lower	Upper
41	100		
69	106.3	73.9	110.9
39	61.4	51.0	76.4

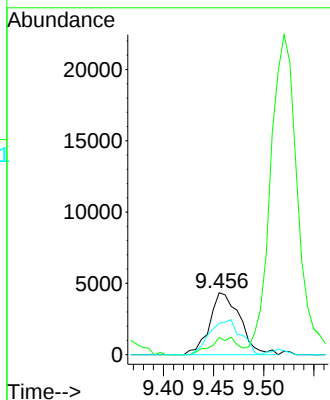
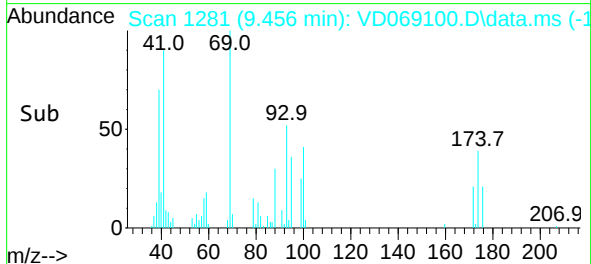




#49
1,4-Dioxane
Concen: 422.71 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 88 Resp: 9159
Ion Ratio Lower Upper
88 100
43 24.3 32.0 48.0#
58 57.6 52.4 78.6

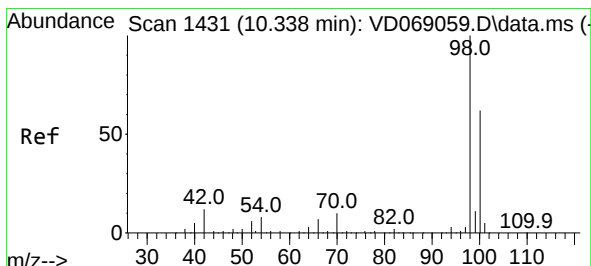


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

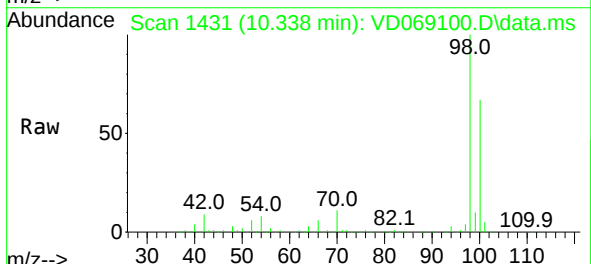
Manual Integrations
APPROVED

sam

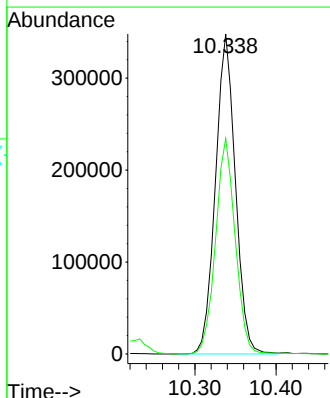
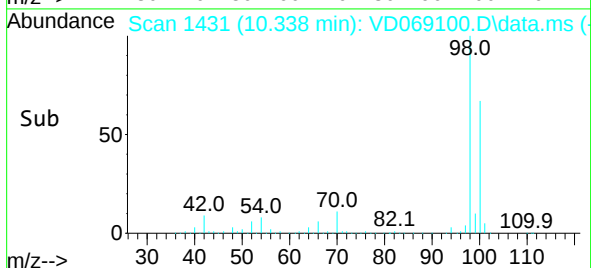
5/10/2021 11:00:49 AM

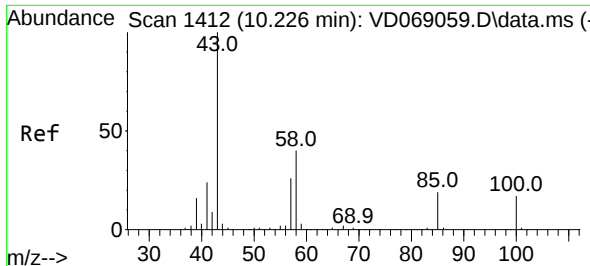


#50
Toluene-d8
Concen: 51.54 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 98 Resp: 593524
Ion Ratio Lower Upper
98 100
100 66.5 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 81.73 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

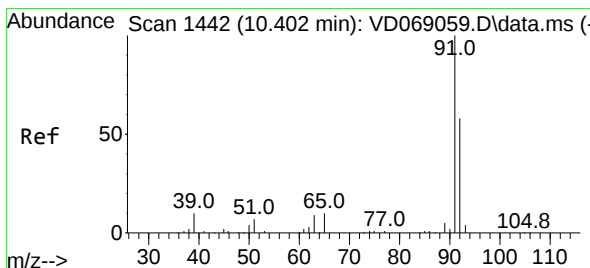
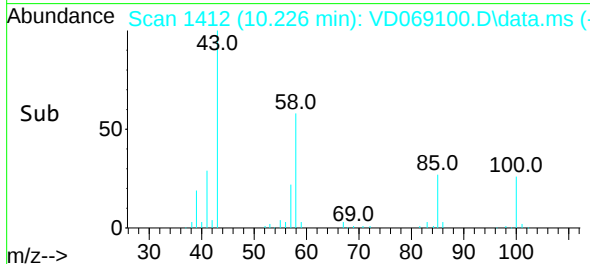
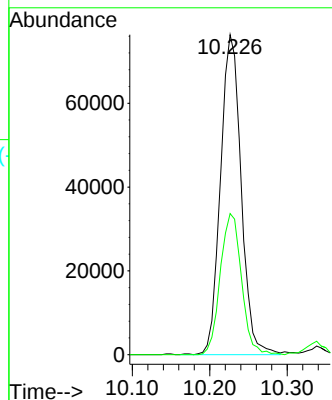
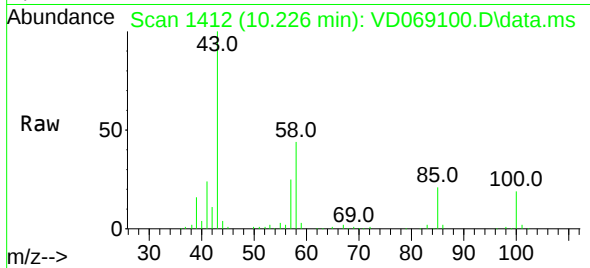
Tgt Ion: 43 Resp: 141518
Ion Ratio Lower Upper
43 100
58 45.3 32.7 49.1

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

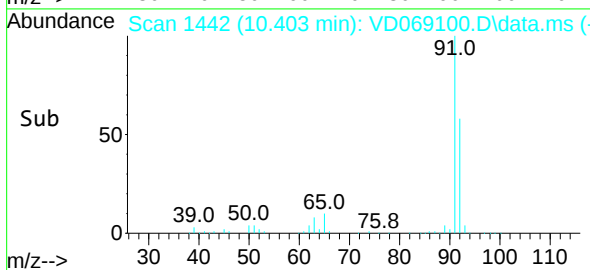
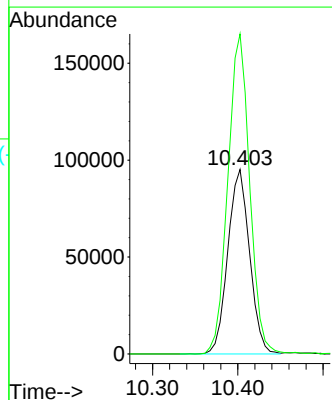
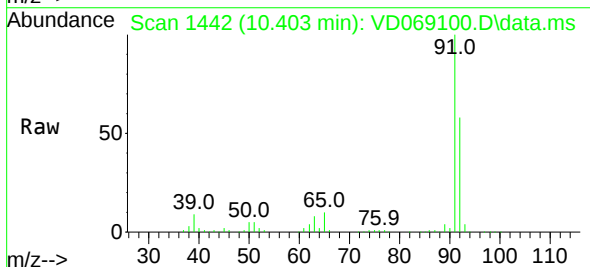
sam

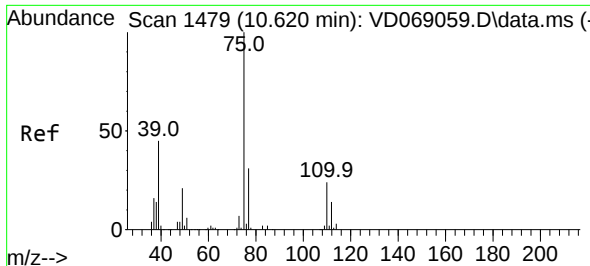
5/10/2021 11:00:49 AM



#52
Toluene
Concen: 20.11 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion: 92 Resp: 169031
Ion Ratio Lower Upper
92 100
91 173.9 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 18.77 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

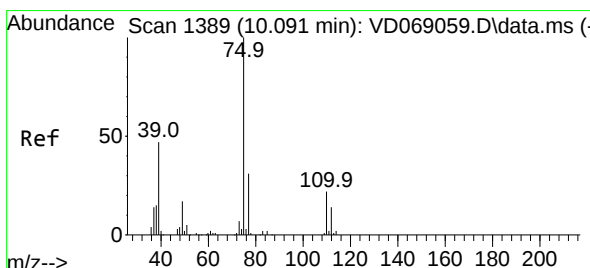
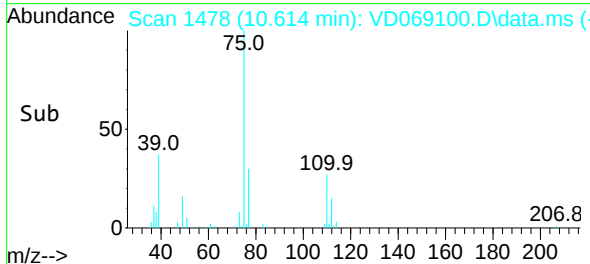
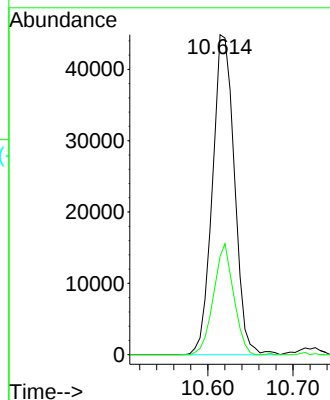
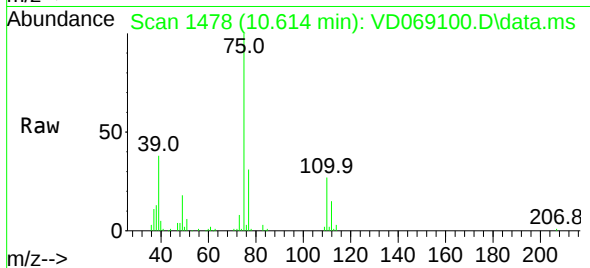
Tgt Ion: 75 Resp: 80374
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

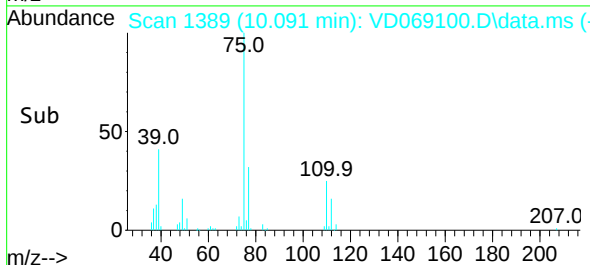
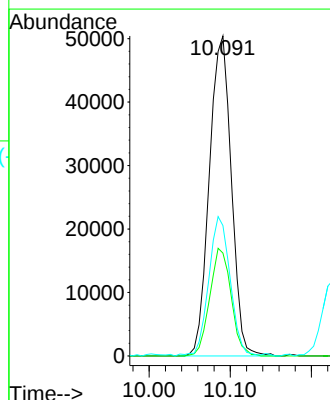
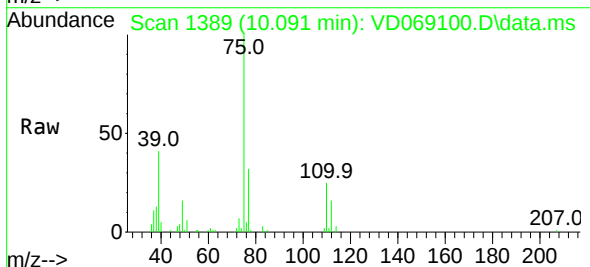
sam

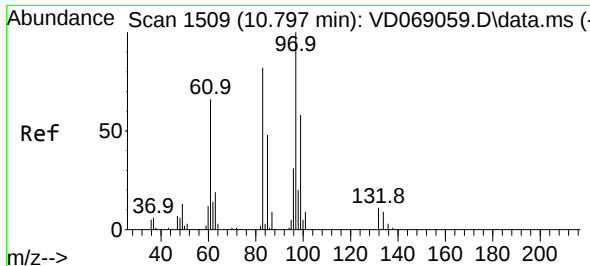
5/10/2021 11:00:49 AM



#54
cis-1,3-Dichloropropene
Concen: 18.74 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion: 75 Resp: 94874
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3
39 40.8 37.8 56.8





#55
1,1,2-Trichloroethane
Concen: 20.27 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

