

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010319\  
 Data File : VF061265.D  
 Acq On : 3 Jan 2019 15:17  
 Operator : VA/AP  
 Sample : VSTDIC020  
 Misc : 5.00µ/5mL/MSVOA-F/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC020

Manual Integrations  
 APPROVED

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 1/4/2019 2:12:31 PM

Quant Time: Jan 04 02:54:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F010319S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 04 02:39:51 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	212518	50.00	µg/l	0.00
34) 1,4-Difluorobenzene	5.59	114	368321	50.00	µg/l	0.00
63) Chlorobenzene-d5	9.78	117	347480	50.00	µg/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	165461	50.00	µg/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.85	65	52968	19.42	µg/l	0.00
Spiked Amount				50.000		
Recovery						= 38.84%
35) Dibromofluoromethane	4.12	113	58617	19.92	µg/l	0.00
Spiked Amount				50.000		
Recovery						= 39.84%
50) Toluene-d8	7.56	98	170631	20.34	µg/l	0.00
Spiked Amount				50.000		
Recovery						= 40.68%
62) 4-Bromofluorobenzene	11.41	95	80806	21.01	µg/l	0.00
Spiked Amount				50.000		
Recovery						= 42.02%

## Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	80823	17.518	µg/l	97
3) Chloromethane	1.10	50	63398	22.981	µg/l	97
4) Vinyl Chloride	1.14	62	53455	20.949	µg/l	100
5) Bromomethane	1.32	94	33594	19.050	µg/l	100
6) Chloroethane	1.39	64	23932	20.475	µg/l	89
7) Trichlorofluoromethane	1.49	101	96997	20.215	µg/l	99
8) Diethyl Ether	1.63	74	13734	21.067	µg/l	86
9) 1,1,2-Trichlorotrifluoroet	1.84	101	46323	18.470	µg/l	95
10) Methyl Iodide	1.92	142	76083m	19.339	µg/l	
11) Tert butyl alcohol	2.57	59	9803	89.991	µg/l	99
12) 1,1-Dichloroethene	1.80	96	40329	21.451	µg/l	97
13) Acrolein	2.00	56	9512	116.407	µg/l	97
14) Allyl chloride	2.09	41	53112	24.759	µg/l	93
15) Acrylonitrile	2.94	53	26658	103.628	µg/l	97
16) Acetone	2.24	43	60128	115.763	µg/l	99
17) Carbon Disulfide	1.82	76	122359	21.233	µg/l #	92
18) Methyl Acetate	2.34	43	21284	18.838	µg/l	97
19) Methyl tert-butyl Ether	2.43	73	83959	20.436	µg/l	98
20) Methylene Chloride	2.18	84	43282m	20.893	µg/l	
21) trans-1,2-Dichloroethene	2.31	96	42350m	20.713	µg/l	
22) Diisopropyl ether	2.80	45	136427	20.770	µg/l	98
23) Vinyl Acetate	3.19	43	326492	108.914	µg/l	96
24) 1,1-Dichloroethane	2.87	63	80498	20.613	µg/l	99
25) 2-Butanone	4.33	43	105768	119.697	µg/l	92
26) 2,2-Dichloropropane	3.59	77	48265	21.393	µg/l	97
27) cis-1,2-Dichloroethene	3.47	96	63831	20.638	µg/l	92
28) Bromochloromethane	3.72	49	42150	21.746	µg/l	91
29) Tetrahydrofuran	4.09	42	35997	99.866	µg/l	97
30) Chloroform	3.86	83	117382	20.312	µg/l	96
31) Cyclohexane	3.69	56	91817m	22.446	µg/l	
32) 1,1,1-Trichloroethane	4.10	97	66212	18.358	µg/l	99
36) 1,1-Dichloropropene	4.28	75	91993	20.650	µg/l #	93
37) Ethyl Acetate	4.13	43	34611	19.243	µg/l #	53
38) Carbon Tetrachloride	3.99	117	69671	20.278	µg/l	97

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Quant Time: Jan 04 02:54:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F010319S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 04 02:39:51 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	92202	22.527	ug/l	94
40) Benzene	4.64	78	199992	20.736	ug/l	100
41) Methacrylonitrile	4.75	41	20299	22.023	ug/l	97
42) 1,2-Dichloroethane	4.94	62	66484	18.756	ug/l	98
43) Isopropyl Acetate	6.97	43	43559	20.283	ug/l #	99
44) Trichloroethene	5.51	130	66229	22.107	ug/l	97
45) 1,2-Dichloropropane	6.24	63	48360	18.540	ug/l	99
46) Dibromomethane	6.09	93	33758	20.261	ug/l	89
47) Bromodichloromethane	6.38	83	83893	19.452	ug/l	97
48) Methyl methacrylate	6.72	41	28940	19.314	ug/l	95
49) 1,4-Dioxane	6.71	88	4331	405.450	ug/l #	84
51) 4-Methyl-2-Pentanone	8.26	43	162699	110.785	ug/l	100
52) Toluene	7.63	92	136022	21.336	ug/l	98
53) t-1,3-Dichloropropene	8.28	75	72053	20.499	ug/l	90
54) cis-1,3-Dichloropropene	7.30	75	89030	20.147	ug/l	99
55) 1,1,2-Trichloroethane	8.49	97	38526	20.340	ug/l	96
56) Ethyl methacrylate	8.62	69	41221	20.151	ug/l #	89
57) 1,3-Dichloropropane	8.86	76	68489	19.945	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.30	63	22541	60.448	ug/l	98
59) 2-Hexanone	9.49	43	124571	117.992	ug/l	98
60) Dibromochloromethane	8.72	129	52122	19.494	ug/l	98
61) 1,2-Dibromoethane	8.99	107	40840	20.272	ug/l	95
64) Tetrachloroethene	8.16	164	54327	20.124	ug/l	99
65) Chlorobenzene	9.80	112	145061	19.978	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.94	131	56830	19.145	ug/l	98
67) Ethyl Benzene	9.91	91	254396	19.126	ug/l	98
68) m/p-Xylenes	10.13	106	192977	41.502	ug/l	96
69) o-Xylene	10.71	106	106155	20.401	ug/l	97
70) Styrene	10.79	104	143508	19.952	ug/l	99
71) Bromoform	10.77	173	27930	20.426	ug/l #	97
73) Isopropylbenzene	11.13	105	307915	21.577	ug/l	98
74) N-amyl acetate	11.38	43	71873	22.548	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.70	83	51016	21.783	ug/l	97
76) 1,2,3-Trichloropropane	11.80	75	37516	21.508	ug/l	89
77) Bromobenzene	11.49	156	63153	20.681	ug/l	94
78) n-propylbenzene	11.59	91	369747	22.048	ug/l	98
79) 2-Chlorotoluene	11.72	91	207261	21.282	ug/l	95
80) 1,3,5-Trimethylbenzene	11.83	105	245399	21.038	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.87	75	14908m	19.575	ug/l	
82) 4-Chlorotoluene	11.90	91	214577	21.202	ug/l	95
83) tert-Butylbenzene	12.13	119	264645	22.067	ug/l	96
84) 1,2,4-Trimethylbenzene	12.20	105	242367	20.833	ug/l	100
85) sec-Butylbenzene	12.30	105	344936	21.868	ug/l	96
86) p-Isopropyltoluene	12.46	119	295256	22.510	ug/l	98
87) 1,3-Dichlorobenzene	12.48	146	121798	21.049	ug/l	97
88) 1,4-Dichlorobenzene	12.57	146	114032	20.106	ug/l	98
89) n-Butylbenzene	12.85	91	298200	22.012	ug/l	96
90) Hexachloroethane	12.92	117	68097	21.034	ug/l	78
91) 1,2-Dichlorobenzene	12.94	146	115591	21.219	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.64	75	8005	18.819	ug/l	92

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	81494	20.992	µg/l	97
94) Hexachlorobutadiene	14.20	225	52401	21.202	µg/l	94
95) Naphthalene	14.45	128	147493	21.027	µg/l	98
96) 1,2,3-Trichlorobenzene	14.60	180	74448	20.963	µg/l	95

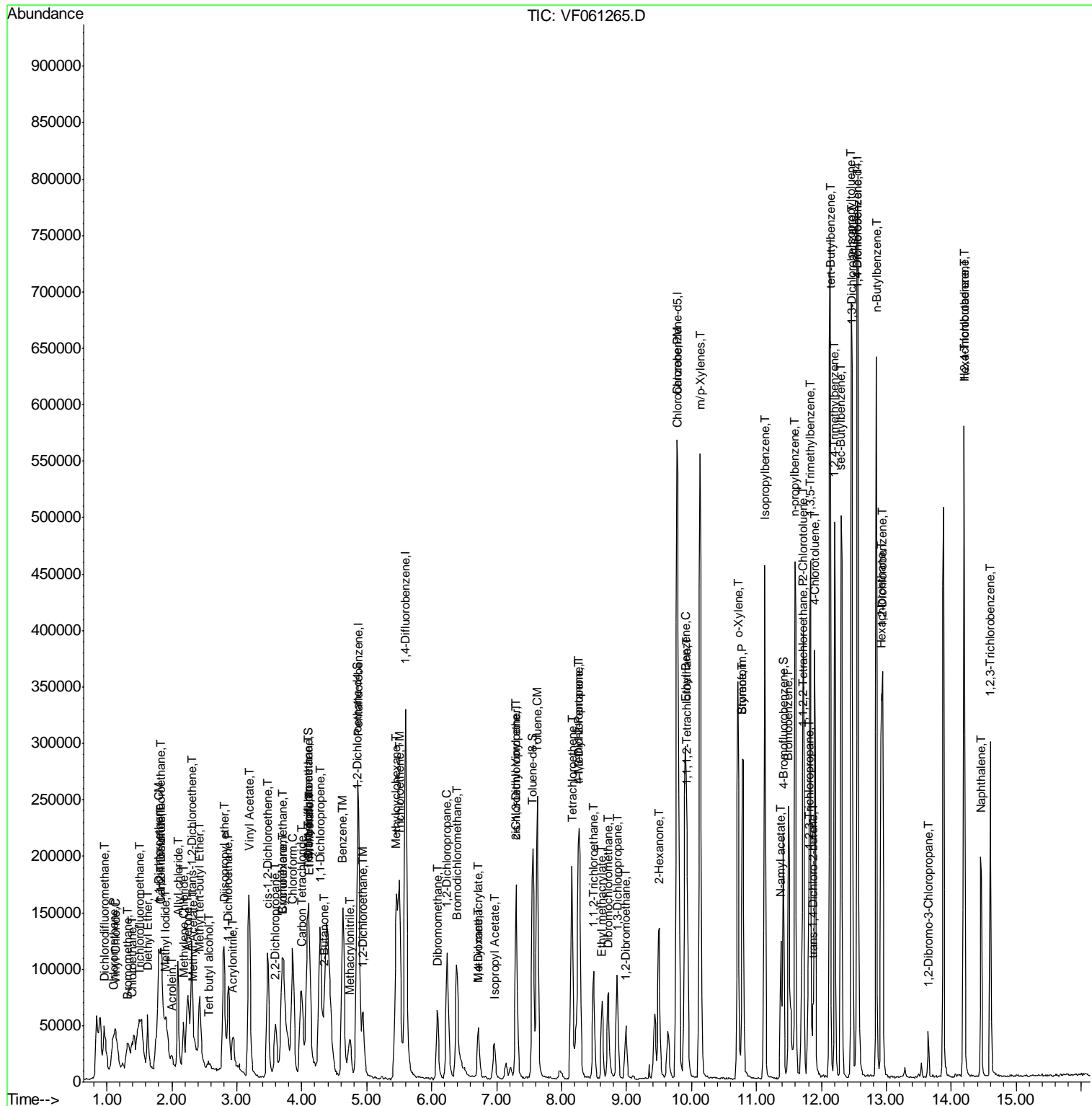
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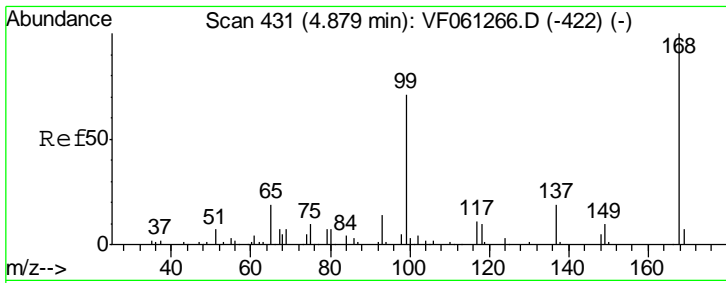
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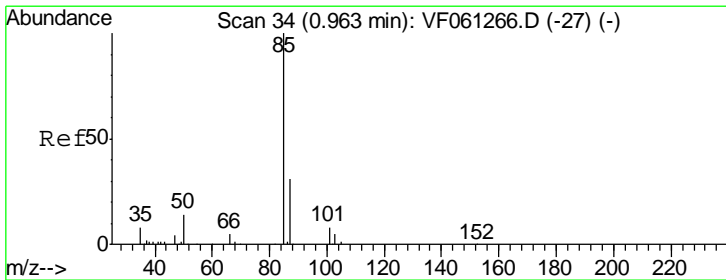
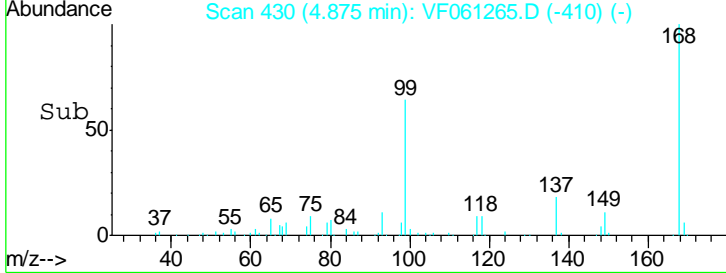
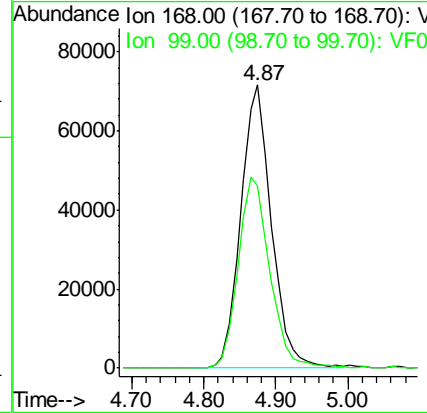
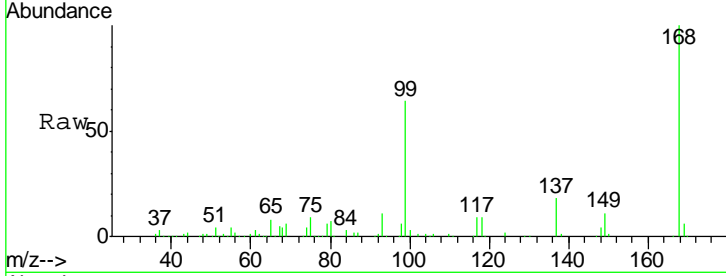
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 4.87 min Scan# 430  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
168	100		
99	64.2	57.0	85.6