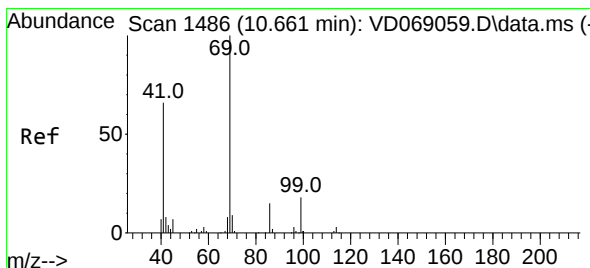
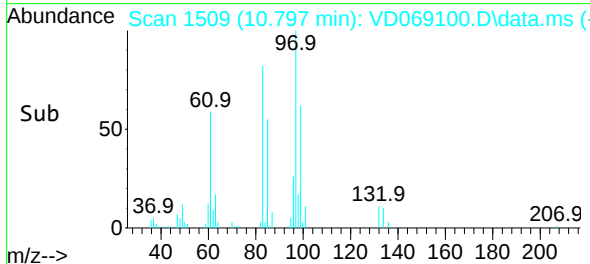
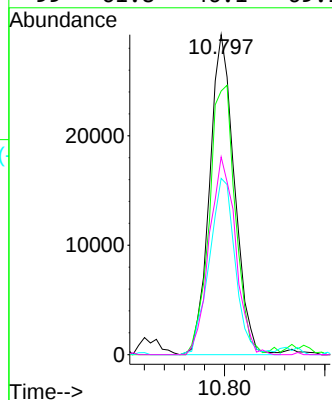
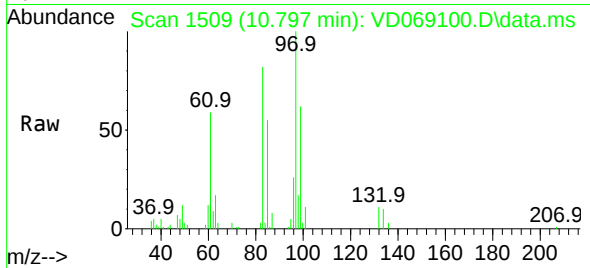
Tgt Ion:	97	Resp:	50431
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.8
85	55.1	38.6	57.8
99	61.8	46.1	69.1

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

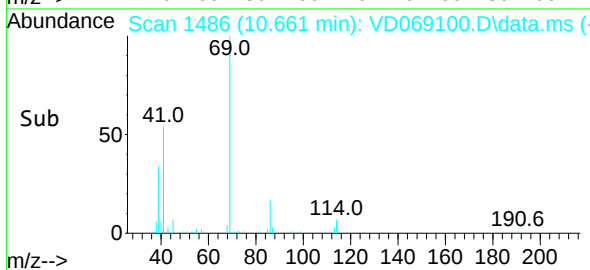
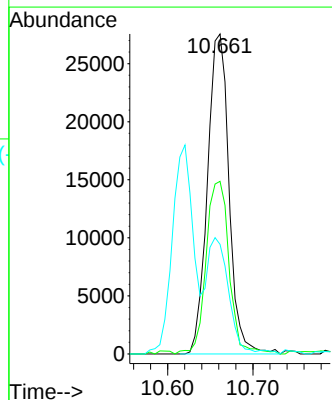
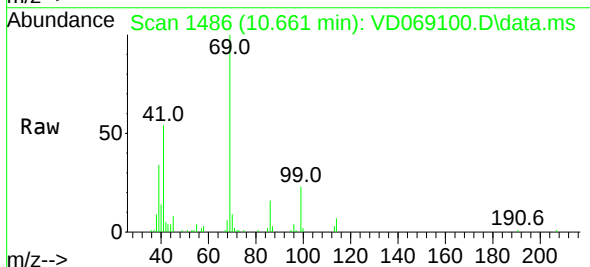
sam

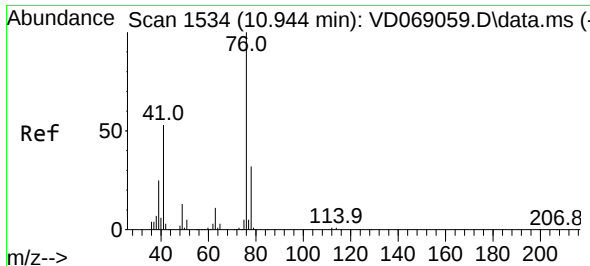
5/10/2021 11:00:49 AM



#56
Ethyl methacrylate
Concen: 17.79 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion:	69	Resp:	48485
Ion	Ratio	Lower	Upper
69	100		
41	57.8	49.2	73.8
39	35.6	29.8	44.6





#57
1,3-Dichloropropane
Concen: 19.95 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

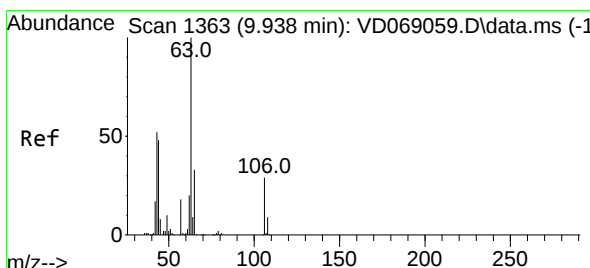
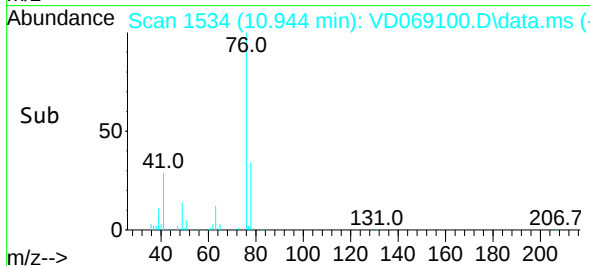
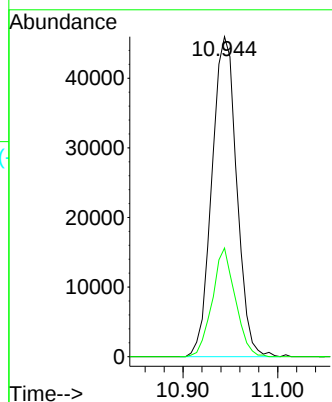
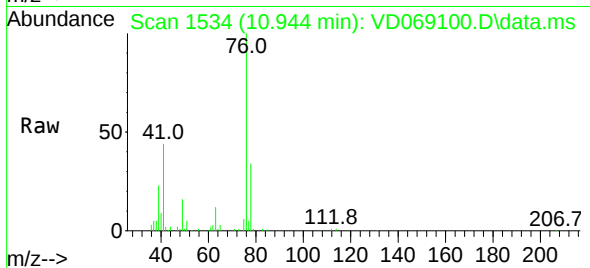
Tgt Ion: 76 Resp: 83668
Ion Ratio Lower Upper
76 100
78 31.4 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

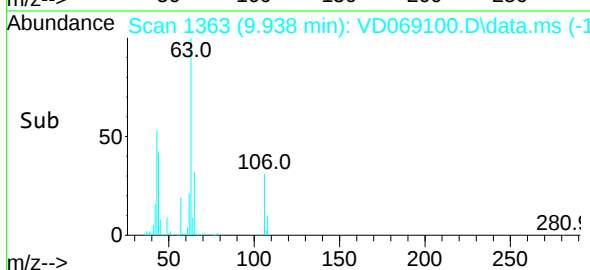
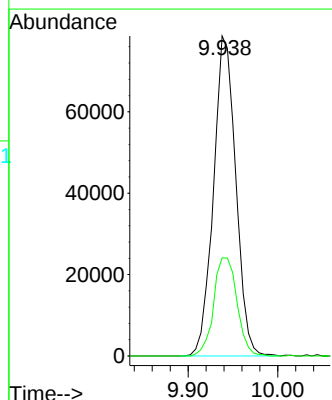
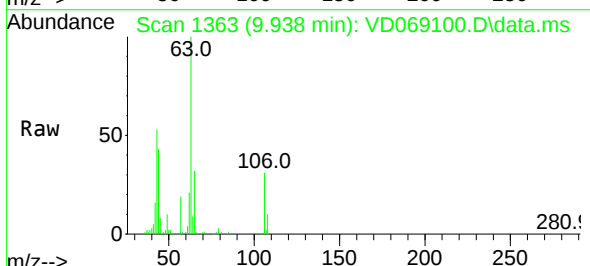
sam

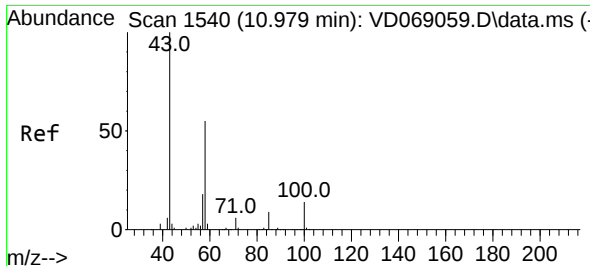
5/10/2021 11:00:49 AM



#58
2-Chloroethyl Vinyl ether
Concen: 94.24 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion: 63 Resp: 135801
Ion Ratio Lower Upper
63 100
106 32.1 23.5 35.3





#59
2-Hexanone
Concen: 82.01 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

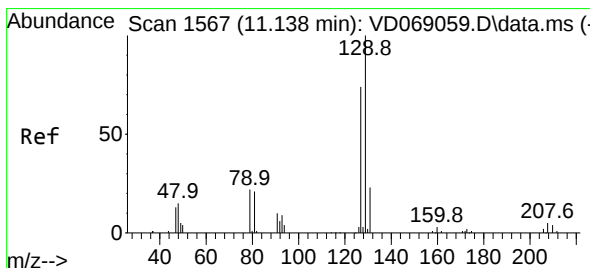
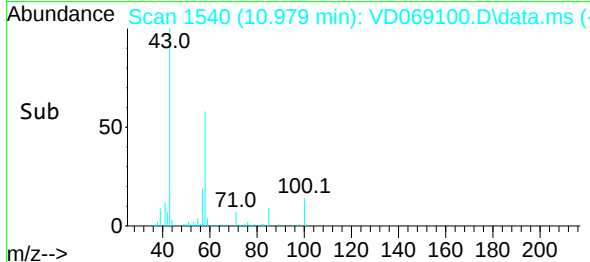
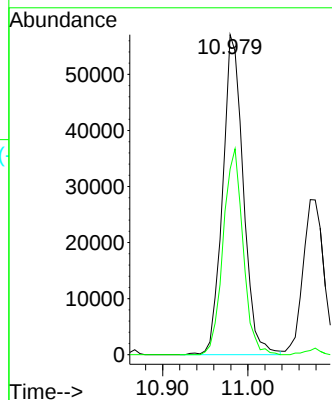
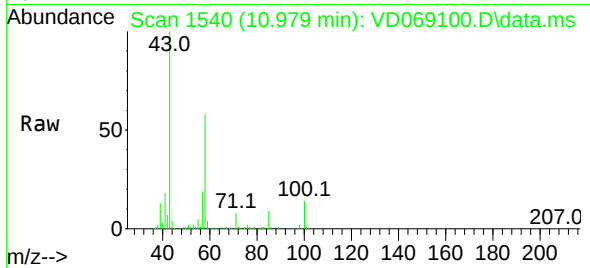
Tgt Ion: 43 Resp: 95846
Ion Ratio Lower Upper
43 100
58 62.0 27.9 83.6

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

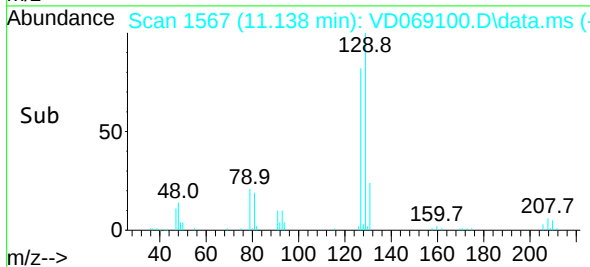
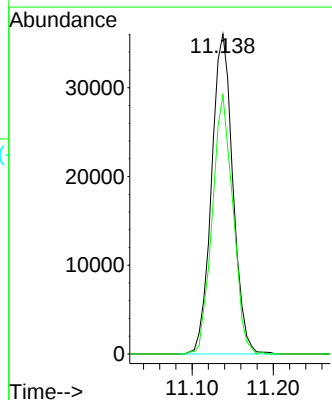
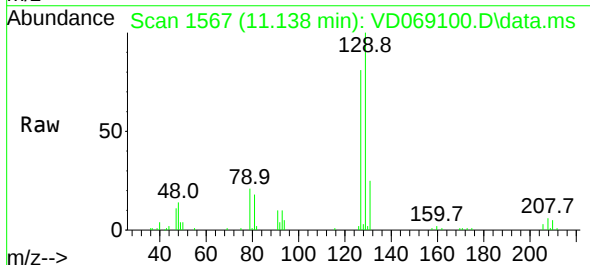
sam

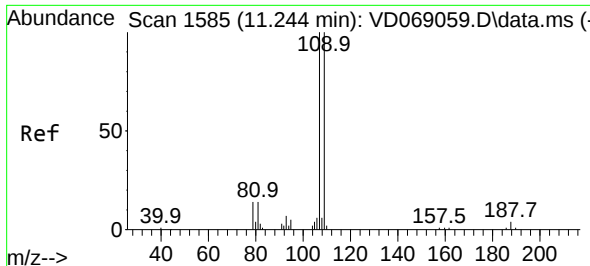
5/10/2021 11:00:49 AM



#60
Dibromochloromethane
Concen: 19.87 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

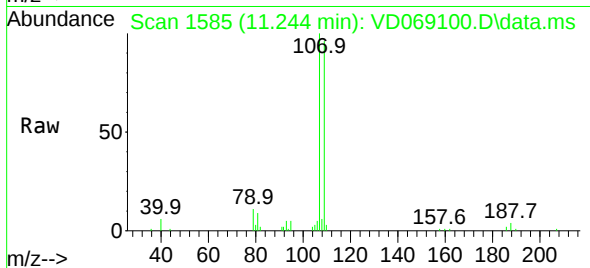
Tgt Ion: 129 Resp: 65795
Ion Ratio Lower Upper
129 100
127 78.6 38.0 114.1





#61
1,2-Dibromoethane
Concen: 20.56 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

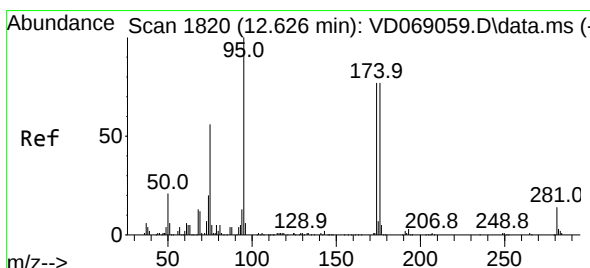
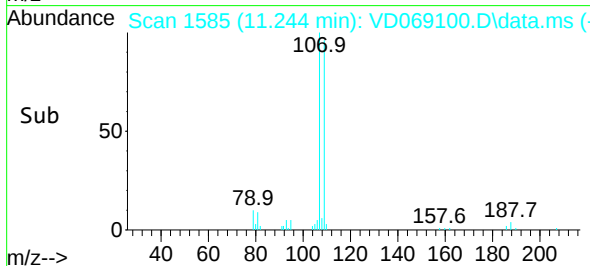
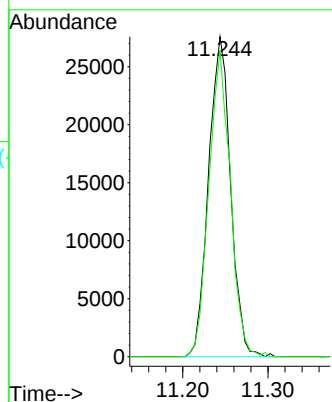


Tgt Ion:107 Resp: 49668
Ion Ratio Lower Upper
107 100
109 93.4 77.6 116.4

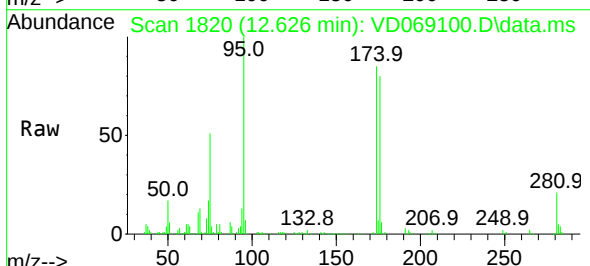
Manual Integrations
APPROVED

sam

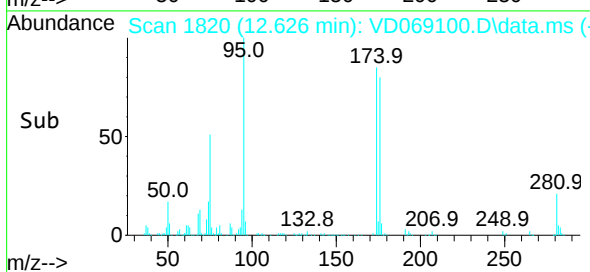
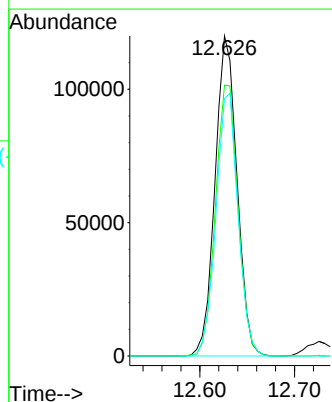
5/10/2021 11:00:49 AM

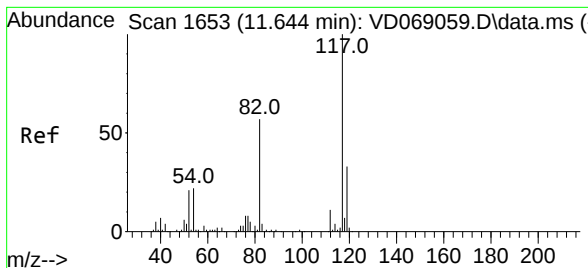


#62
4-Bromofluorobenzene
Concen: 51.11 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

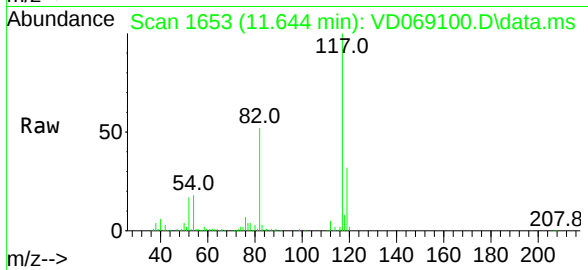


Tgt Ion: 95 Resp: 193569
Ion Ratio Lower Upper
95 100
174 86.9 0.0 156.0
176 82.5 0.0 149.4

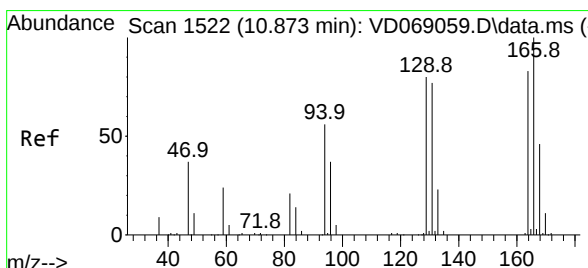
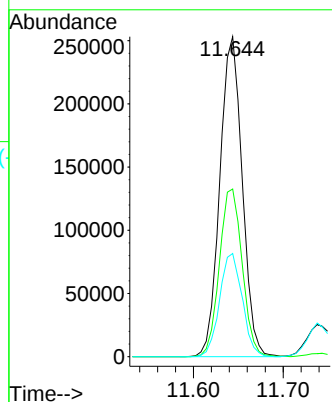
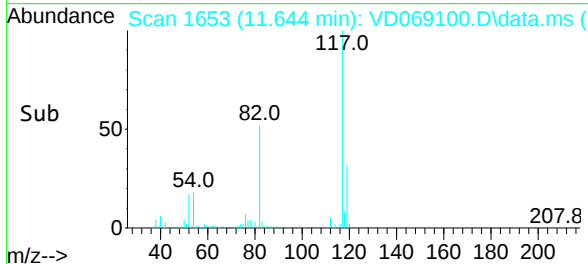




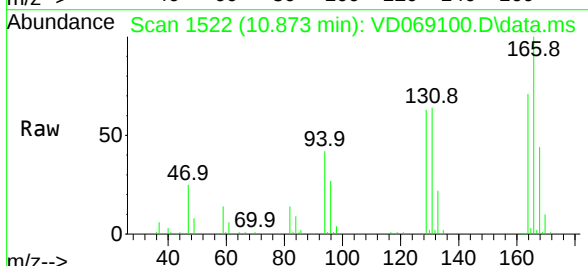
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



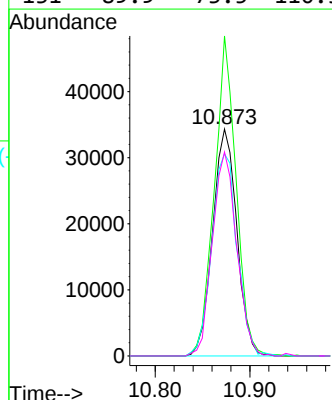
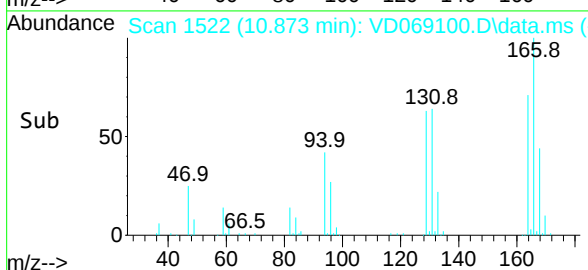
Tgt Ion:117 Resp: 438733
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.2
119 32.3 26.8 40.2



#64
Tetrachloroethene
Concen: 21.58 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion:164 Resp: 61029
Ion Ratio Lower Upper
164 100
166 141.0 96.0 144.0
129 89.1 76.8 115.2
131 89.9 73.5 110.3

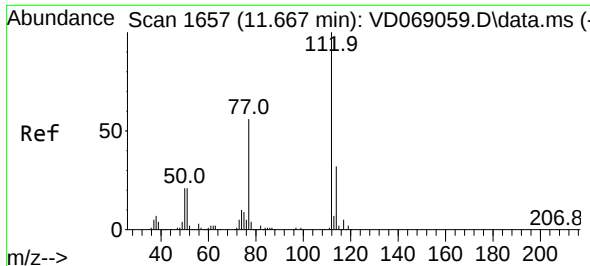


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

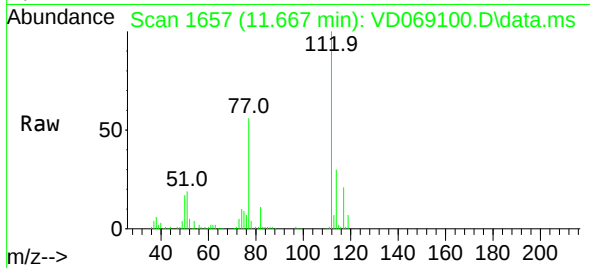
sam

5/10/2021 11:00:49 AM



#65
Chlorobenzene
Concen: 20.28 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

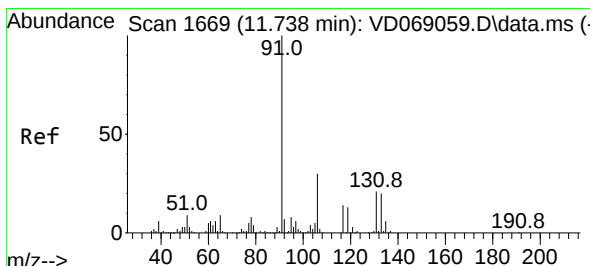
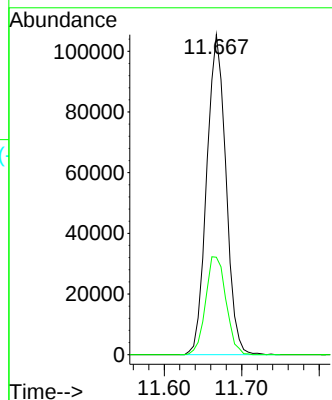
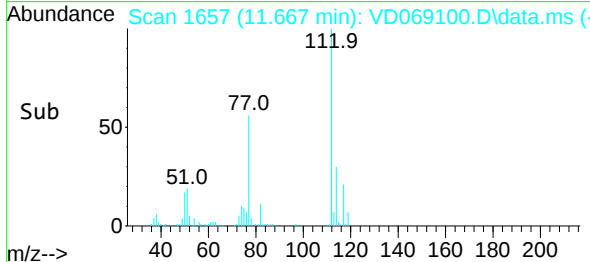


Tgt Ion:112 Resp: 181612
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.6

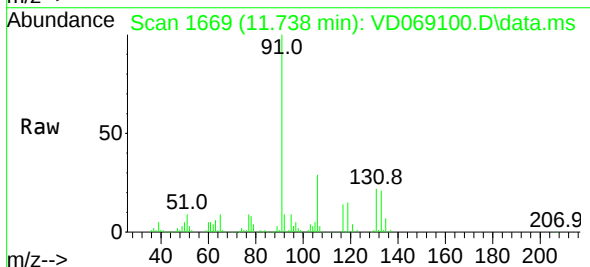
Manual Integrations
APPROVED

sam

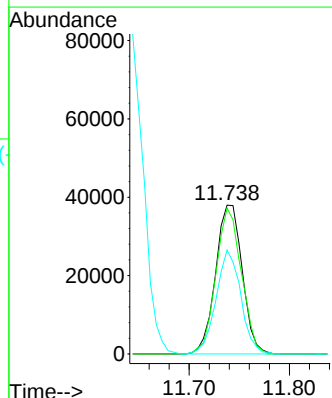
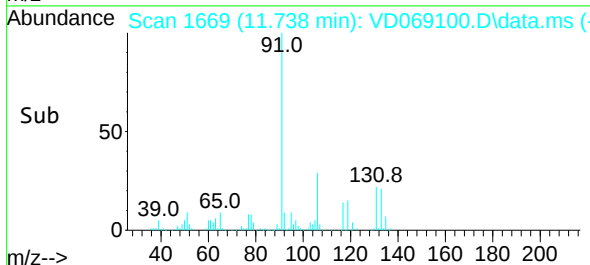
5/10/2021 11:00:49 AM

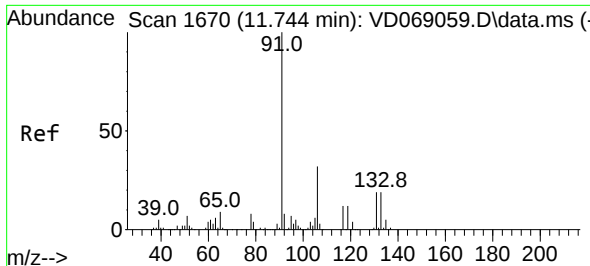


#66
1,1,1,2-Tetrachloroethane
Concen: 20.64 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion:131 Resp: 69926
Ion Ratio Lower Upper
131 100
133 93.8 48.7 146.1
119 65.0 32.0 96.2





#67
Ethyl Benzene
Concen: 19.66 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