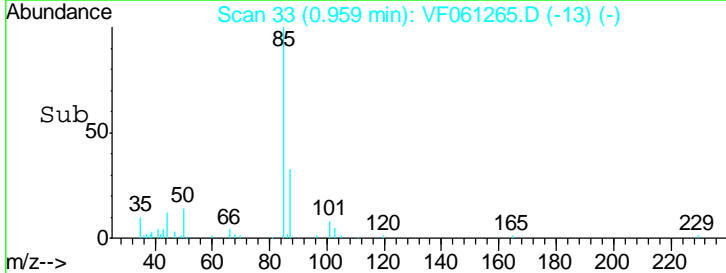
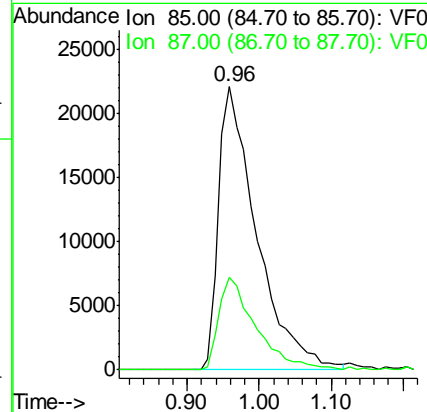
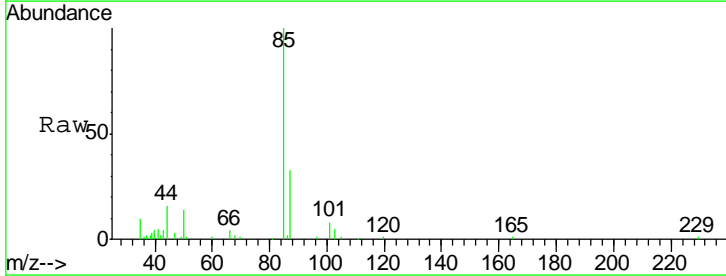
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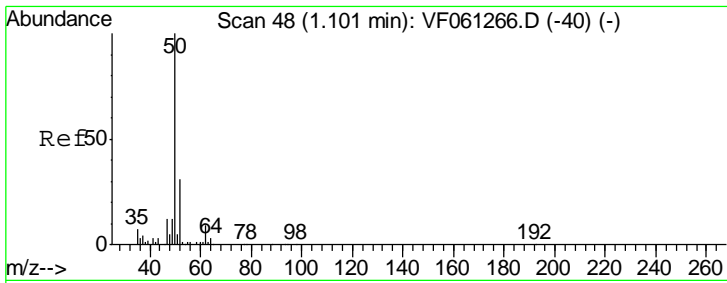
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#2  
 Dichlorodifluoromethane  
 Concen: 17.518 ug/l  
 RT: 0.96 min Scan# 33  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
85	100		
87	32.6	15.6	46.8





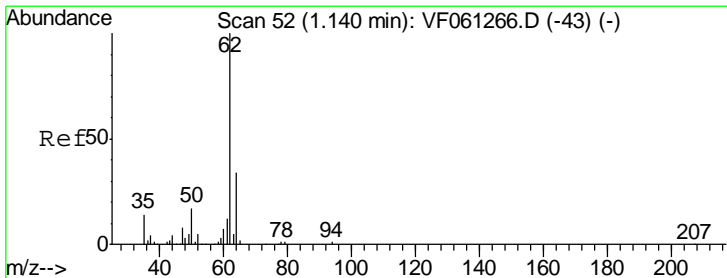
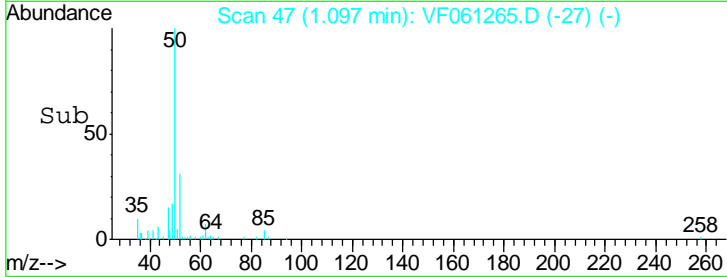
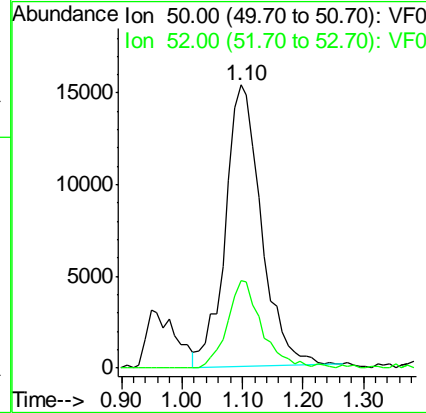
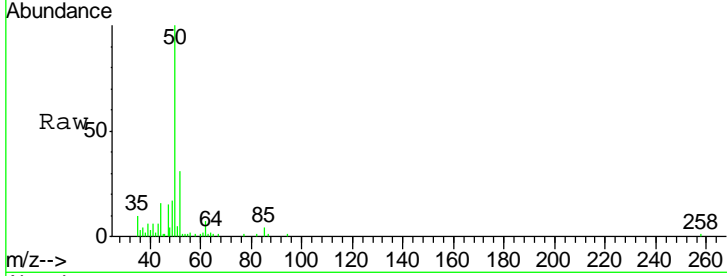
#3  
 Chloromethane  
 Concen: 22.981 ug/l  
 RT: 1.10 min Scan# 47  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
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Instrument : MSVOA\_F  
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Tgt Ion	Resp	Lower	Upper
50	63398		
52	30.9	23.4	35.2

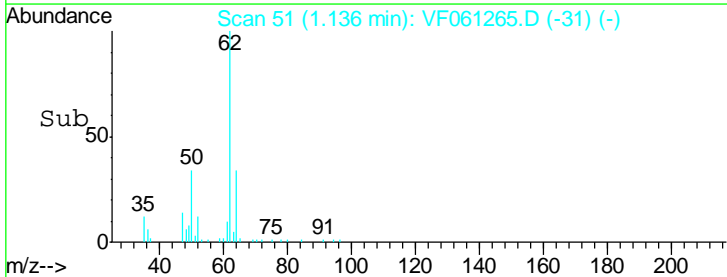
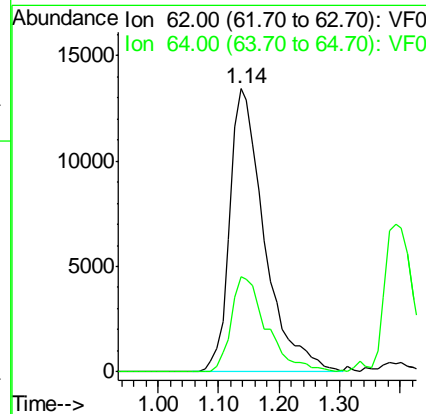
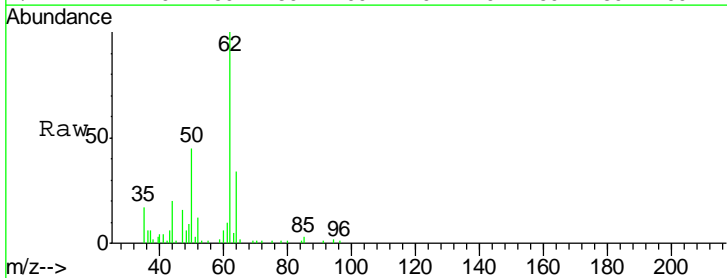
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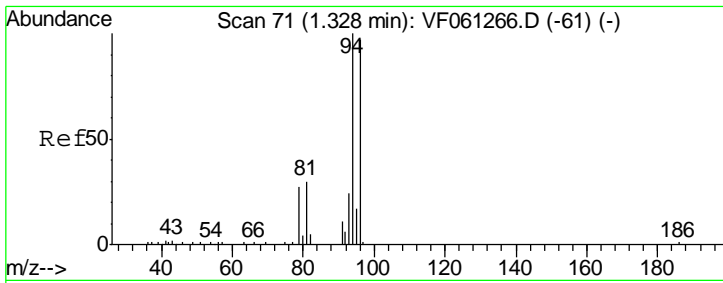
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#4  
 Vinyl Chloride  
 Concen: 20.949 ug/l  
 RT: 1.14 min Scan# 51  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
62	53455		
64	33.9	26.9	40.3



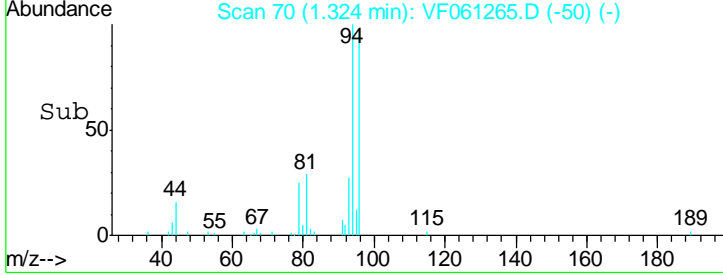
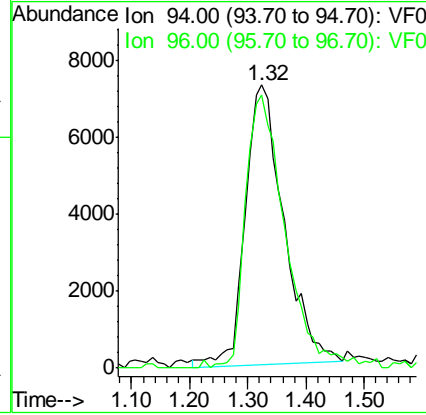
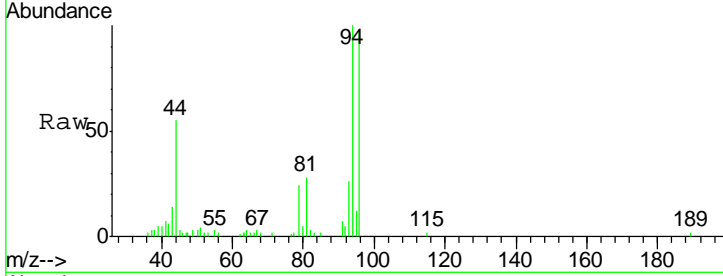


#5  
 Bromomethane  
 Concen: 19.050 ug/l  
 RT: 1.32 min Scan# 70  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
94	100		
96	96.6	77.2	115.8

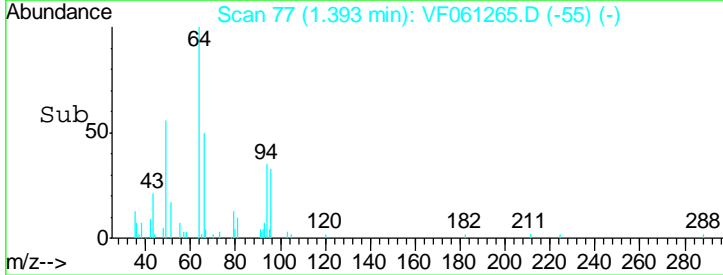
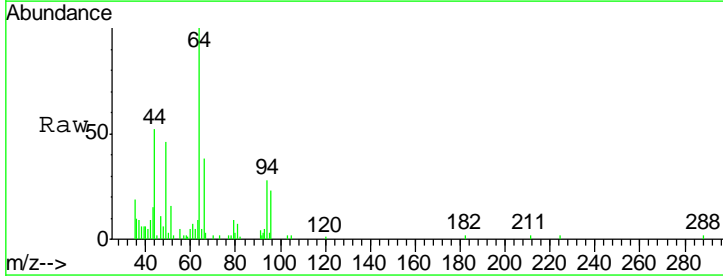
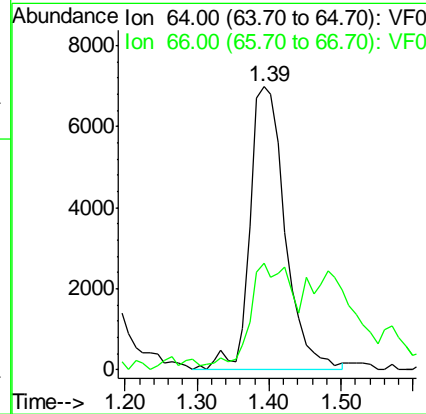
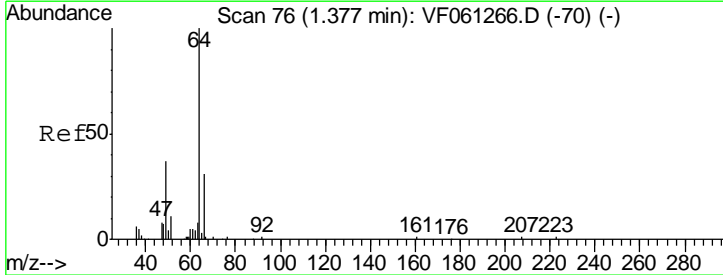
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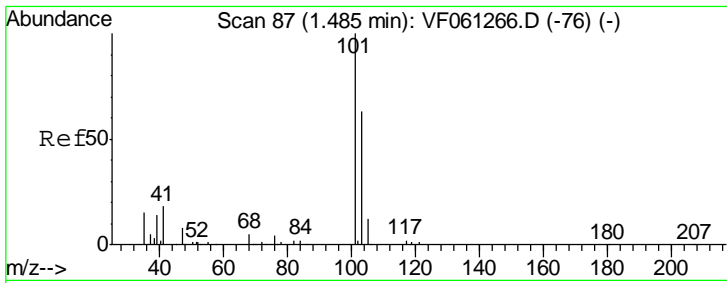
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#6  
 Chloroethane  
 Concen: 20.475 ug/l  
 RT: 1.39 min Scan# 77  
 Delta R.T. 0.02 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
64	100		
66	37.7	25.2	37.8





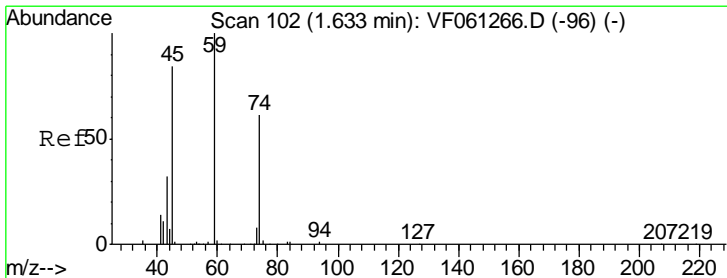
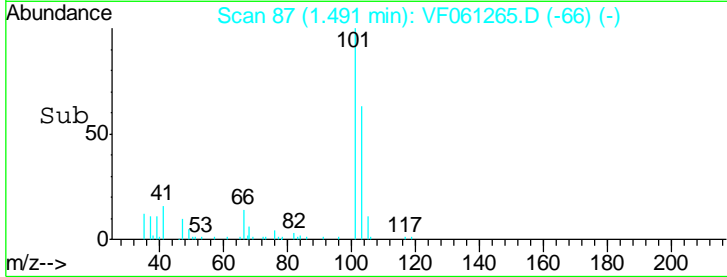
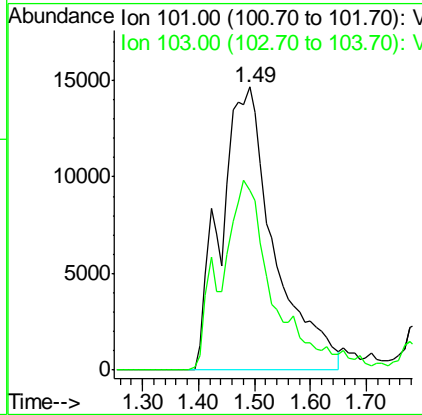
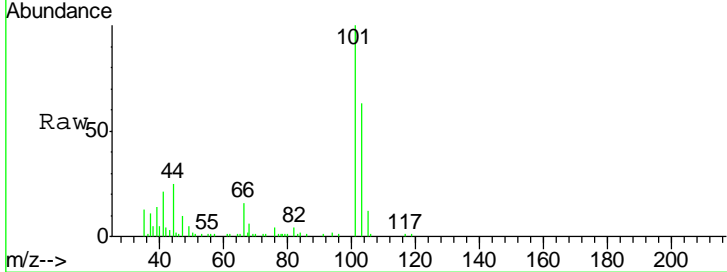
#7  
 Trichlorofluoromethane  
 Concen: 20.215 ug/l  
 RT: 1.49 min Scan# 87  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
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Tgt Ion	Resp	Lower	Upper
101	96997		
103	63.4	50.3	75.5