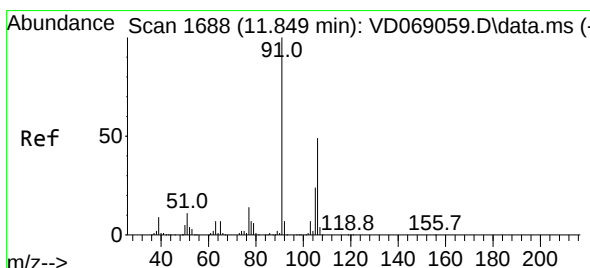
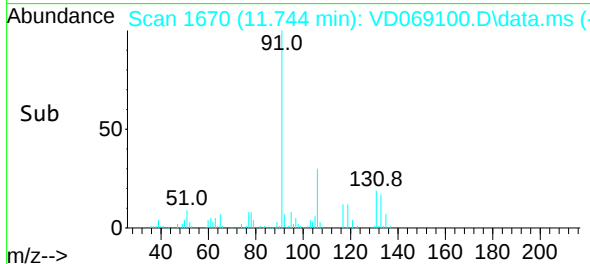
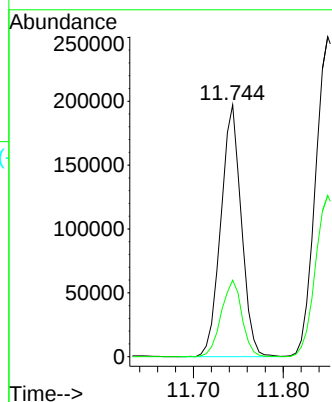
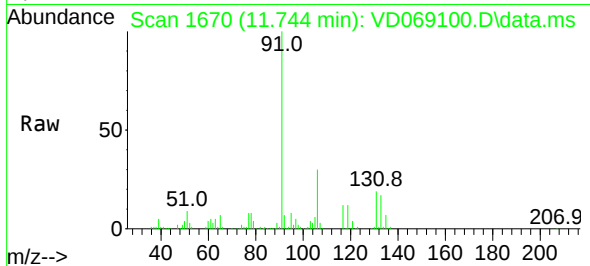
Tgt Ion: 91 Resp: 312138
Ion Ratio Lower Upper
91 100
106 30.4 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

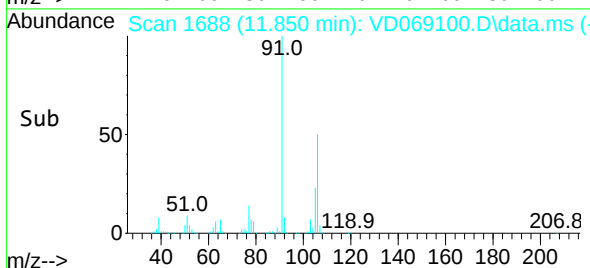
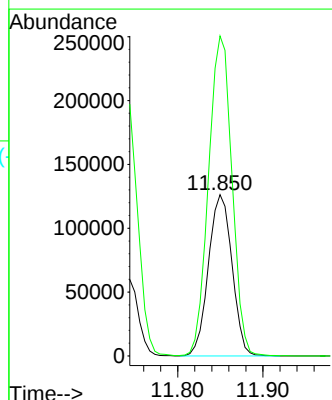
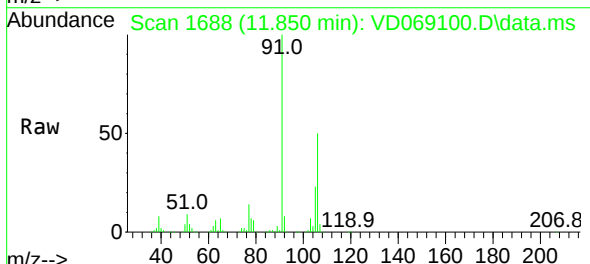
sam

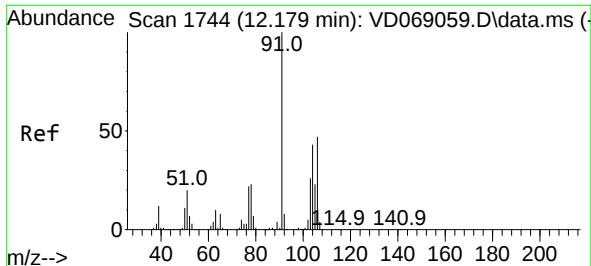
5/10/2021 11:00:49 AM



#68
m/p-Xylenes
Concen: 40.71 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion:106 Resp: 243017
Ion Ratio Lower Upper
106 100
91 197.5 164.6 246.8





#69
o-Xylene
Concen: 20.04 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

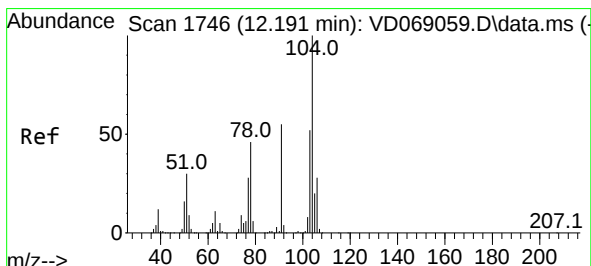
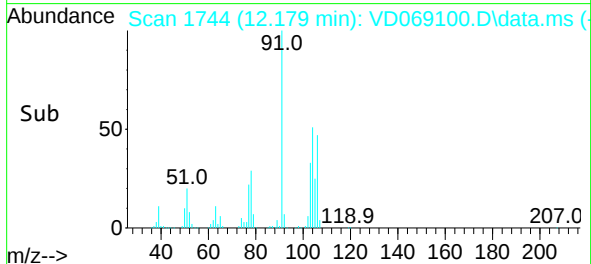
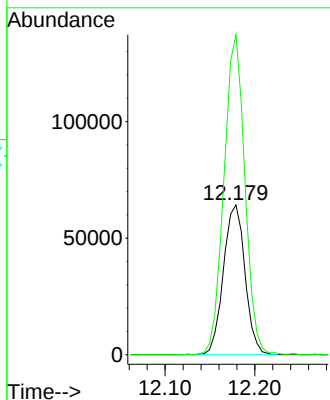
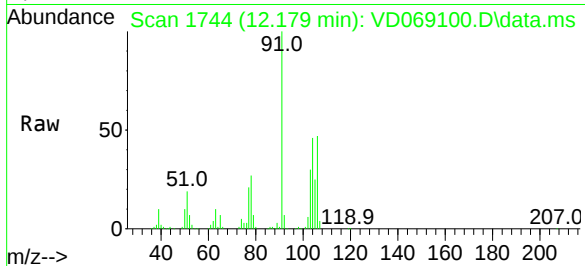
Tgt Ion:106 Resp: 107230
Ion Ratio Lower Upper
106 100
91 207.6 107.1 321.4

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

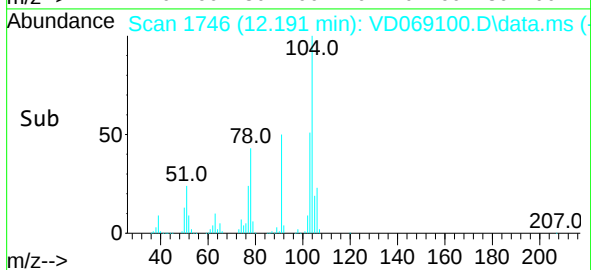
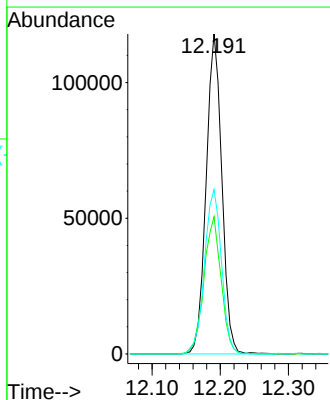
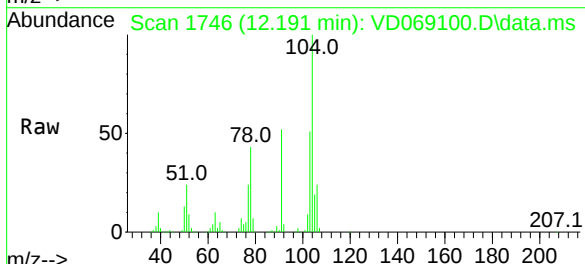
sam

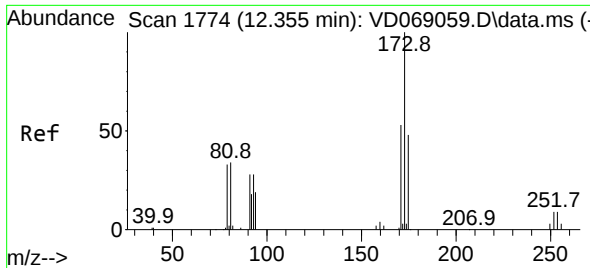
5/10/2021 11:00:49 AM



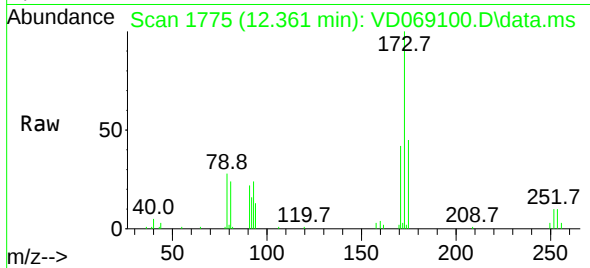
#70
Styrene
Concen: 19.99 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion:104 Resp: 188910
Ion Ratio Lower Upper
104 100
78 46.9 39.9 59.9
103 55.8 44.5 66.7

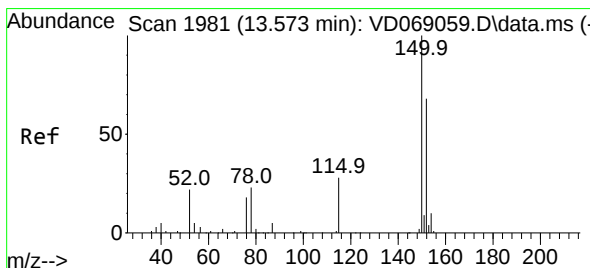
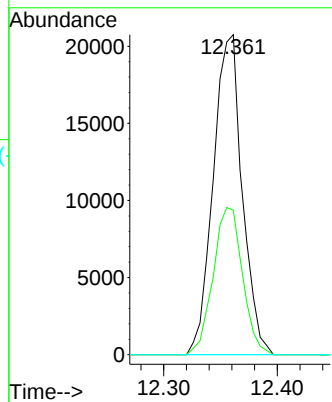
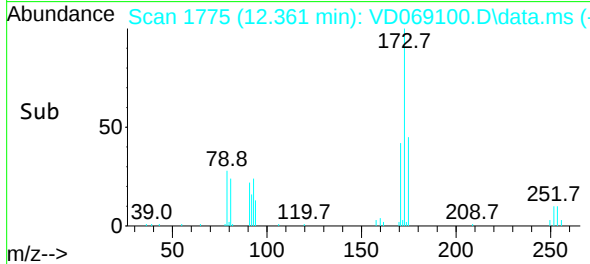




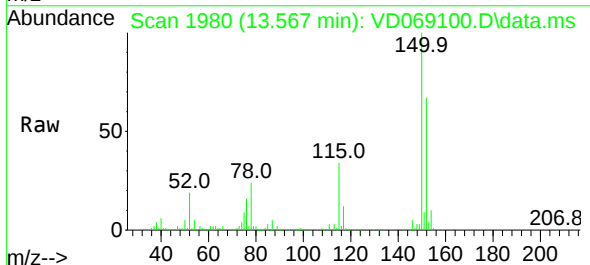
#71
Bromoform
Concen: 21.17 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



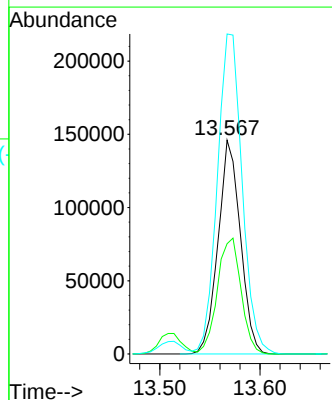
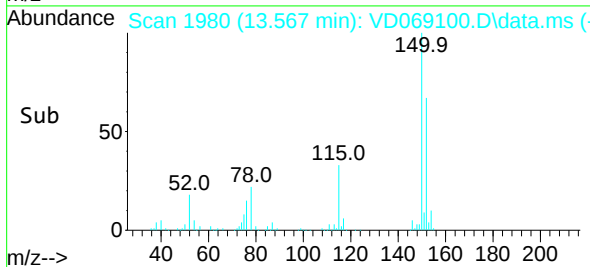
Tgt Ion:173 Resp: 36768
Ion Ratio Lower Upper
173 100
175 46.6 23.8 71.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion:152 Resp: 225272
Ion Ratio Lower Upper
152 100
115 57.4 30.5 91.5
150 167.0 0.0 340.8

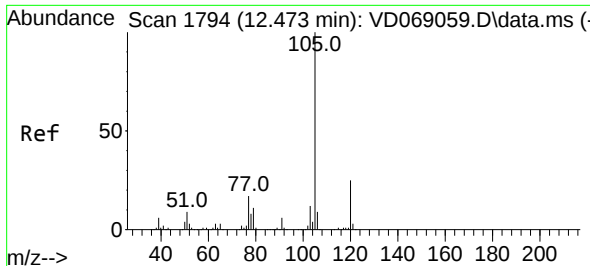


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

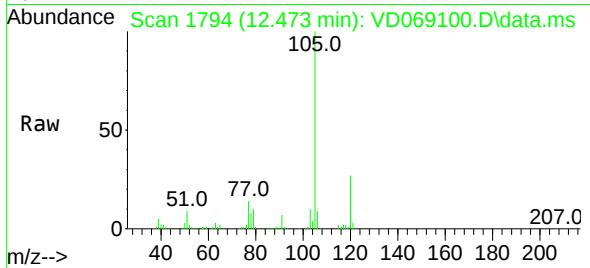
Manual Integrations
APPROVED

sam

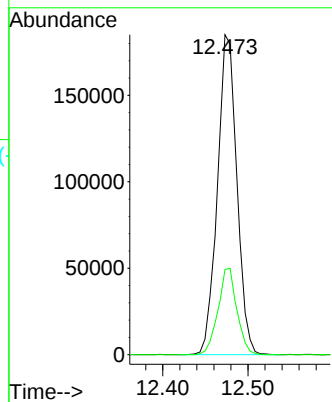
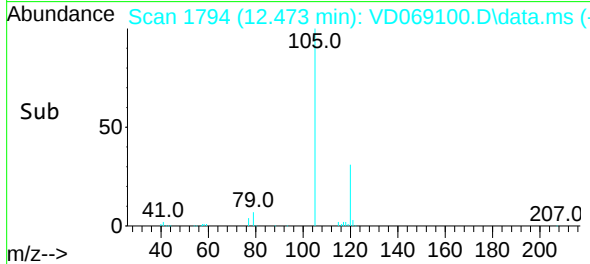
5/10/2021 11:00:49 AM



#73
Isopropylbenzene
Concen: 18.82 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 105 Resp: 293454
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

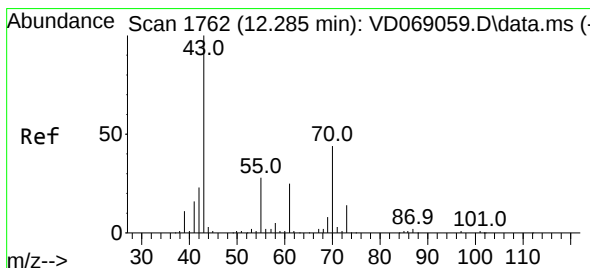


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

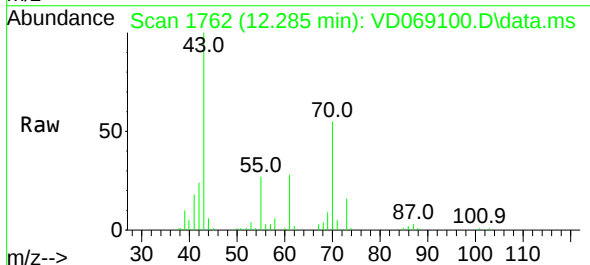
Manual Integrations
APPROVED

sam

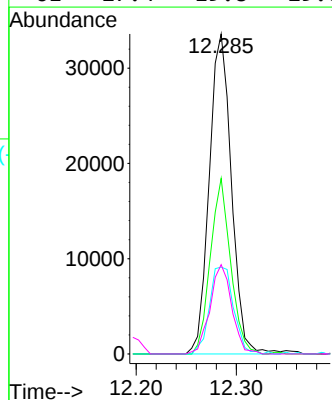
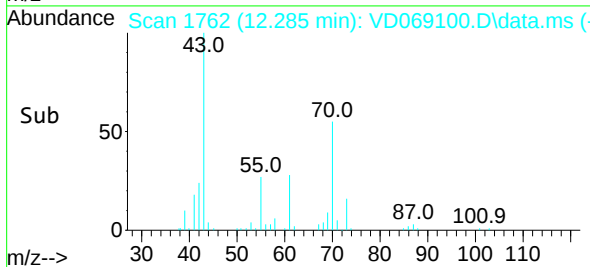
5/10/2021 11:00:49 AM

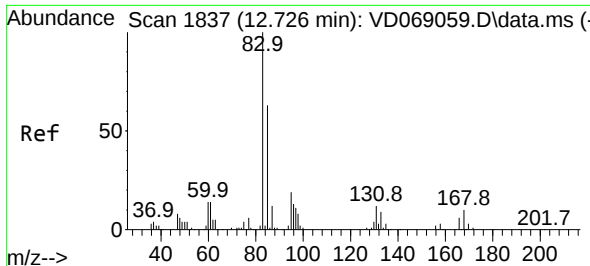


#74
N-ethyl acetate
Concen: 15.77 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 43 Resp: 51630
Ion Ratio Lower Upper
43 100
70 50.2 36.4 54.6
55 29.7 21.8 32.8
61 27.4 19.8 29.6





#75
1,1,2,2-Tetrachloroethane
Concen: 18.72 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

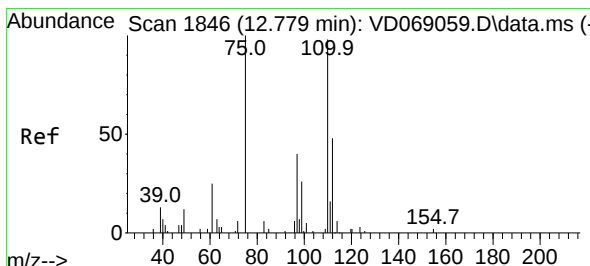
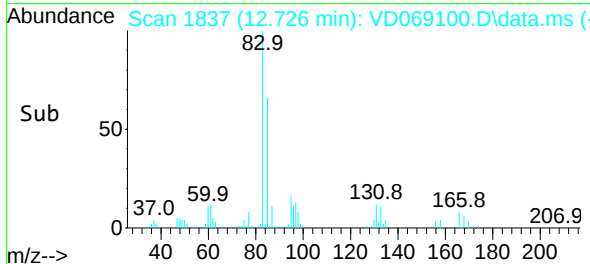
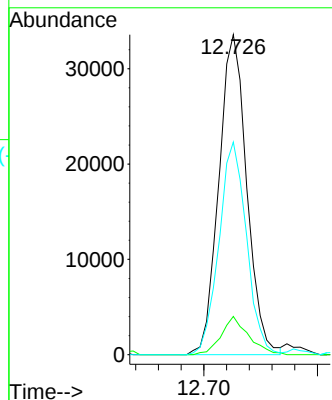
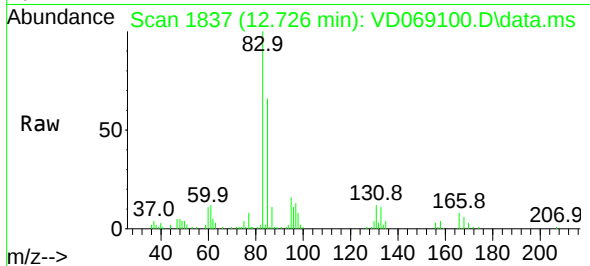
Tgt Ion: 83 Resp: 57227
Ion Ratio Lower Upper
83 100
131 11.7 5.2 15.6
85 65.7 30.9 92.8

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

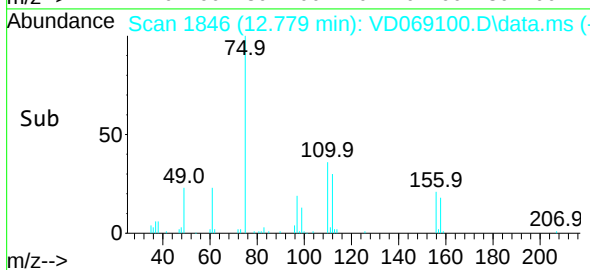
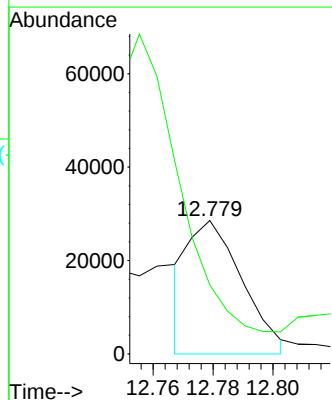
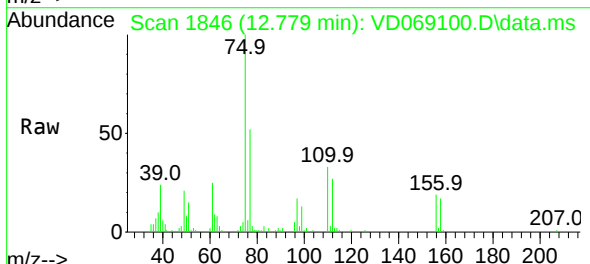
sam

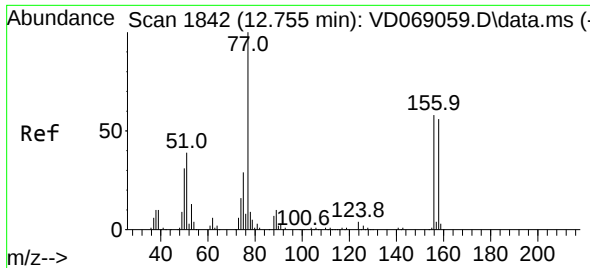
5/10/2021 11:00:49 AM



#76
1,2,3-Trichloropropane
Concen: 18.23 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion: 75 Resp: 35749
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.24 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

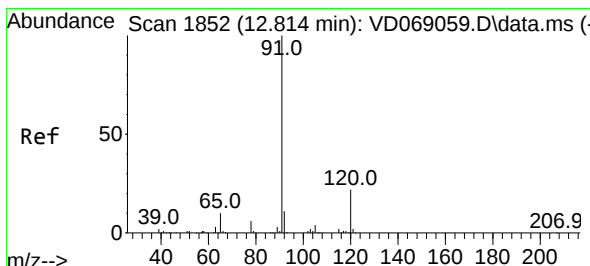
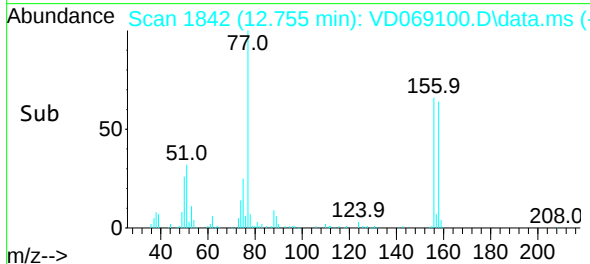
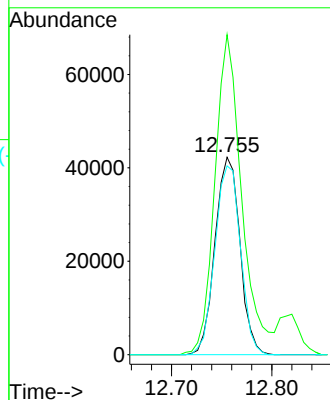
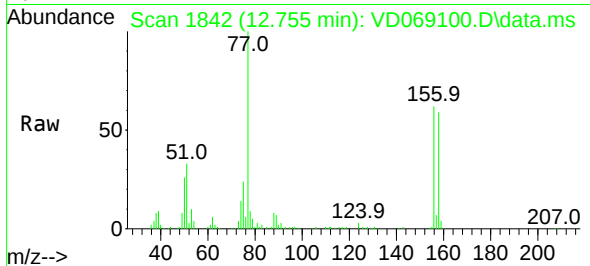
Tgt Ion	Ratio	Lower	Upper
156	100		
77	174.5	96.5	289.4
158	98.2	48.7	146.1

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

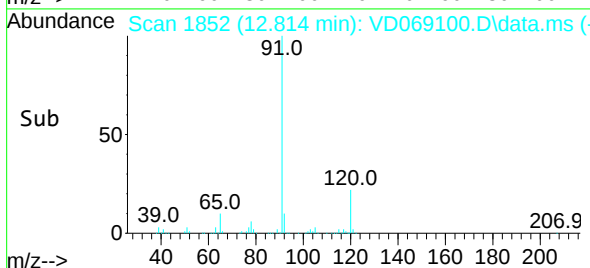
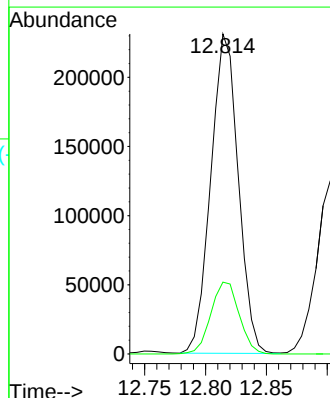
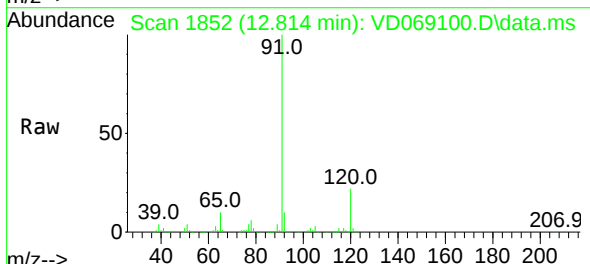
sam

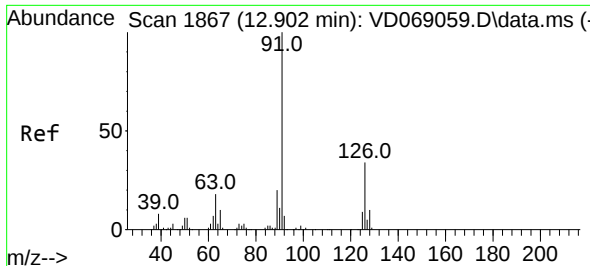
5/10/2021 11:00:49 AM



#78
n-propylbenzene
Concen: 18.90 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.3	33.8





#79
2-Chlorotoluene
Concen: 18.57 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