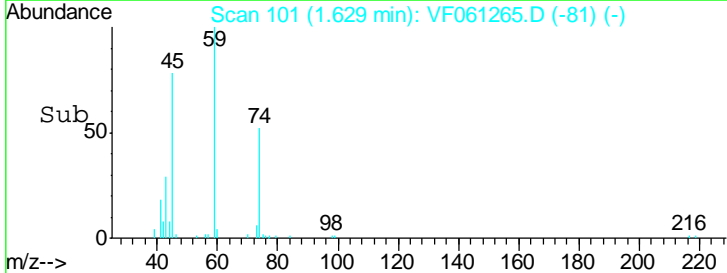
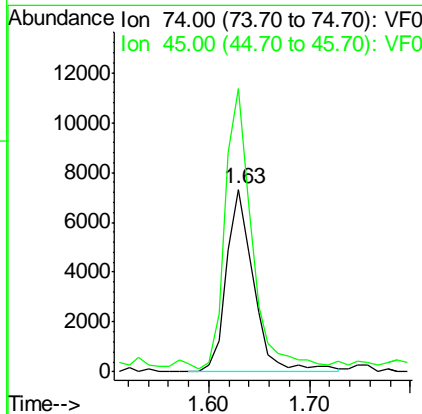
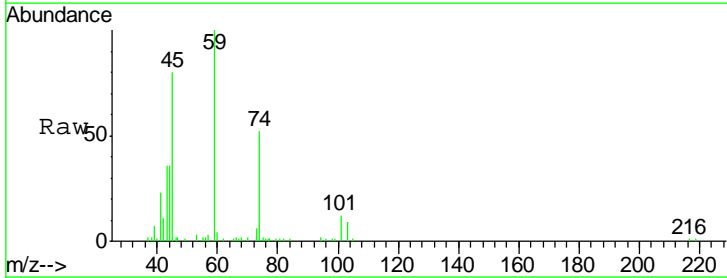
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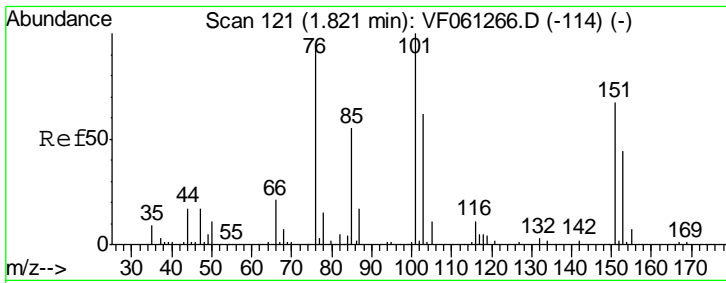


#8  
 Diethyl Ether  
 Concen: 21.067 ug/l  
 RT: 1.63 min Scan# 101  
 Delta R.T. -0.00 min  
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Tgt Ion	Resp	Lower	Upper
74	13734		
45	155.0	69.0	207.0







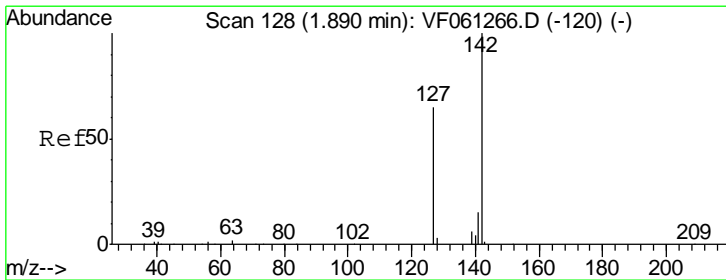
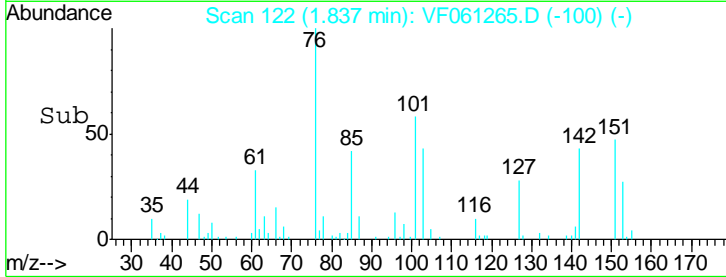
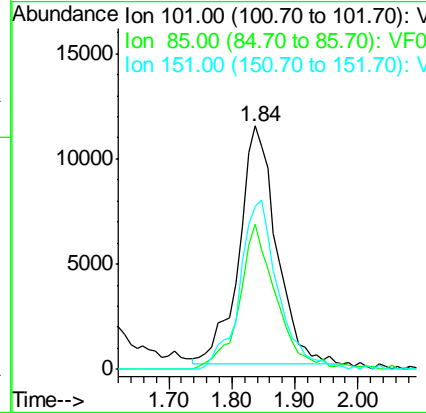
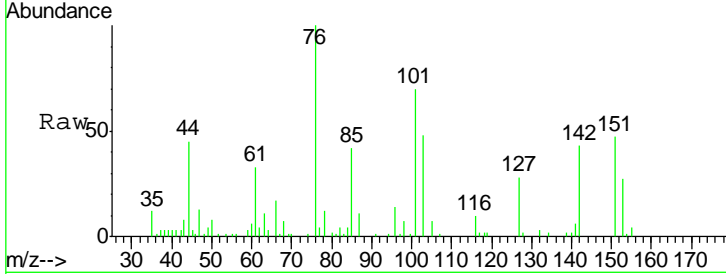
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.470 ug/l  
 RT: 1.84 min Scan# 122  
 Delta R.T. 0.02 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
101	46323		
85	59.4	42.9	64.3
151	67.1	52.4	78.6

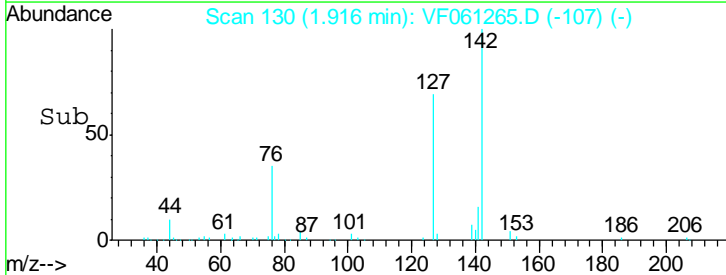
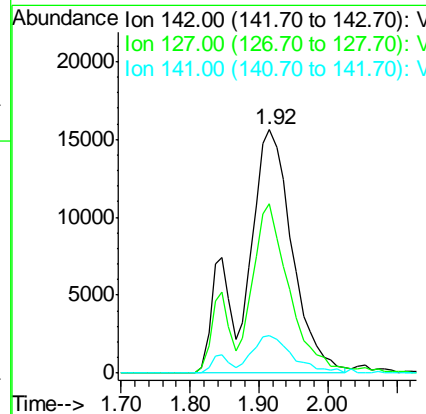
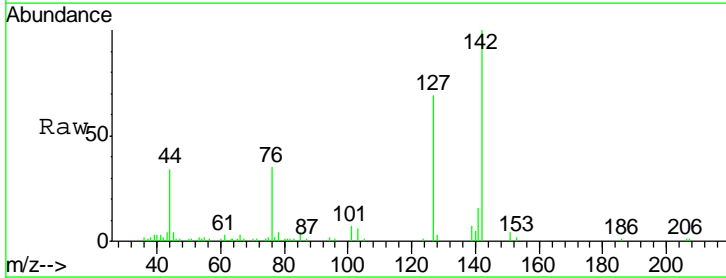
Manual Integrations  
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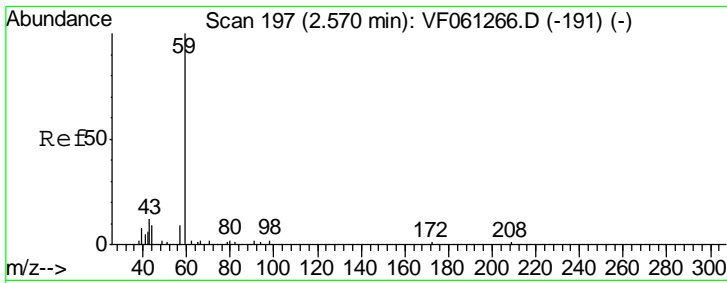
apatel  
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#10  
 Methyl Iodide  
 Concen: 19.339 ug/l m  
 RT: 1.92 min Scan# 130  
 Delta R.T. 0.03 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
142	76083		
127	69.4	52.3	78.5
141	15.5	12.2	18.4





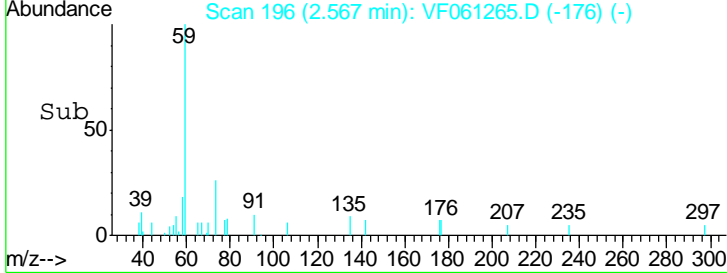
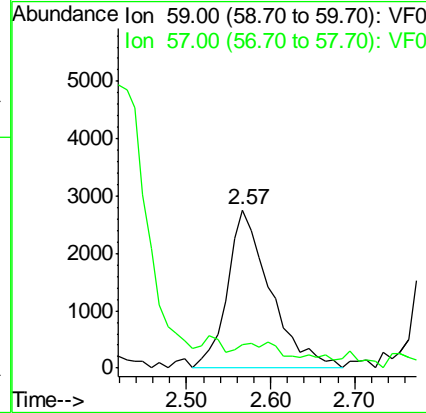
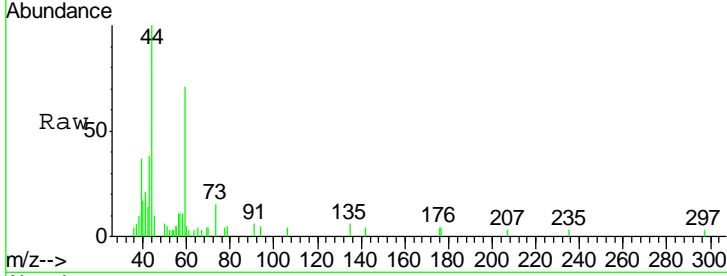
#11  
 Tert butyl alcohol  
 Concen: 89.991 ug/l  
 RT: 2.57 min Scan# 196  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
59	100		
57	15.2	12.6	18.8

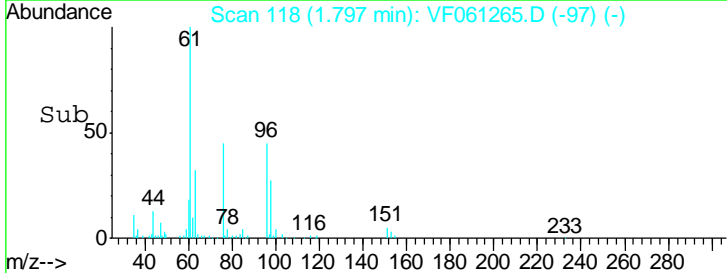
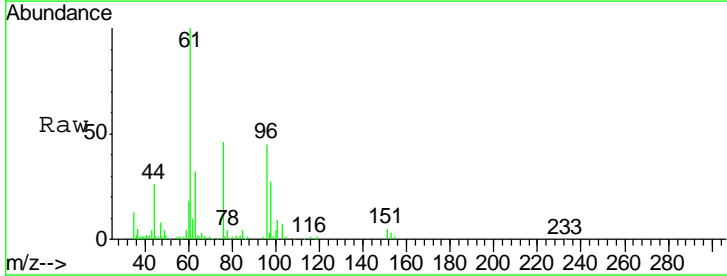
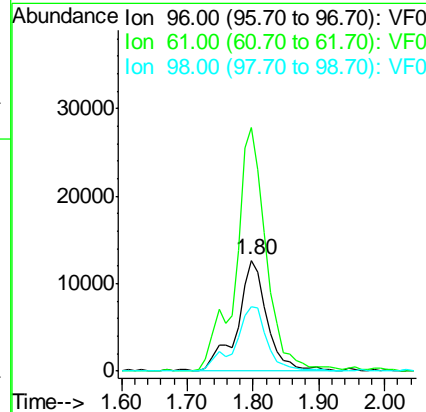
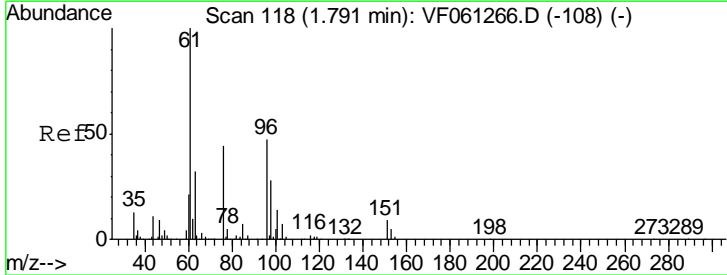
Manual Integrations  
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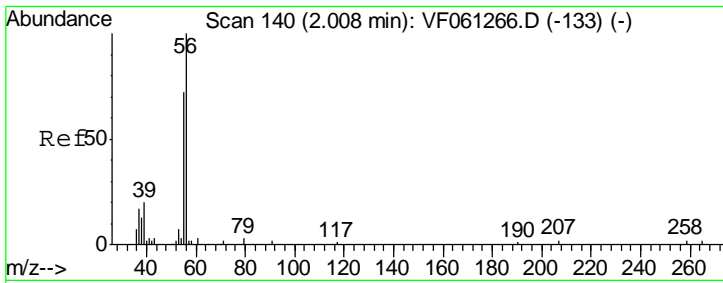
apatel  
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#12  
 1,1-Dichloroethene  
 Concen: 21.451 ug/l  
 RT: 1.80 min Scan# 118  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
96	100		
61	219.8	171.6	257.4
98	58.6	48.6	72.8



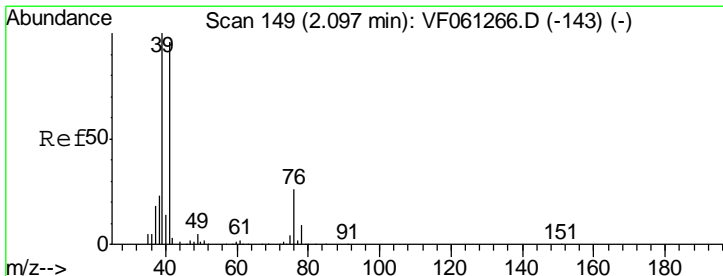
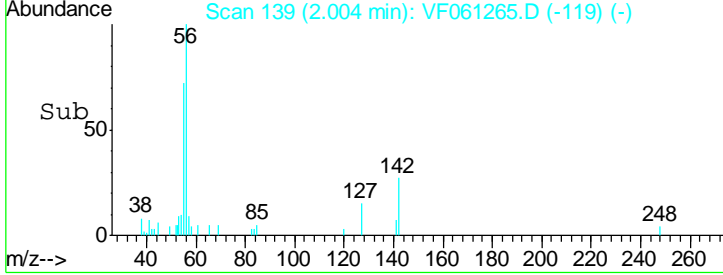
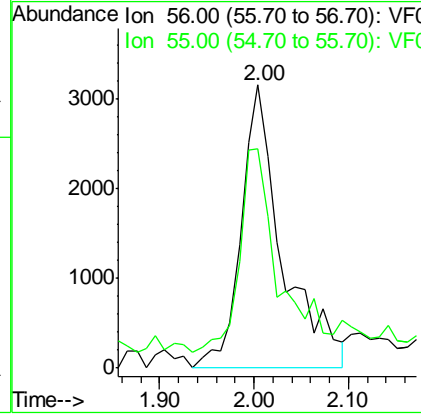
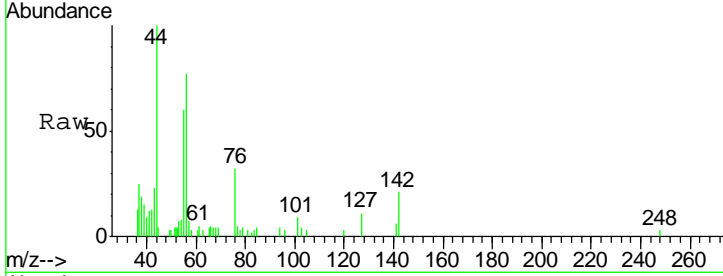


#13  
 Acrolein  
 Concen: 116.407 ug/l  
 RT: 2.00 min Scan# 139  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
56	100		
55	77.3	59.7	89.5

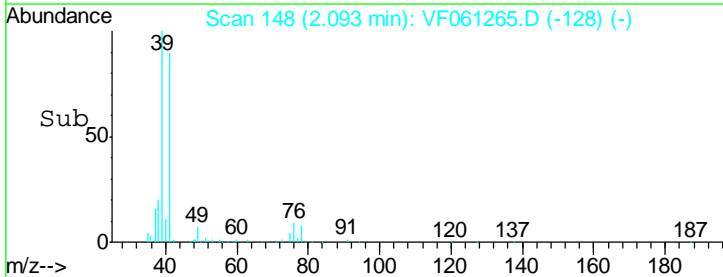
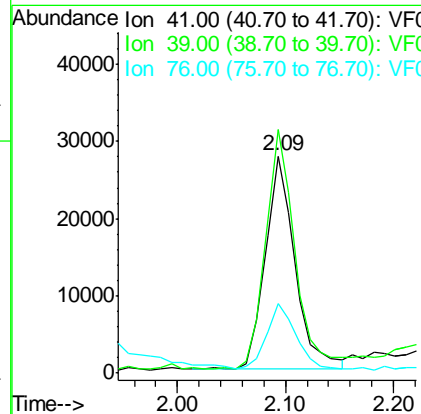
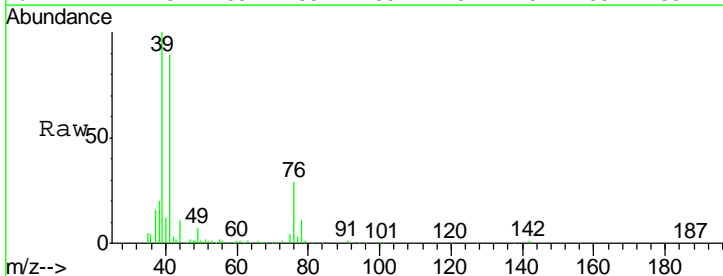
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

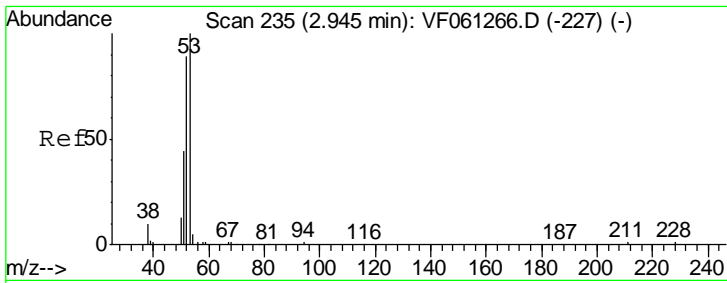
Manual Integrations APPROVED  
 apatel  
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#14  
 Allyl chloride  
 Concen: 24.759 ug/l  
 RT: 2.09 min Scan# 148  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
41	100		
39	112.0	83.4	125.2
76	32.0	23.9	35.9





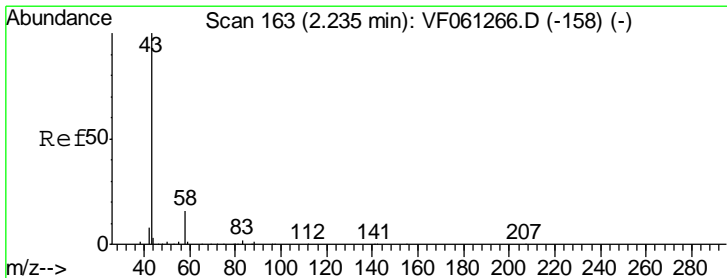
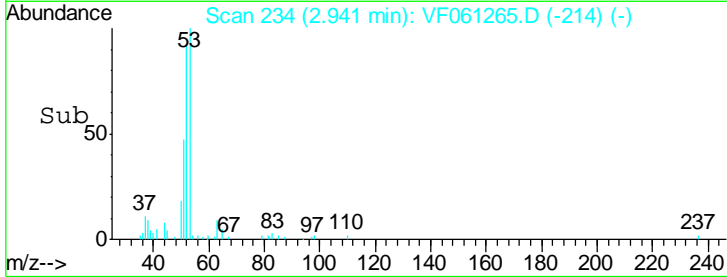
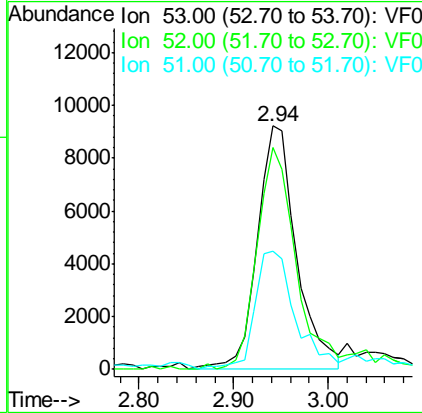
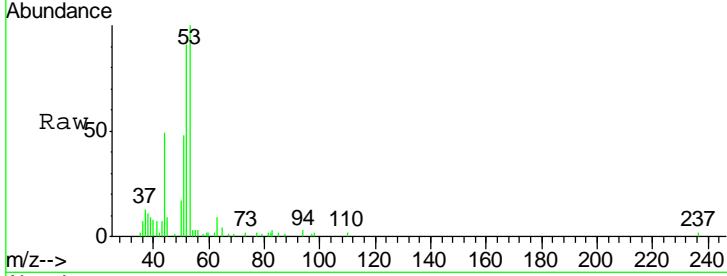
#15  
 Acrylonitrile  
 Concen: 103.628 ug/l  
 RT: 2.94 min Scan# 234  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
53	100		
52	90.9	71.3	106.9
51	48.3	36.2	54.4

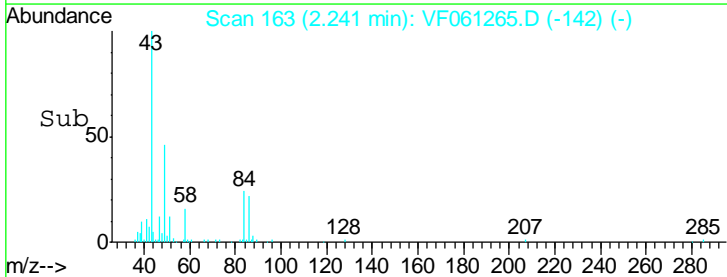
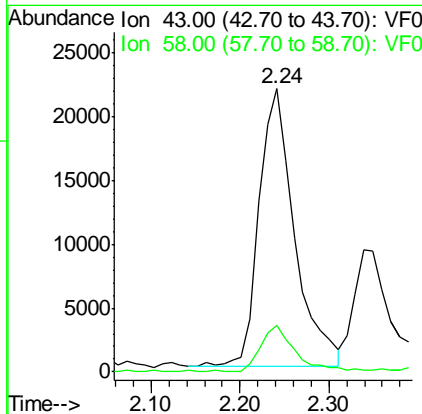
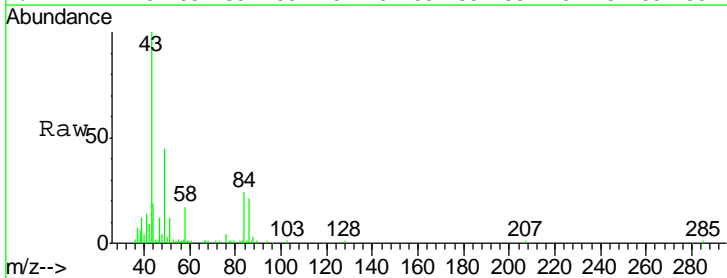
**Manual Integrations**  
**APPROVED**

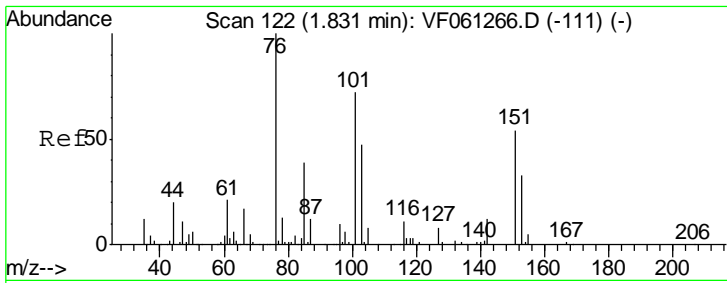
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#16  
 Acetone  
 Concen: 115.763 ug/l  
 RT: 2.24 min Scan# 163  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
43	100		
58	16.5	13.0	19.4



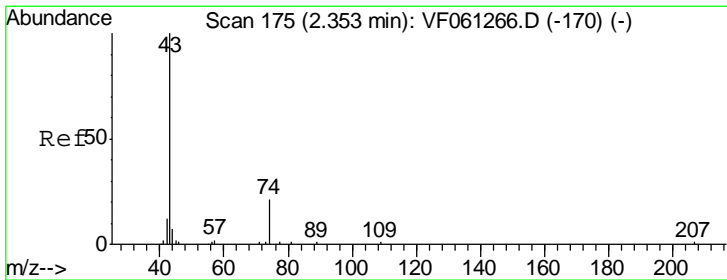
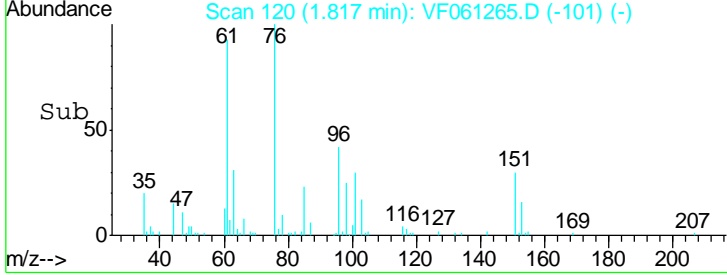
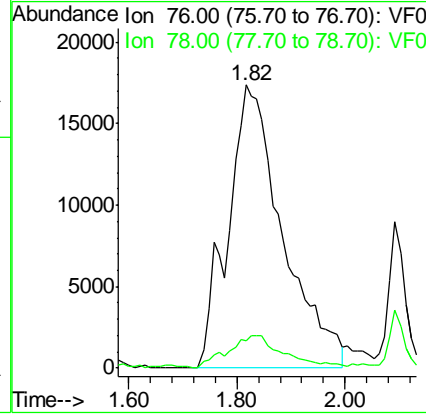
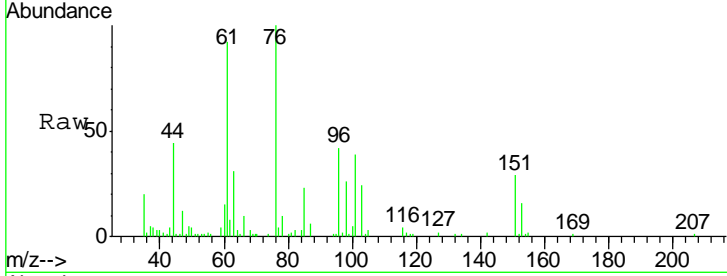


#17  
 Carbon Disulfide  
 Concen: 21.233 ug/l  
 RT: 1.82 min Scan# 120  
 Delta R.T. -0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

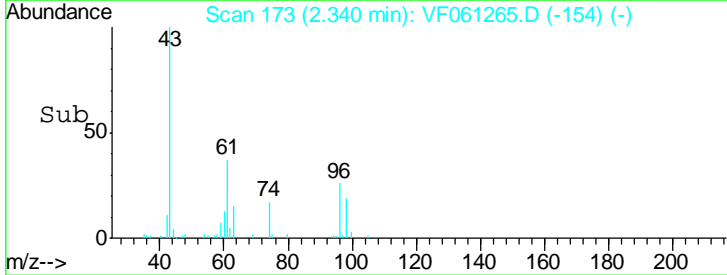
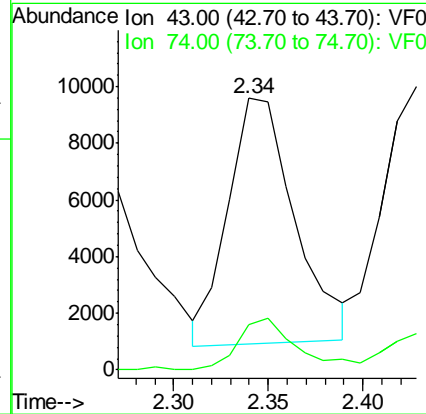
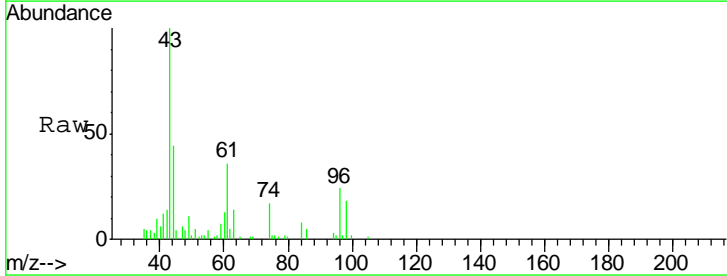
Tgt Ion: 76 Resp: 122359  
 Ion Ratio Lower Upper  
 76 100  
 78 9.7 10.2 15.4#