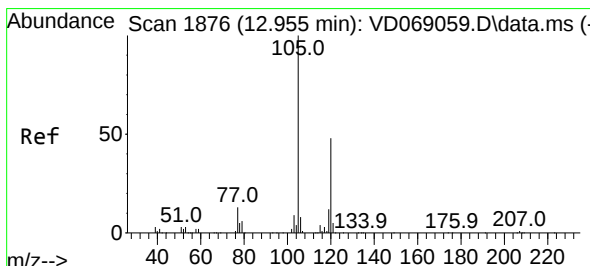
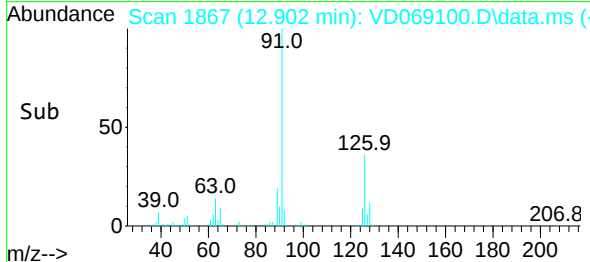
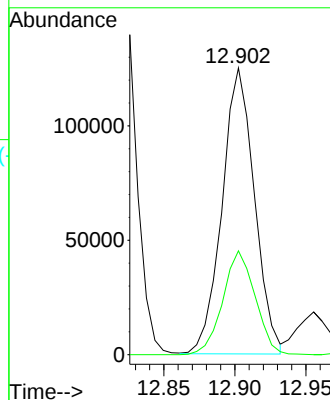
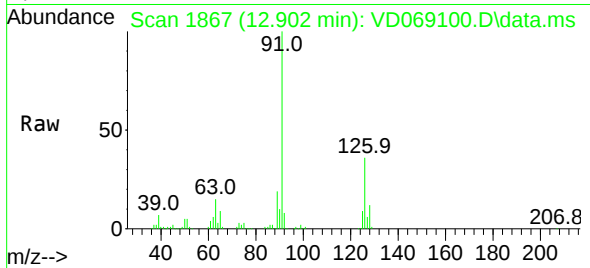
Tgt Ion: 91 Resp: 198376
Ion Ratio Lower Upper
91 100
126 36.3 16.8 50.3

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

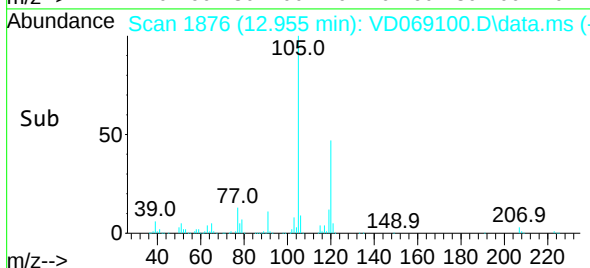
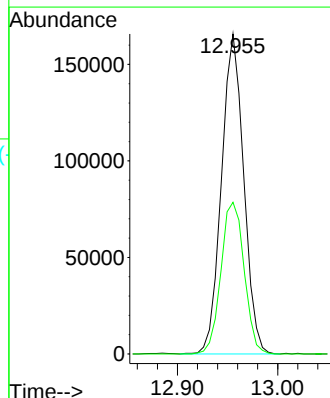
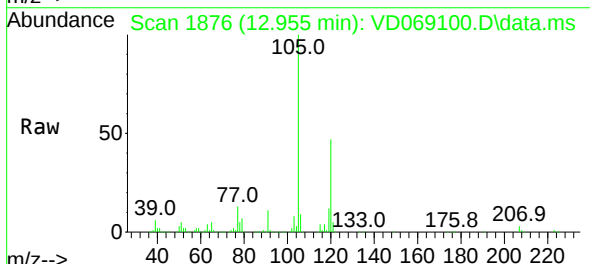
sam

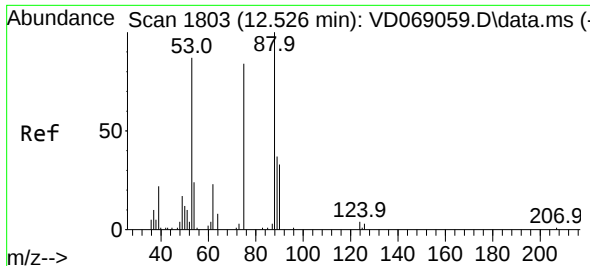
5/10/2021 11:00:49 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.22 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

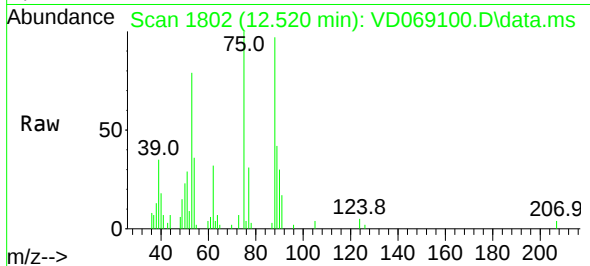
Tgt Ion: 105 Resp: 255159
Ion Ratio Lower Upper
105 100
120 49.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.96 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

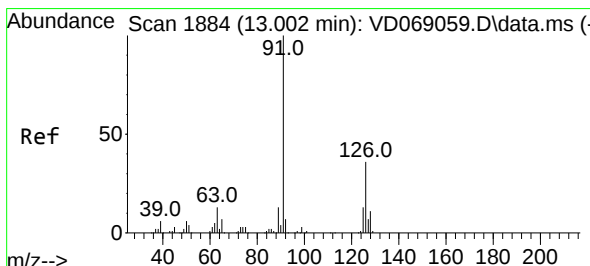
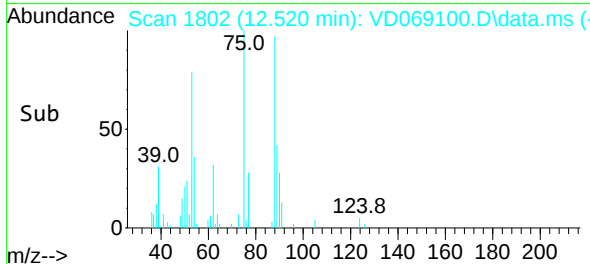
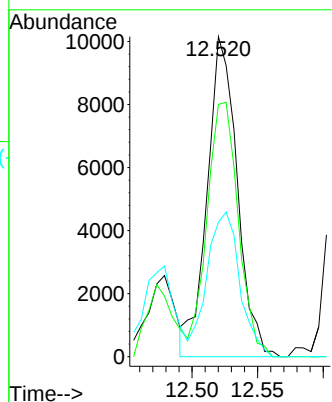


Tgt Ion	Ratio	Lower	Upper
75	100		
53	82.4	80.4	120.6
89	49.2	37.8	56.8

Manual Integrations
APPROVED

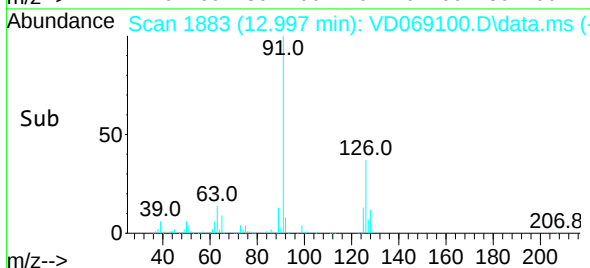
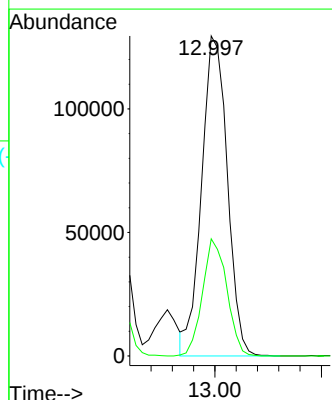
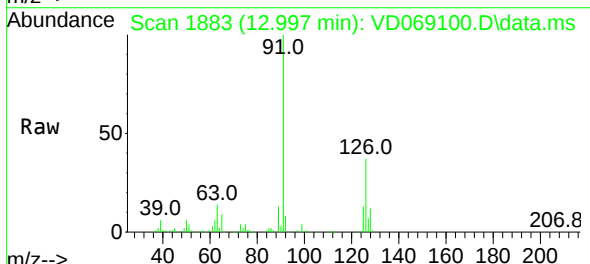
sam

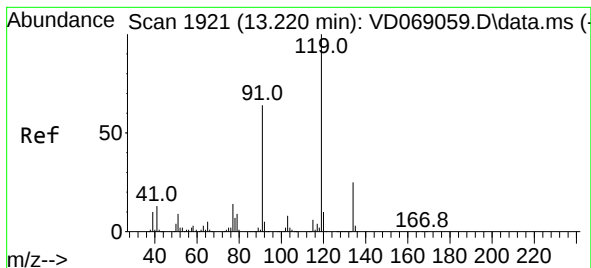
5/10/2021 11:00:49 AM



#82
4-Chlorotoluene
Concen: 19.06 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.3	51.7





#83
tert-Butylbenzene
Concen: 19.32 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

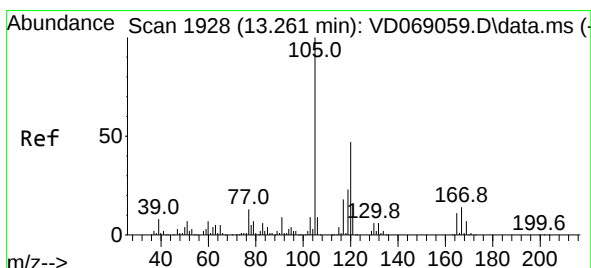
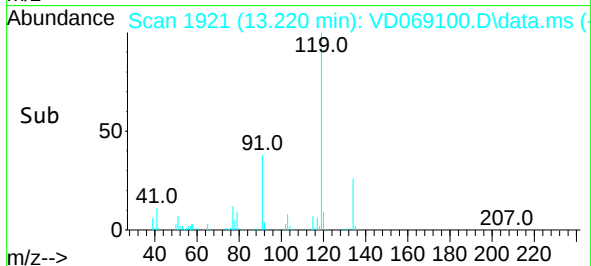
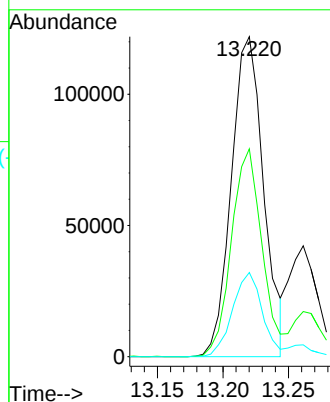
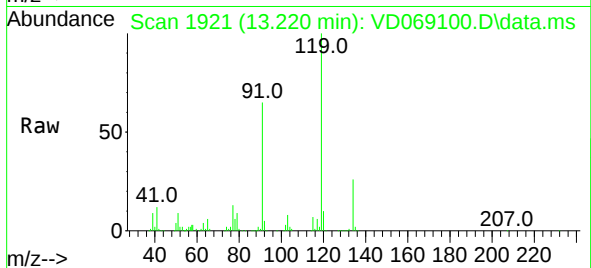
Tgt Ion:119 Resp: 209033
Ion Ratio Lower Upper
119 100
91 61.2 32.8 98.3
134 24.8 12.6 37.8

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

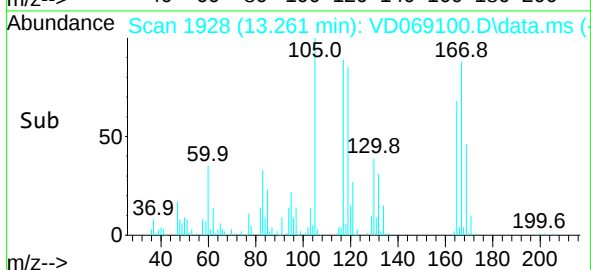
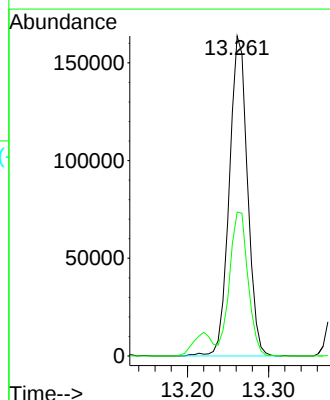
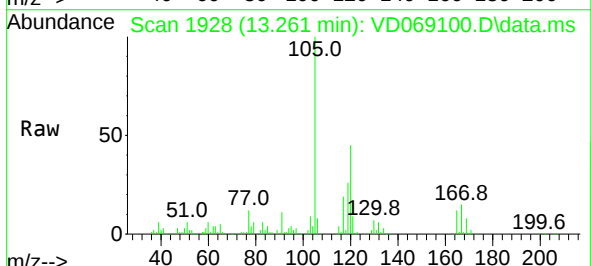
sam

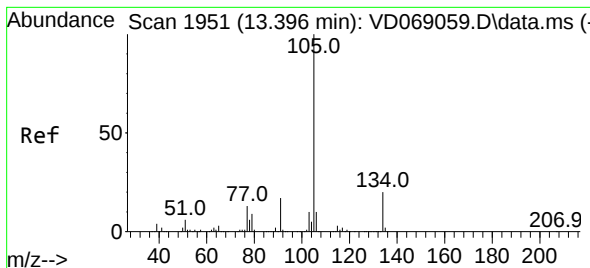
5/10/2021 11:00:49 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.22 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