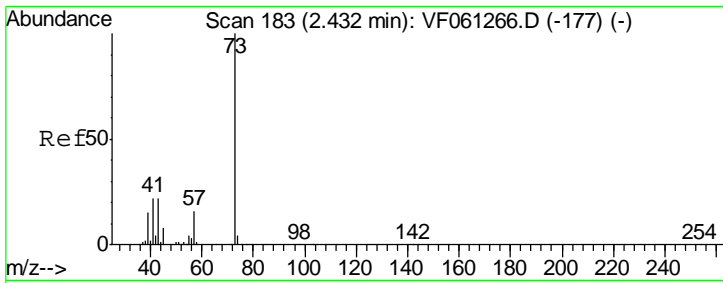
Manual Integrations APPROVED  
 apatel  
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#18  
 Methyl Acetate  
 Concen: 18.838 ug/l  
 RT: 2.34 min Scan# 173  
 Delta R.T. -0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion: 43 Resp: 21284  
 Ion Ratio Lower Upper  
 43 100  
 74 16.6 14.4 21.6





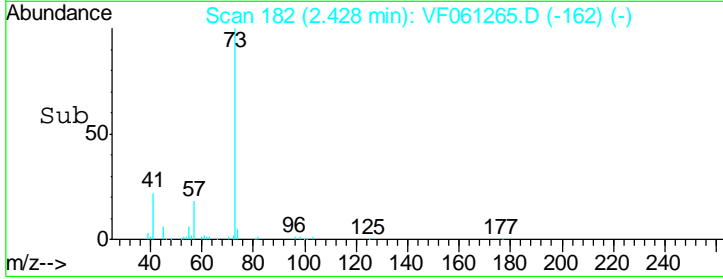
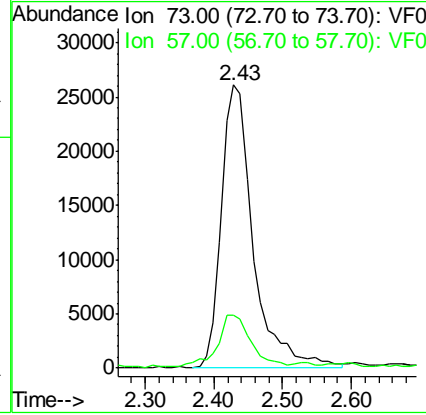
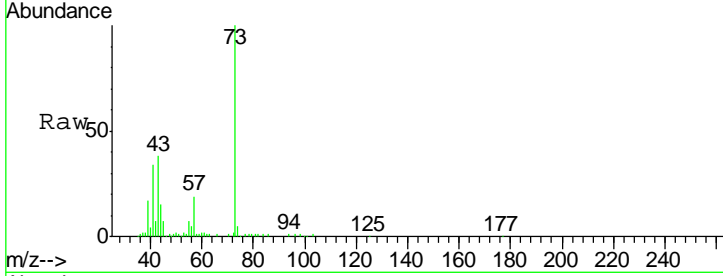
#19  
 Methyl tert-butyl Ether  
 Concen: 20.436 ug/l  
 RT: 2.43 min Scan# 182  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
73	83959		
73	100		
57	18.6	14.0	21.0

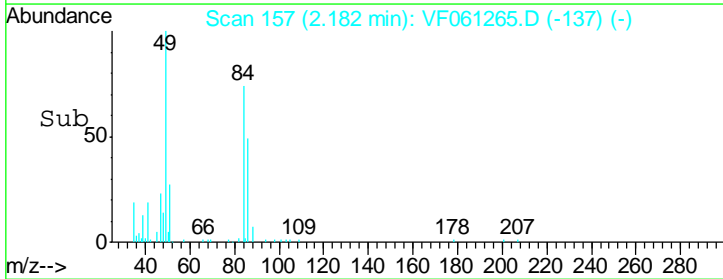
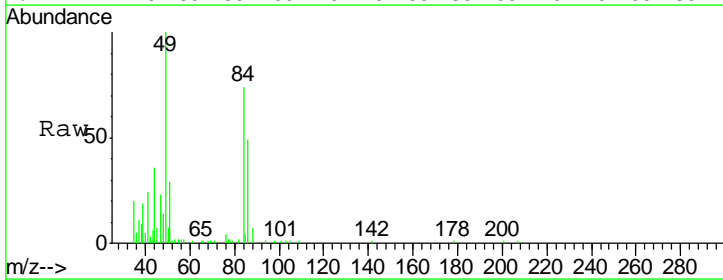
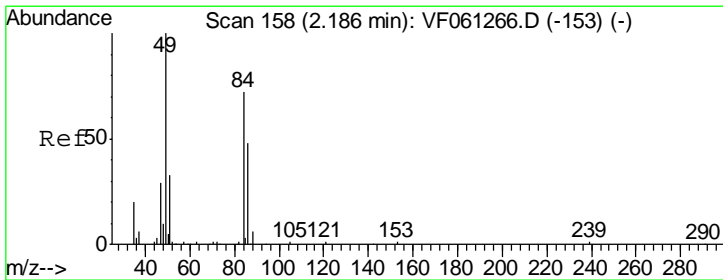
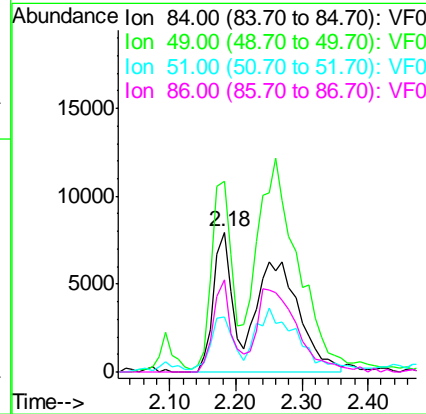
**Manual Integrations**  
**APPROVED**

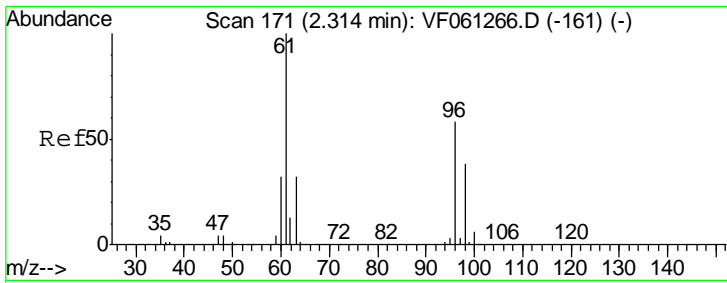
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#20  
 Methylene Chloride  
 Concen: 20.893 ug/l m  
 RT: 2.18 min Scan# 157  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

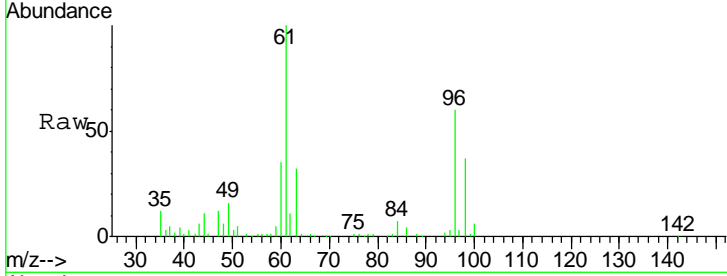
Tgt Ion	Resp	Lower	Upper
84	43282		
84	100		
49	136.0	112.9	169.3
51	39.5	37.9	56.9
86	66.2	53.8	80.8





#21  
 trans-1,2-Dichloroethene  
 Concen: 20.713 ug/l m  
 RT: 2.31 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

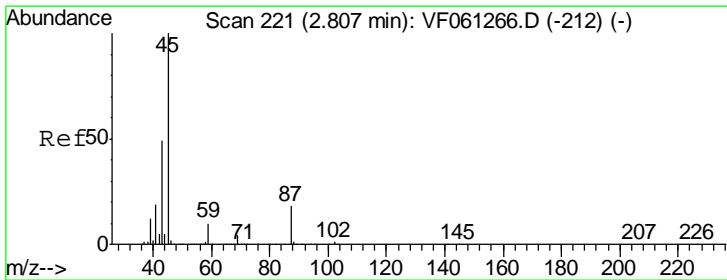
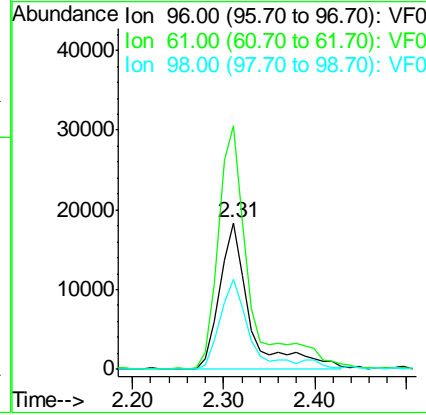
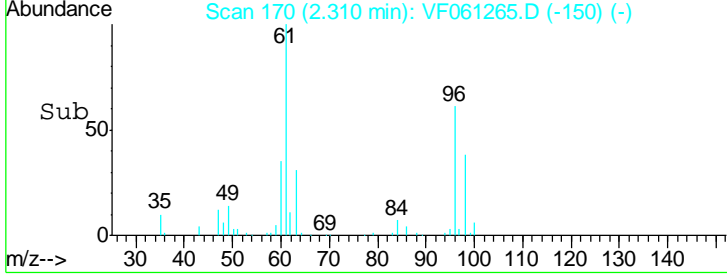
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020



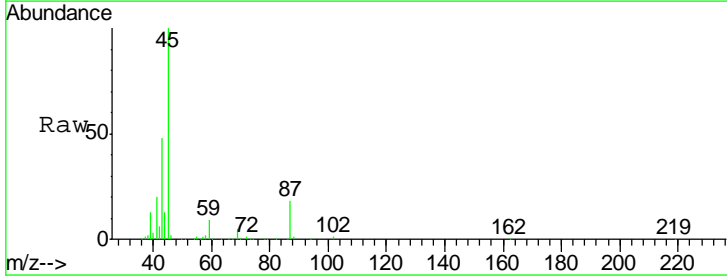
Tgt Ion: 96 Resp: 42350

Ion	Ratio	Lower	Upper
96	100		
61	165.8	139.3	208.9
98	61.6	52.6	78.8

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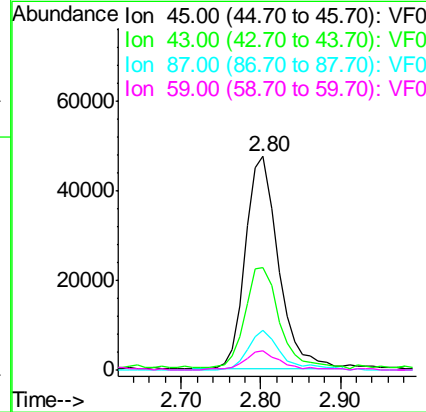
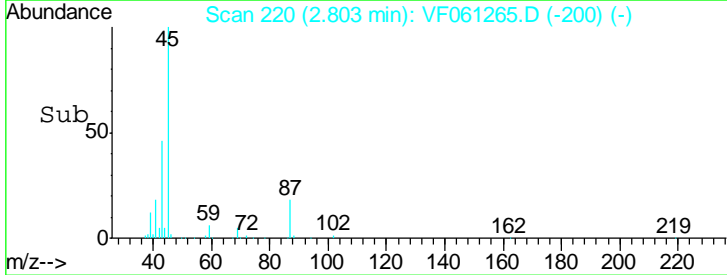


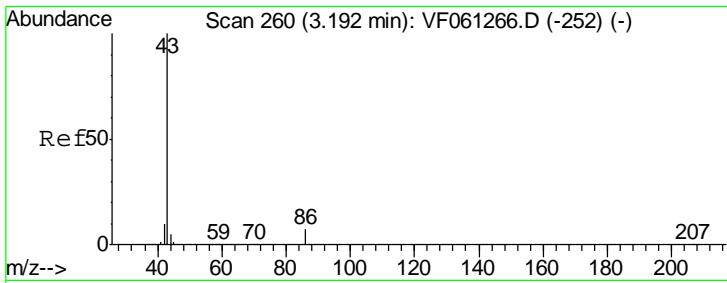
#22  
 Diisopropyl ether  
 Concen: 20.770 ug/l  
 RT: 2.80 min Scan# 220  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17



Tgt Ion: 45 Resp: 136427

Ion	Ratio	Lower	Upper
45	100		
43	47.7	39.5	59.3
87	18.4	14.8	22.2
59	8.9	7.8	11.8





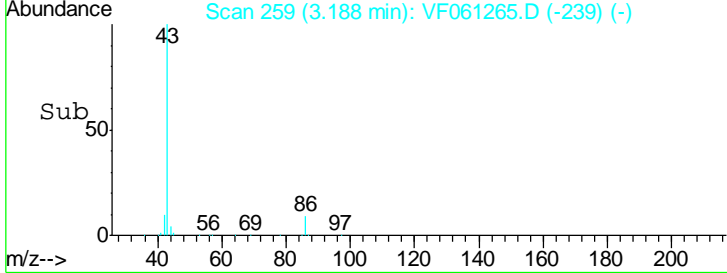
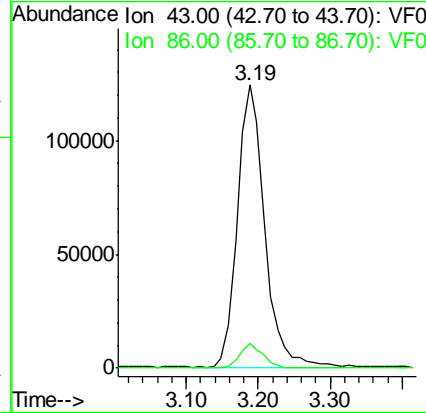
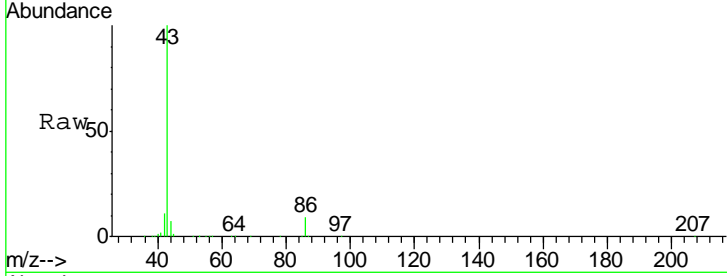
#23  
 Vinyl Acetate  
 Concen: 108.914 ug/l  
 RT: 3.19 min Scan# 259  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.0	9.0

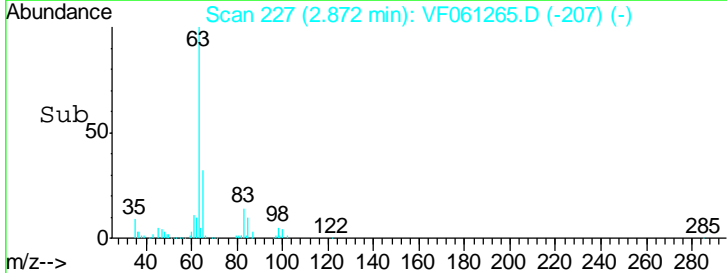
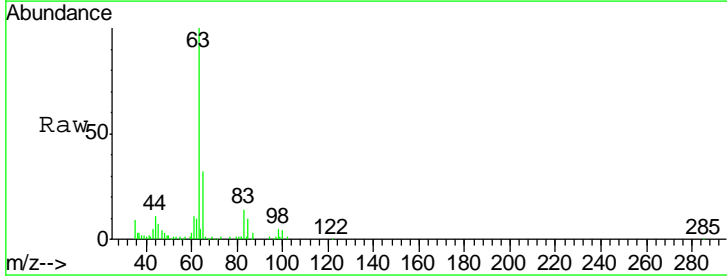
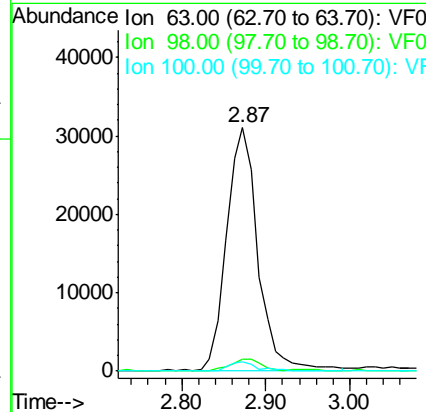
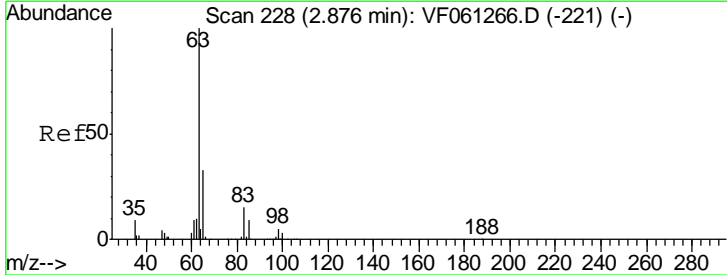
**Manual Integrations**  
**APPROVED**

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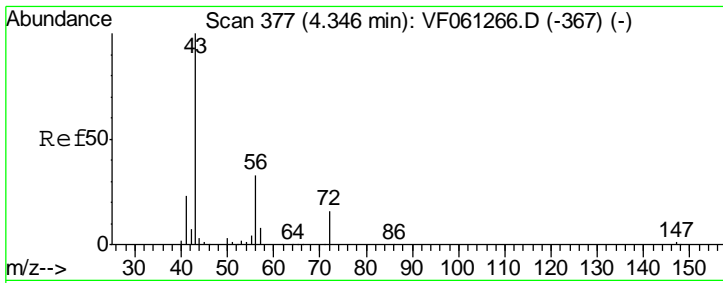


#24  
 1,1-Dichloroethane  
 Concen: 20.613 ug/l  
 RT: 2.87 min Scan# 227  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.5	7.5
100	3.9	1.6	4.8







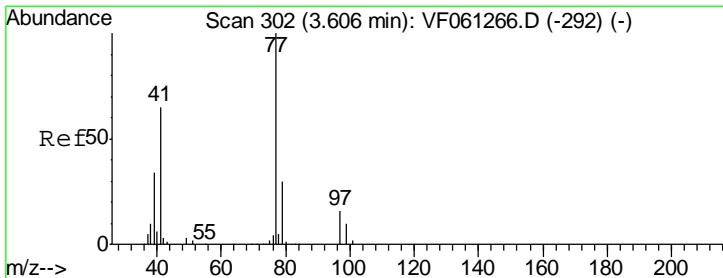
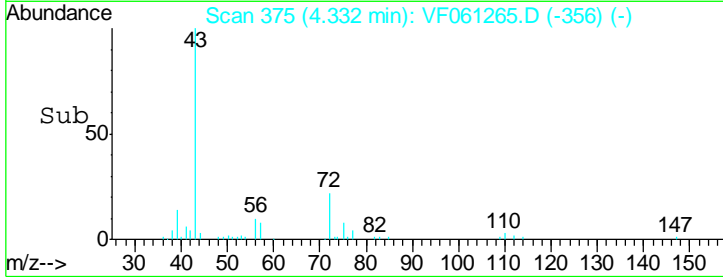
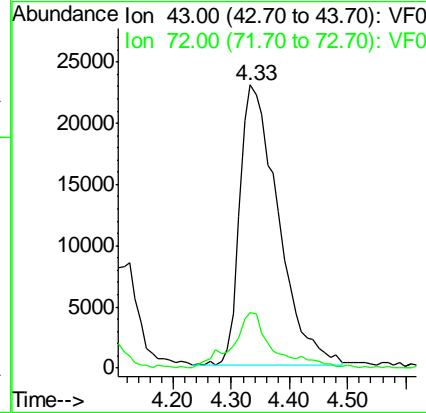
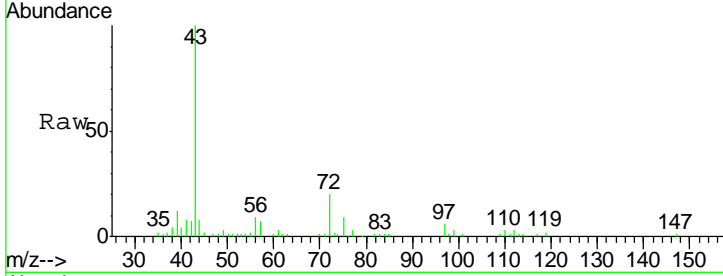
#25  
 2-Butanone  
 Concen: 119.697 ug/l  
 RT: 4.33 min Scan# 375  
 Delta R.T. -0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
43	105768		
72	19.5	13.0	19.6

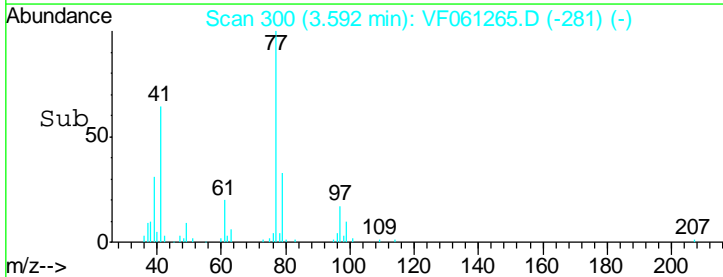
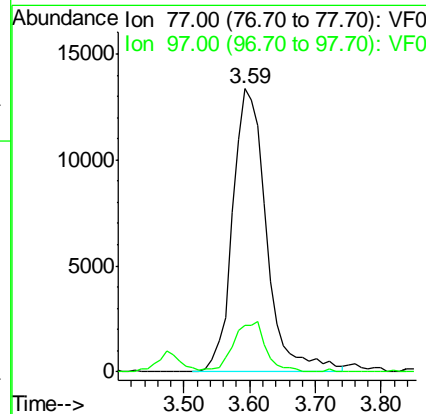
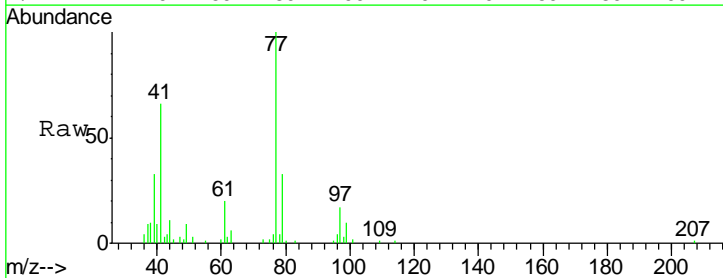
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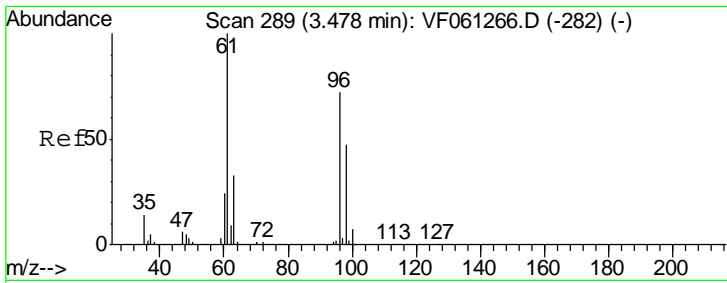
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#26  
 2,2-Dichloropropane  
 Concen: 21.393 ug/l  
 RT: 3.59 min Scan# 300  
 Delta R.T. -0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
77	48265		
97	16.5	8.9	26.7





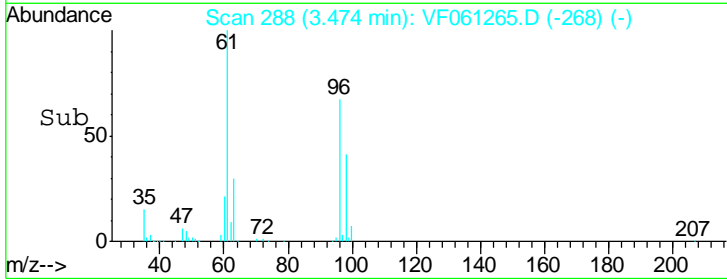
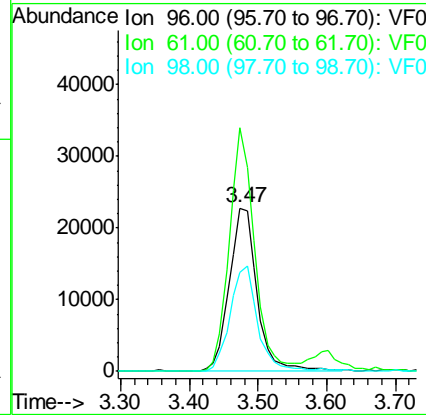
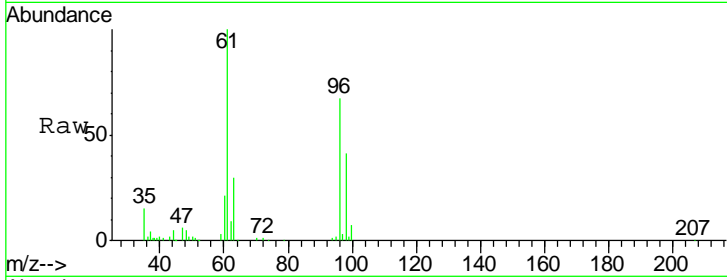
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.638 ug/l  
 RT: 3.47 min Scan# 288  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
96	63831		
Ion Ratio			
96	100		
61	149.3	0.0	277.8
98	60.7	0.0	130.8

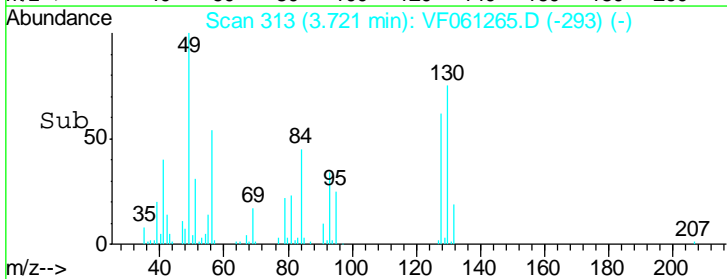
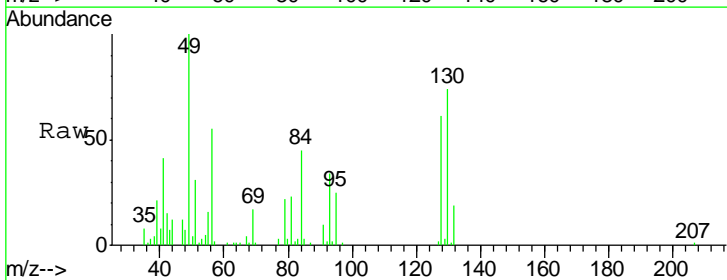
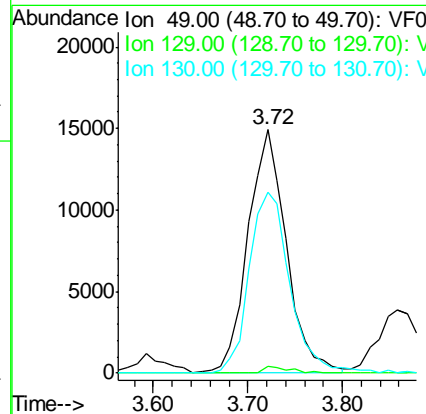
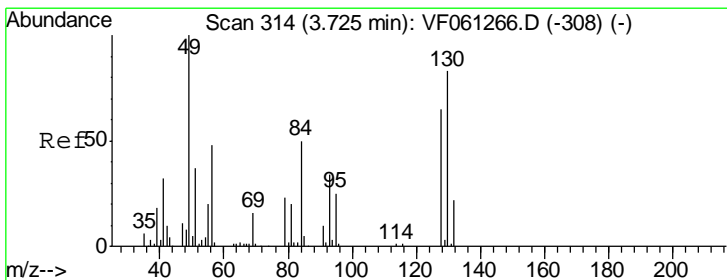
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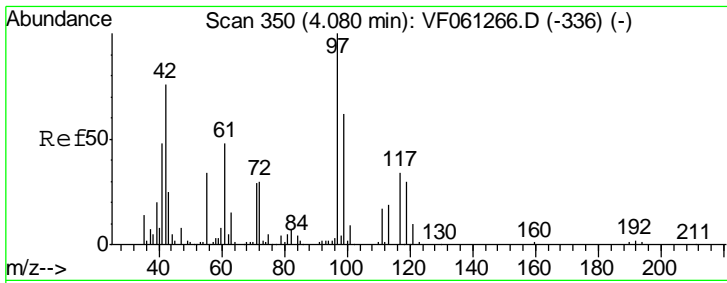
apatel  
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#28  
 Bromochloromethane  
 Concen: 21.746 ug/l  
 RT: 3.72 min Scan# 313  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
49	42150		
Ion Ratio			
49	100		
129	2.8	0.0	5.4
130	74.1	65.7	98.5





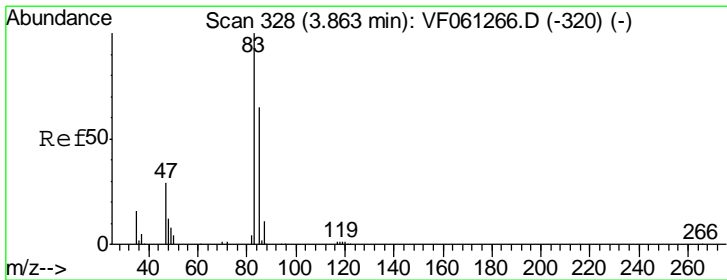
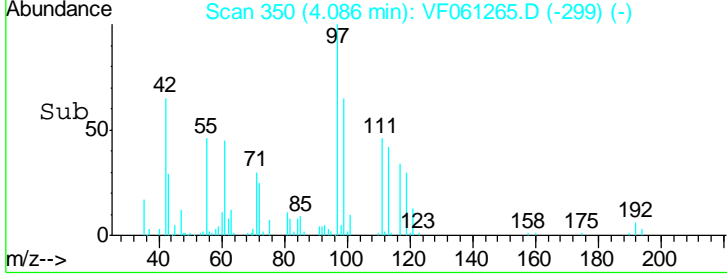
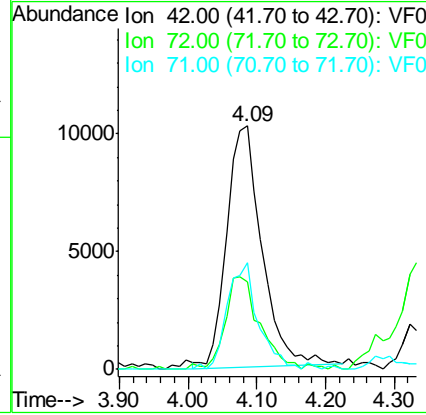
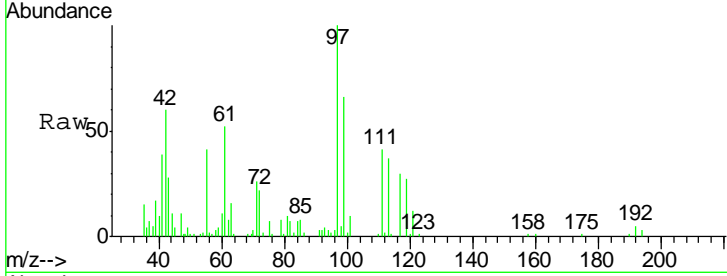
#29  
 Tetrahydrofuran  
 Concen: 99.866 ug/l  
 RT: 4.09 min Scan# 350  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
42	100		
72	37.9	29.2	43.8
71	38.8	29.1	43.7