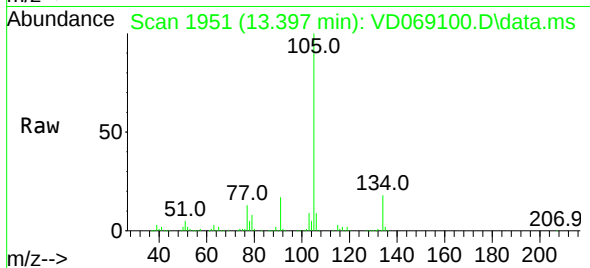
Tgt Ion:105 Resp: 254841
Ion Ratio Lower Upper
105 100
120 45.2 22.5 67.5





#85
sec-Butylbenzene
Concen: 19.20 ug/l
RT: 13.397 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

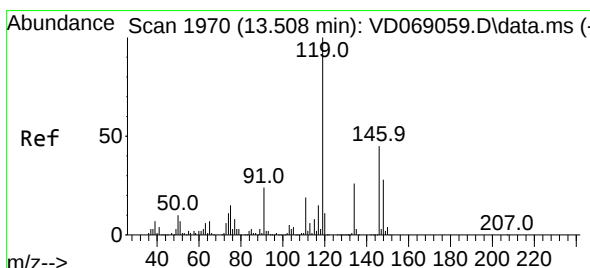
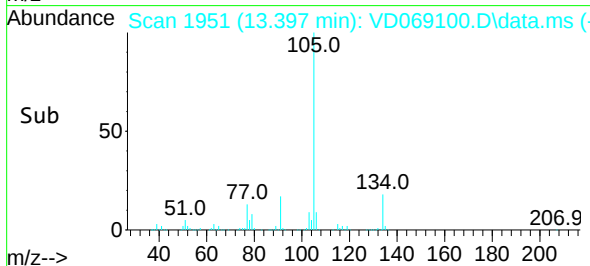
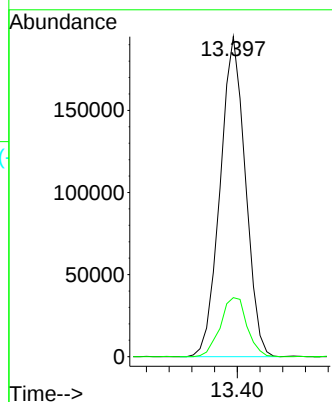


Tgt Ion:105 Resp: 300655
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.4

Manual Integrations
APPROVED

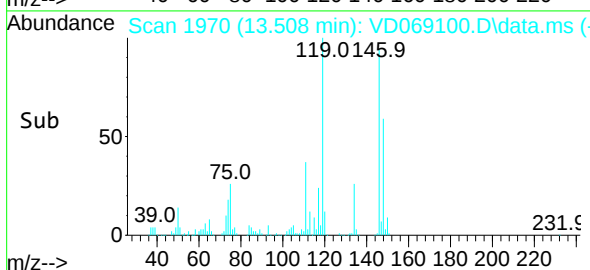
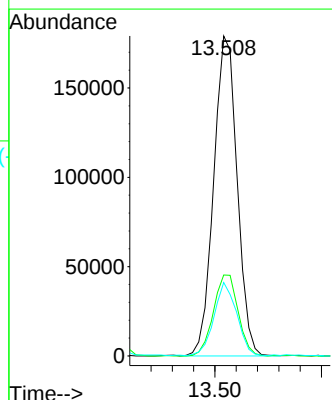
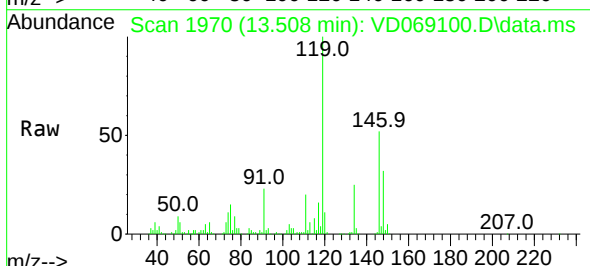
sam

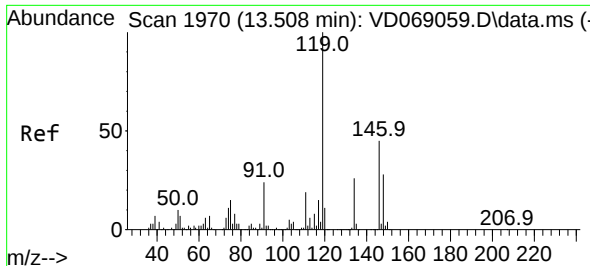
5/10/2021 11:00:49 AM



#86
p-Isopropyltoluene
Concen: 18.93 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion:119 Resp: 273541
Ion Ratio Lower Upper
119 100
134 26.6 12.9 38.7
91 22.2 12.3 36.9





#87

1,3-Dichlorobenzene
Concen: 20.54 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

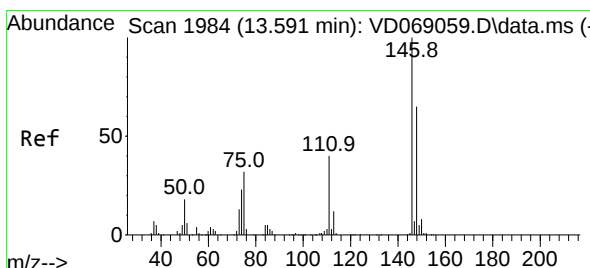
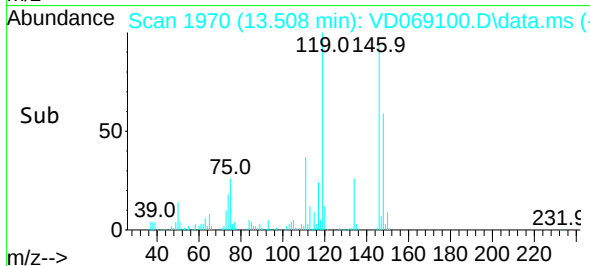
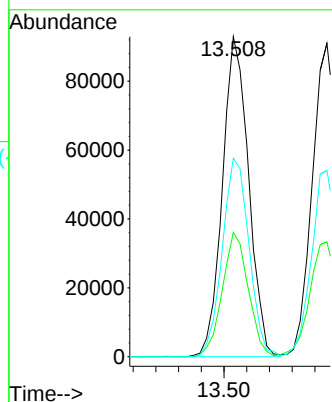
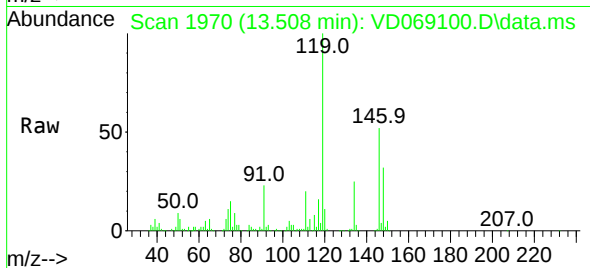
Tgt Ion:146 Resp: 148772
Ion Ratio Lower Upper
146 100
111 38.5 20.6 61.8
148 63.4 31.4 94.2

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

sam

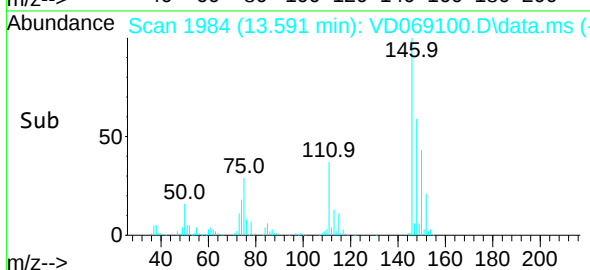
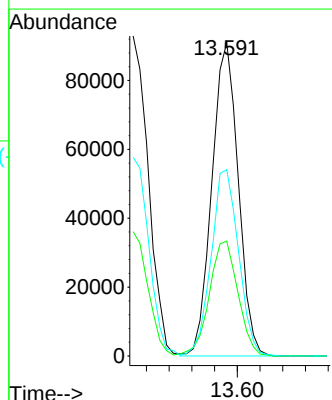
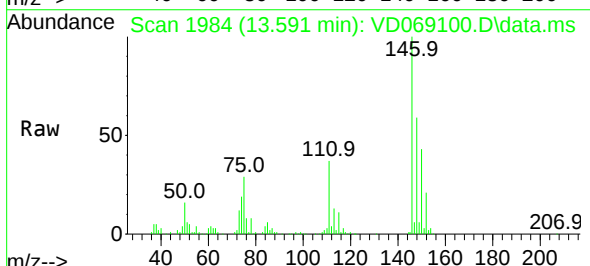
5/10/2021 11:00:49 AM

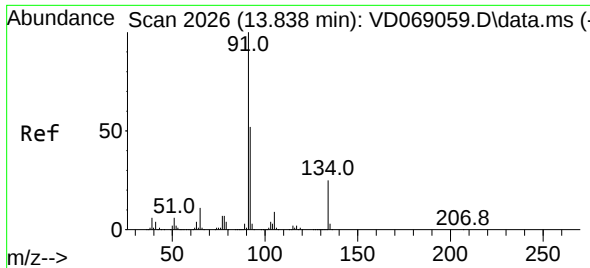


#88

1,4-Dichlorobenzene
Concen: 20.53 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion:146 Resp: 146552
Ion Ratio Lower Upper
146 100
111 39.8 20.5 61.6
148 61.9 32.3 96.9





#89
n-Butylbenzene
Concen: 18.39 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

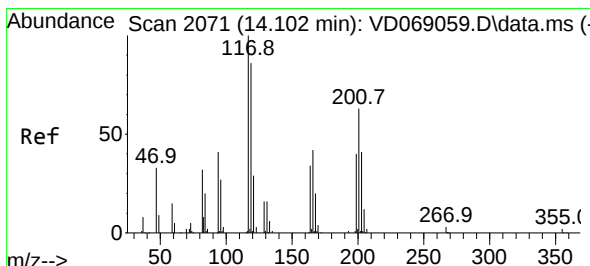
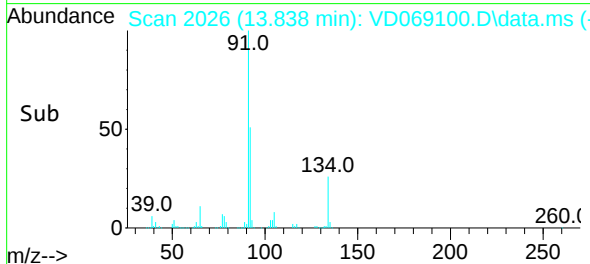
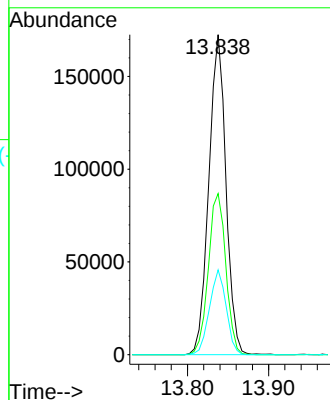
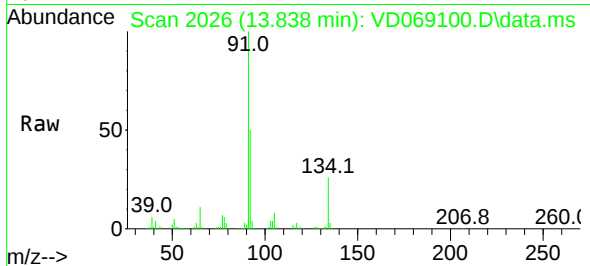
Tgt Ion:	91	Resp:	252230
Ion Ratio	Lower	Upper	
91	100		
92	51.5	26.2	78.5
134	25.9	12.1	36.3

Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

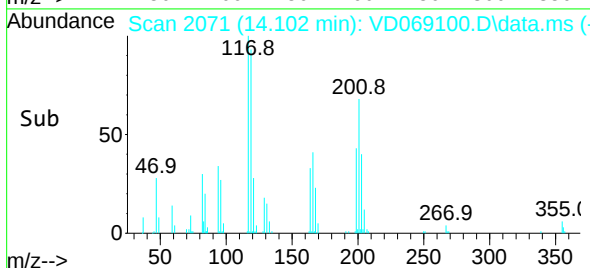
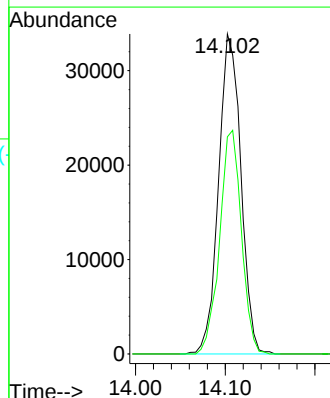
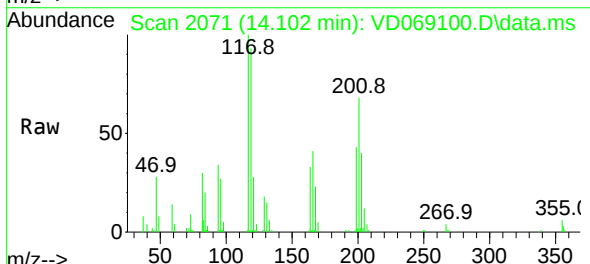
sam