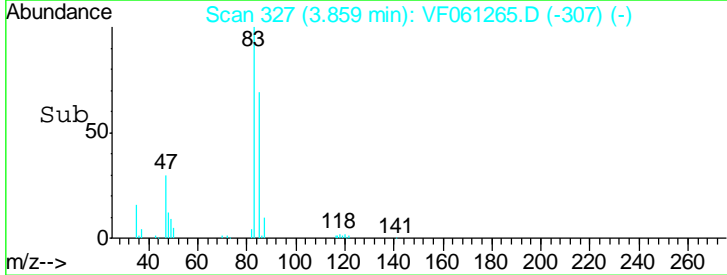
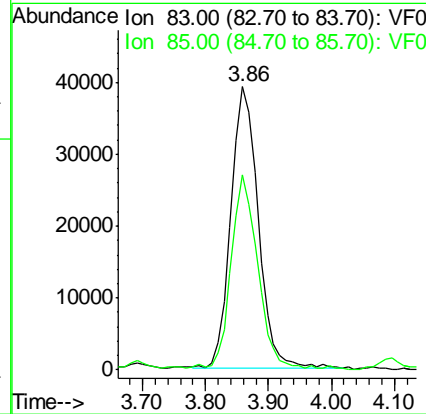
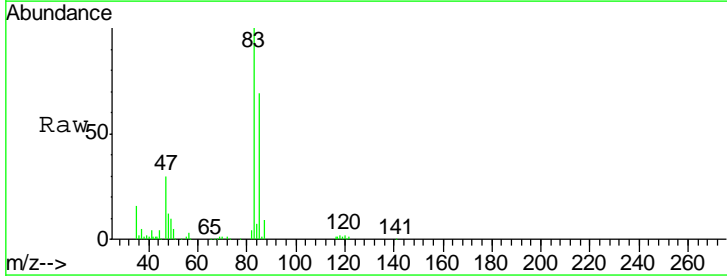
Manual Integrations  
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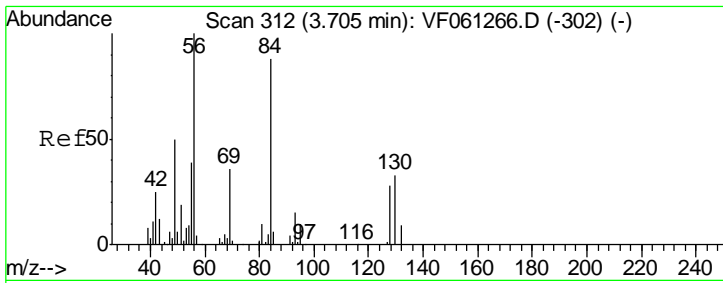
apatel  
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#30  
 Chloroform  
 Concen: 20.312 ug/l  
 RT: 3.86 min Scan# 327  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
83	100		
85	68.8	52.2	78.4





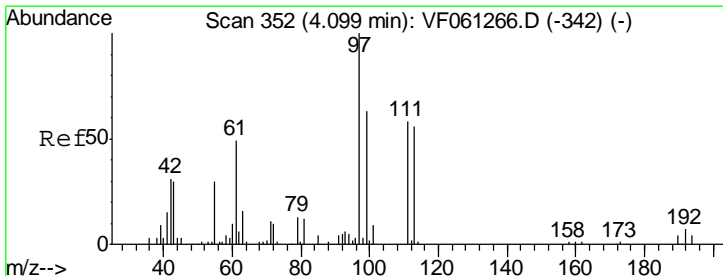
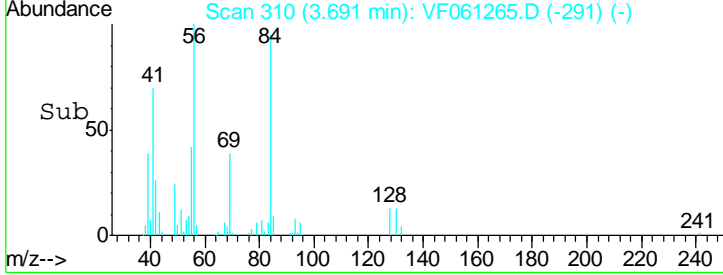
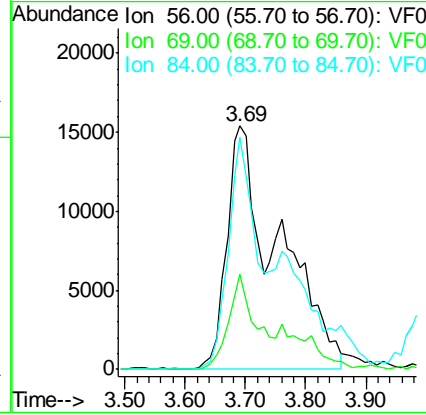
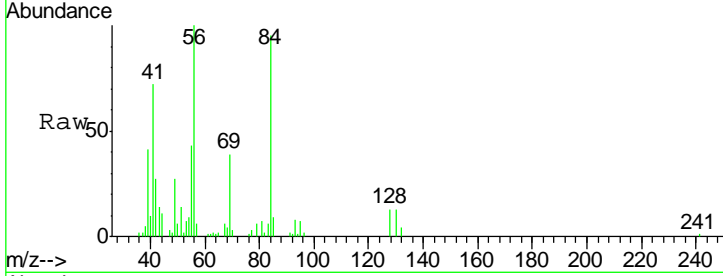
#31  
 Cyclohexane  
 Concen: 22.446 ug/l m  
 RT: 3.69 min Scan# 310  
 Delta R.T. -0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
56	91817		
56	100		
69	38.9	28.7	43.1
84	95.4	70.6	106.0

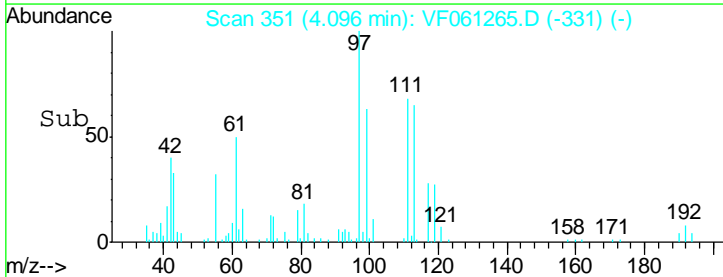
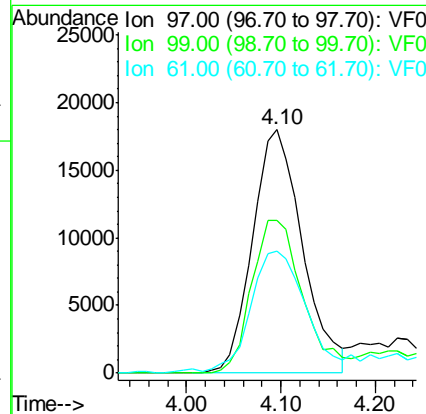
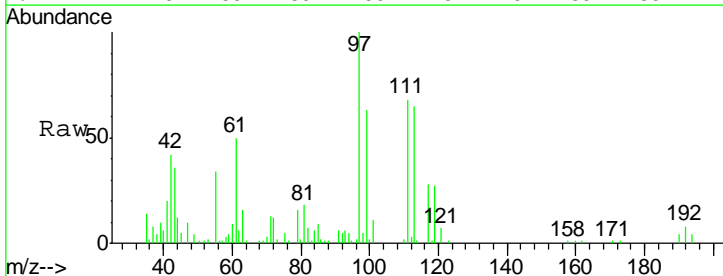
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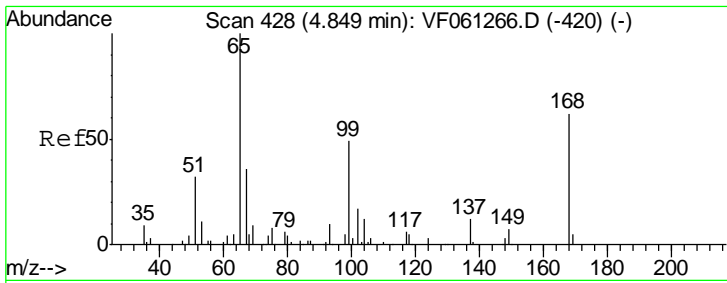
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#32  
 1,1,1-Trichloroethane  
 Concen: 18.358 ug/l  
 RT: 4.10 min Scan# 351  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
97	66212		
97	100		
99	62.6	50.6	76.0
61	50.1	39.6	59.4





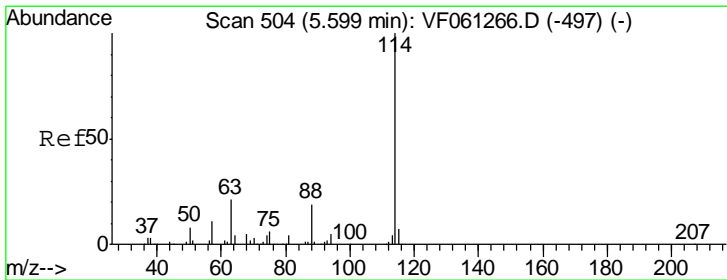
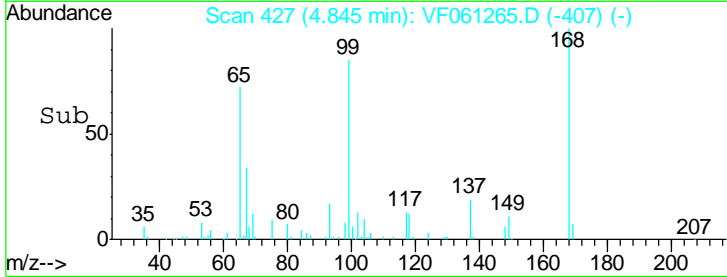
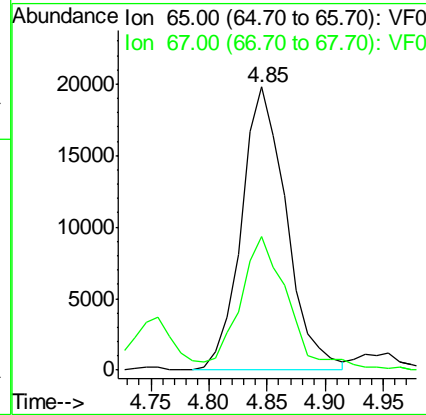
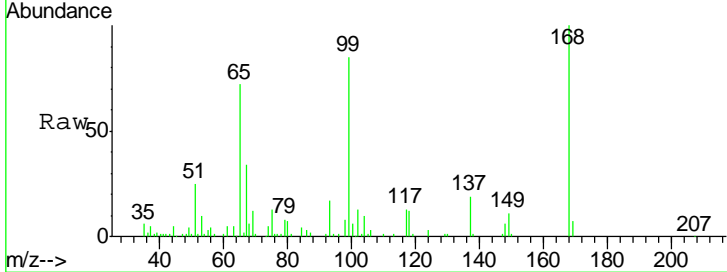
#33  
 1,2-Dichloroethane-d4  
 Concen: 19.419 ug/l  
 RT: 4.85 min Scan# 427  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
65	100		
67	47.1	0.0	90.4

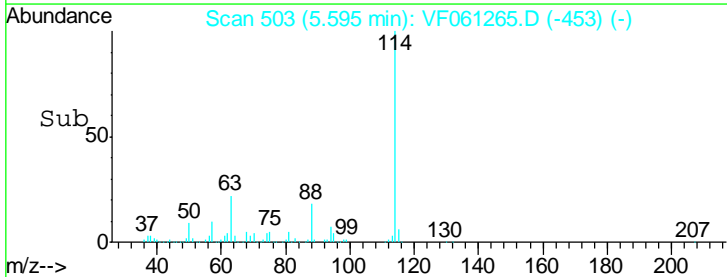
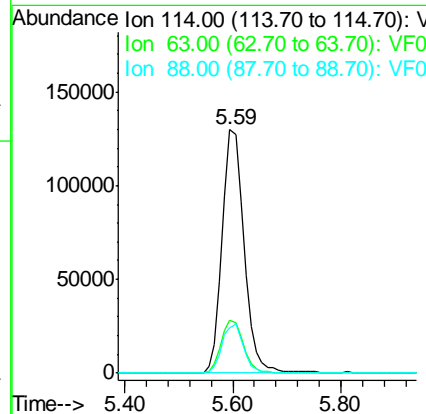
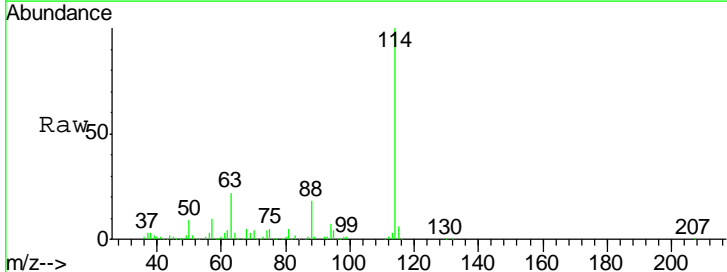
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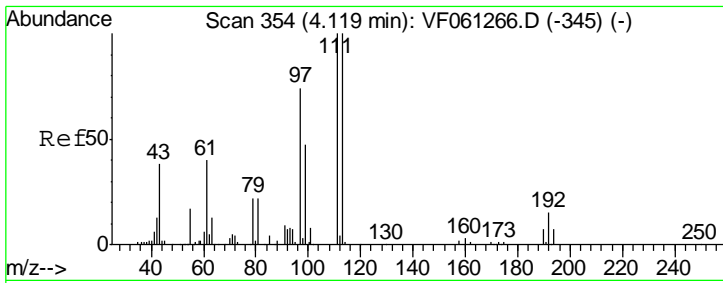
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.59 min Scan# 503  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

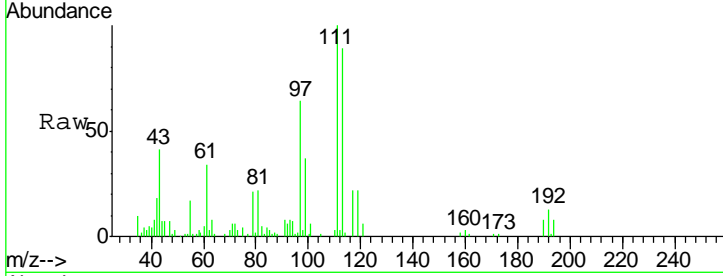
Tgt Ion	Resp	Lower	Upper
114	100		
63	21.8	0.0	41.8
88	18.4	0.0	38.4