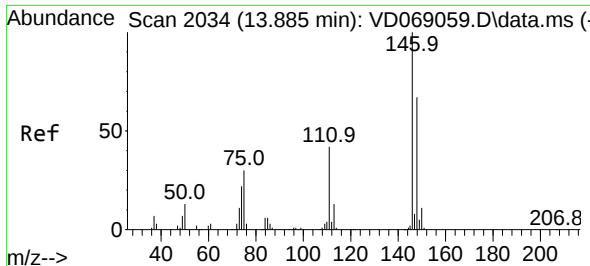
5/10/2021 11:00:49 AM



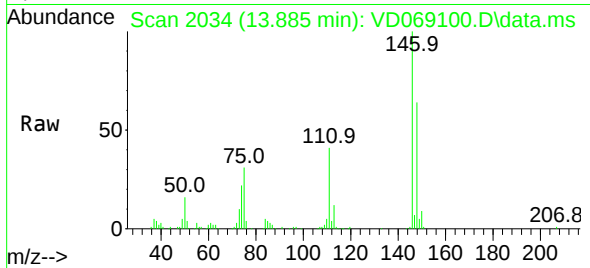
#90
Hexachloroethane
Concen: 19.68 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56

Tgt Ion:	117	Resp:	58478
Ion Ratio	Lower	Upper	
117	100		
201	68.2	32.6	97.8

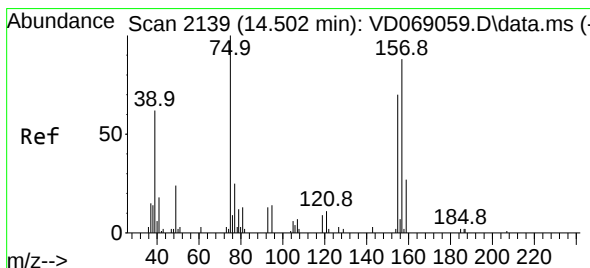
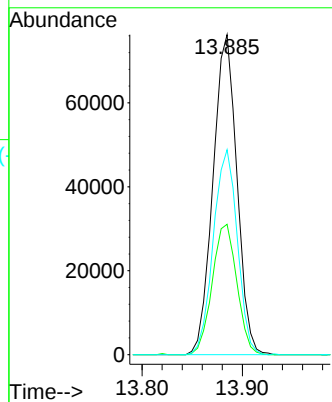
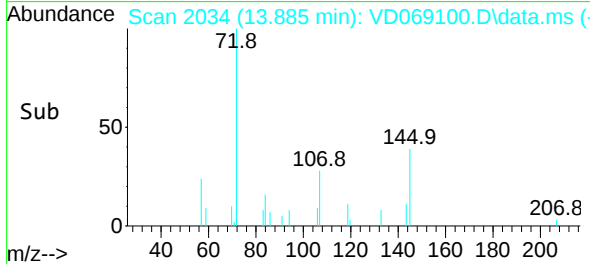




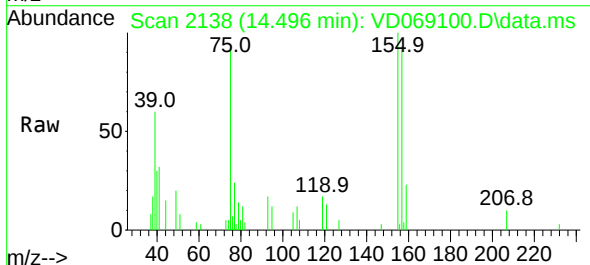
#91
1,2-Dichlorobenzene
Concen: 20.05 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



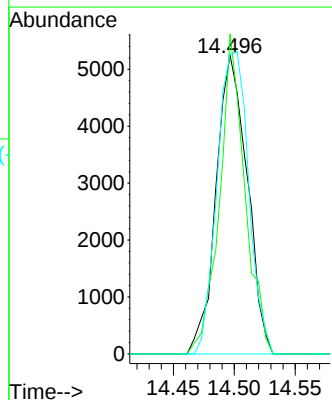
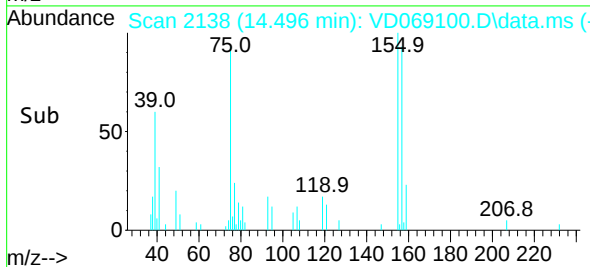
Tgt Ion:146 Resp: 126265
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 64.4 31.3 93.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.53 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion: 75 Resp: 9319
Ion Ratio Lower Upper
75 100
155 87.4 39.1 117.3
157 102.6 48.6 145.8

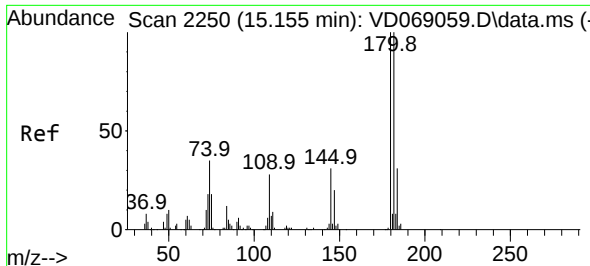


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

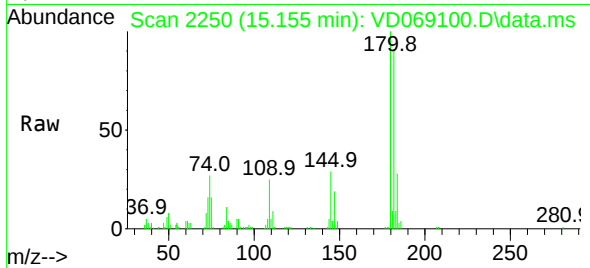
Manual Integrations
APPROVED

sam

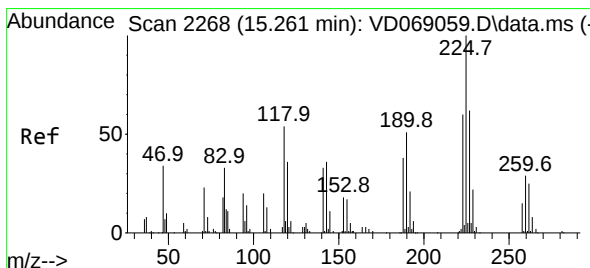
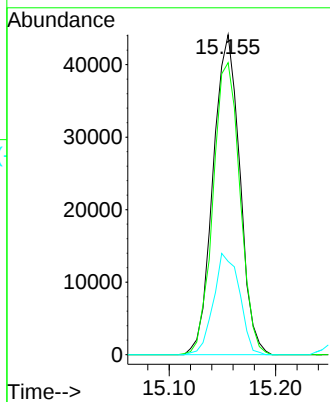
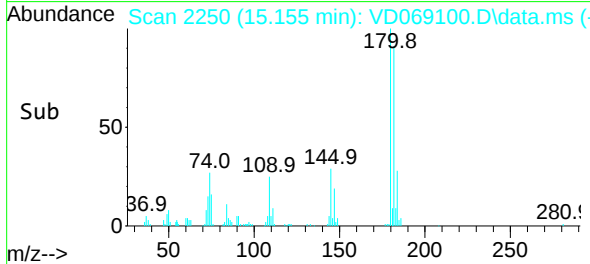
5/10/2021 11:00:49 AM



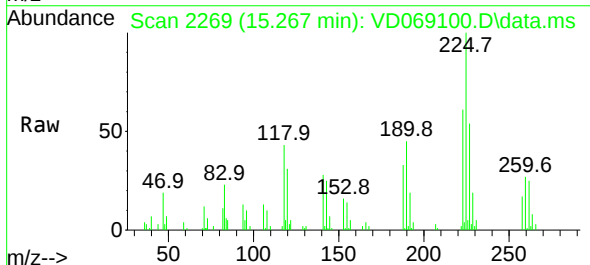
#93
1,2,4-Trichlorobenzene
Concen: 20.51 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



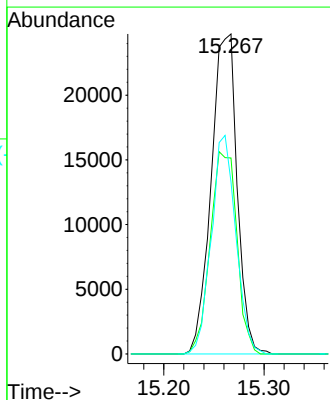
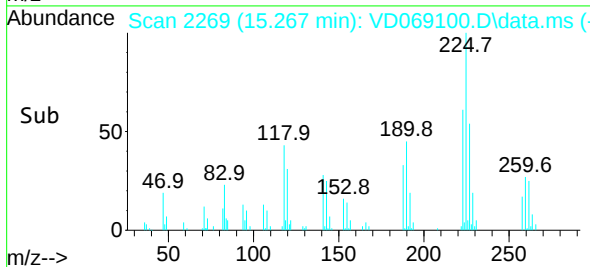
Tgt Ion:180 Resp: 76649
Ion Ratio Lower Upper
180 100
182 92.0 48.3 144.9
145 30.9 15.8 47.3



#94
Hexachlorobutadiene
Concen: 20.58 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion:225 Resp: 44539
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.3
227 64.5 31.6 95.0

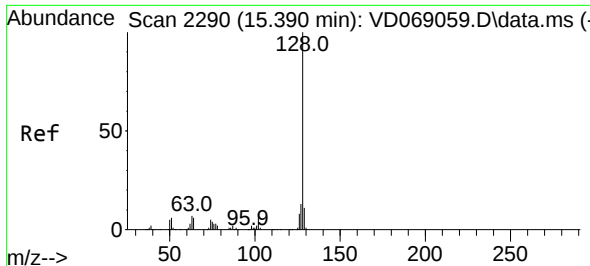


Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

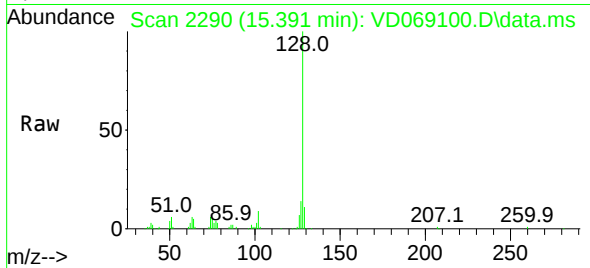
Manual Integrations
APPROVED

sam

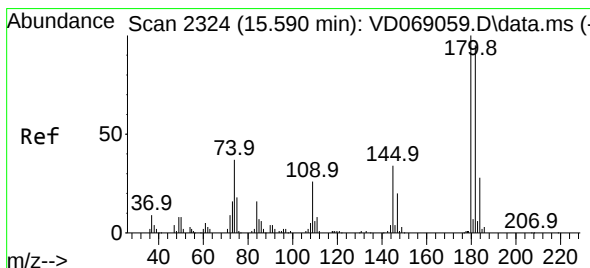
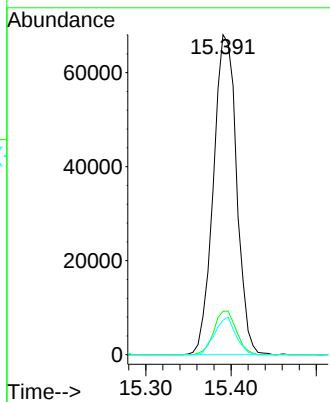
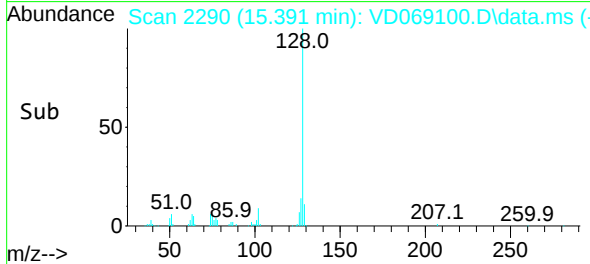
5/10/2021 11:00:49 AM



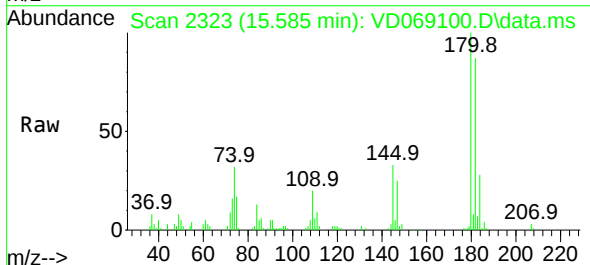
#95
Naphthalene
Concen: 18.68 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.001 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



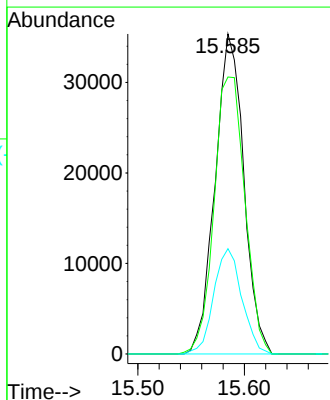
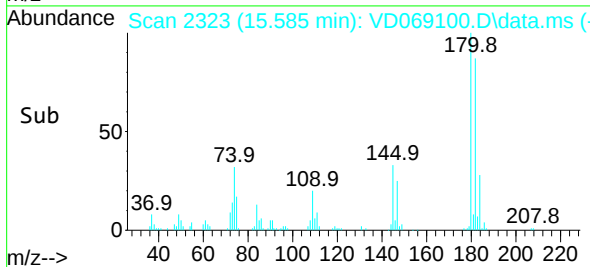
Tgt Ion:128 Resp: 128819
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.48 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.006 min
Lab File: VD069100.D
Acq: 07 May 2021 13:56



Tgt Ion:180 Resp: 66084
Ion Ratio Lower Upper
180 100
182 93.0 46.5 139.5
145 32.2 17.4 52.2



Instrument :
MSVOA_D
ClientSampleId :
VD0507SBSD01

Manual Integrations
APPROVED

sam

5/10/2021 11:00:49 AM