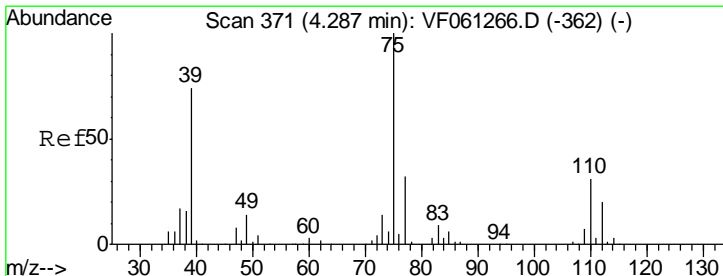
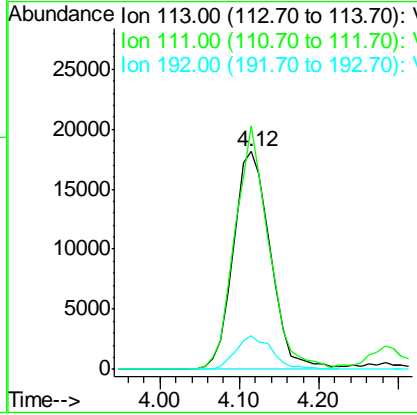
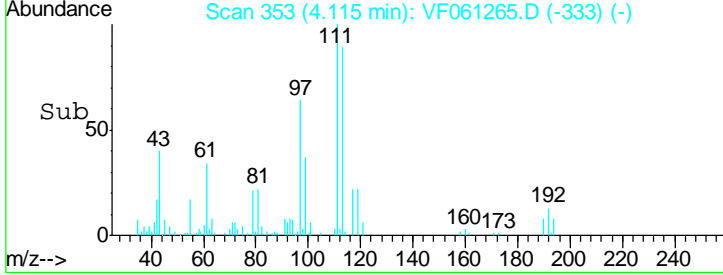
#35  
 Dibromofluoromethane  
 Concen: 19.918 ug/l  
 RT: 4.12 min Scan# 353  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020

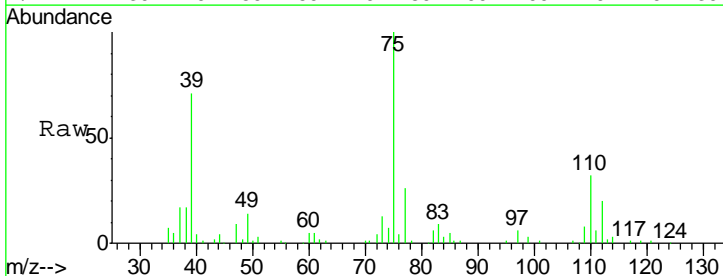


Tgt Ion	Resp	Lower	Upper
113	58617		
113	100		
111	112.0	79.8	119.6
192	15.6	11.9	17.9

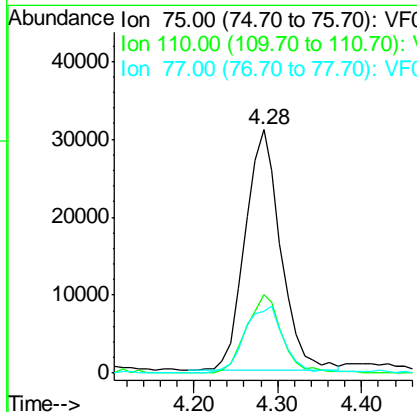
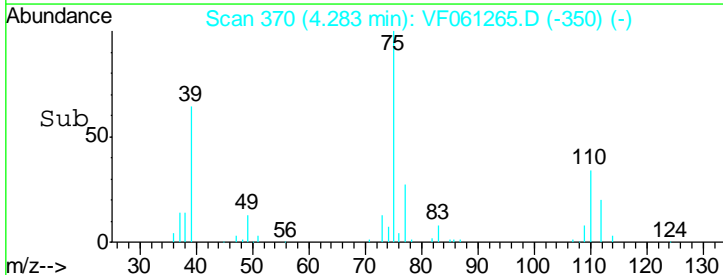
**Manual Integrations**  
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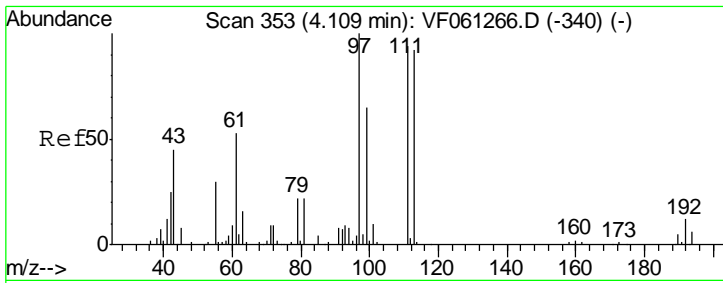


#36  
 1,1-Dichloropropene  
 Concen: 20.650 ug/l  
 RT: 4.28 min Scan# 370  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17



Tgt Ion	Resp	Lower	Upper
75	91993		
75	100		
110	32.3	15.4	46.4
77	25.5	25.6	38.4#





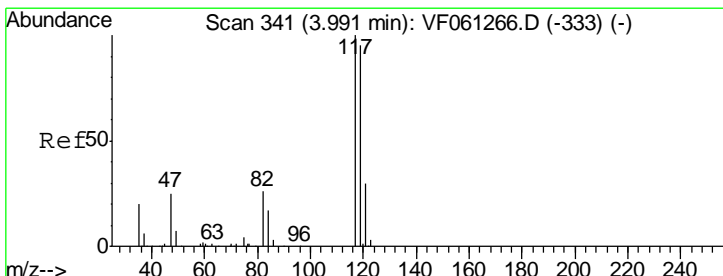
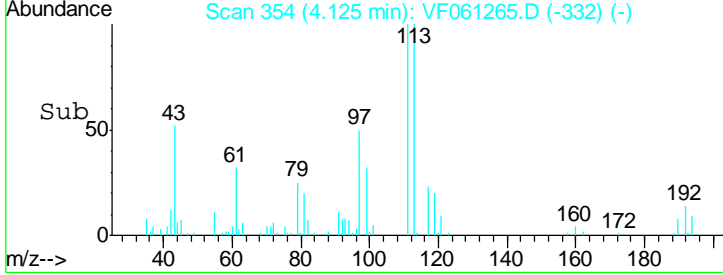
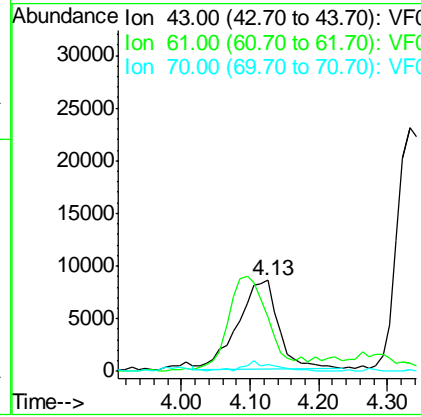
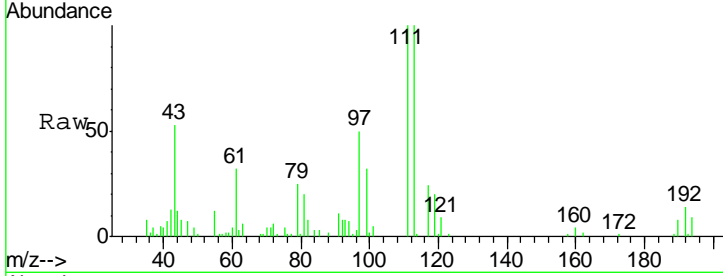
#37  
Ethyl Acetate  
Concen: 19.243 ug/l  
RT: 4.13 min Scan# 354  
Delta R.T. 0.02 min  
Lab File: VF061265.D  
Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
43	100		
61	59.9	91.2	136.8#
70	7.8	7.1	10.7

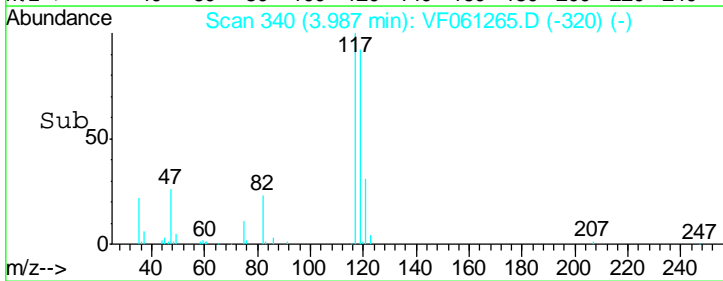
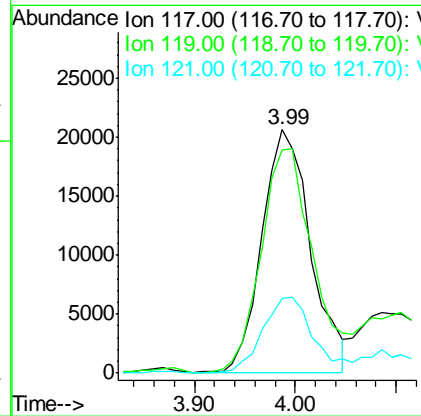
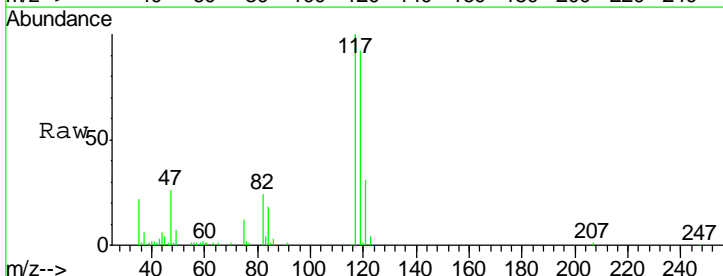
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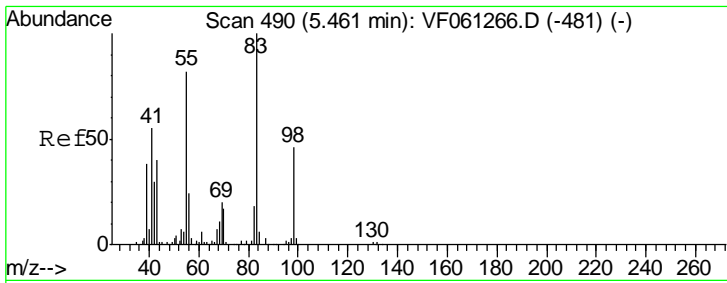
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#38  
Carbon Tetrachloride  
Concen: 20.278 ug/l  
RT: 3.99 min Scan# 340  
Delta R.T. -0.00 min  
Lab File: VF061265.D  
Acq: 3 Jan 2019 15:17

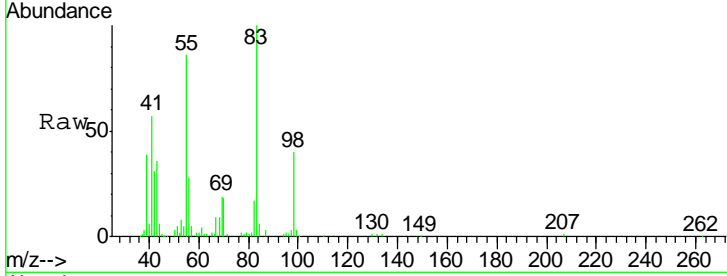
Tgt Ion	Resp	Lower	Upper
117	100		
119	91.7	76.0	114.0
121	30.7	23.8	35.8





#39  
 Methylcyclohexane  
 Concen: 22.527 ug/l  
 RT: 5.46 min Scan# 489  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

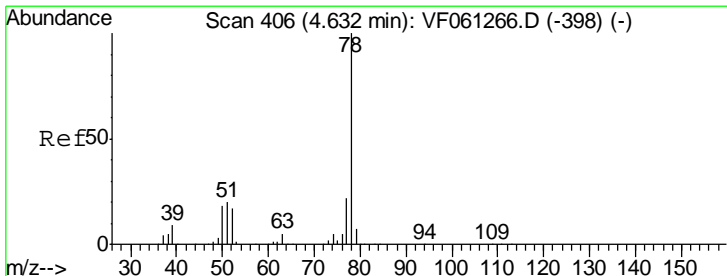
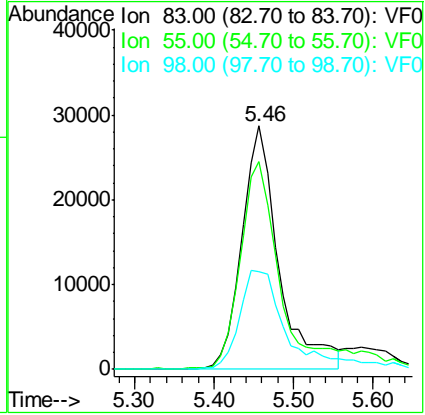
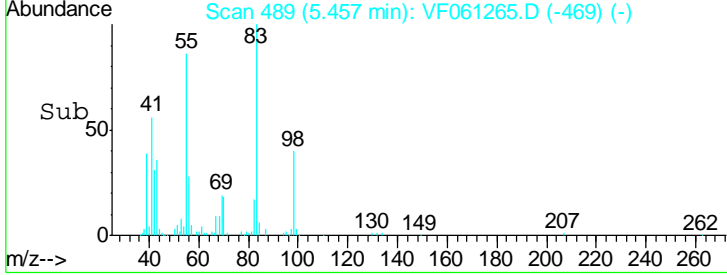
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020



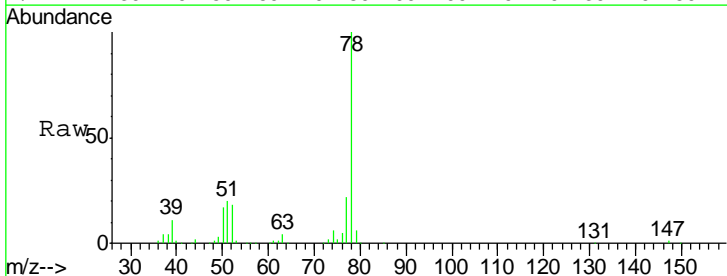
Tgt Ion: 83 Resp: 92202

Ion	Ratio	Lower	Upper
83	100		
55	85.5	65.6	98.4
98	40.3	36.7	55.1

Manual Integrations  
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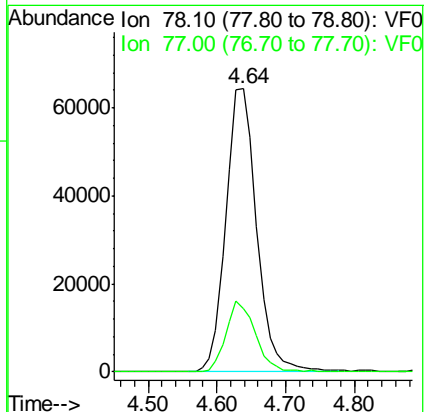
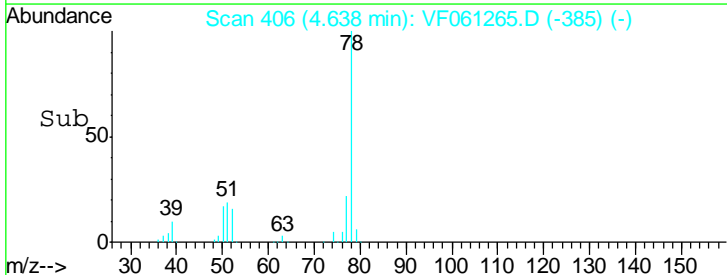


#40  
 Benzene  
 Concen: 20.736 ug/l  
 RT: 4.64 min Scan# 406  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

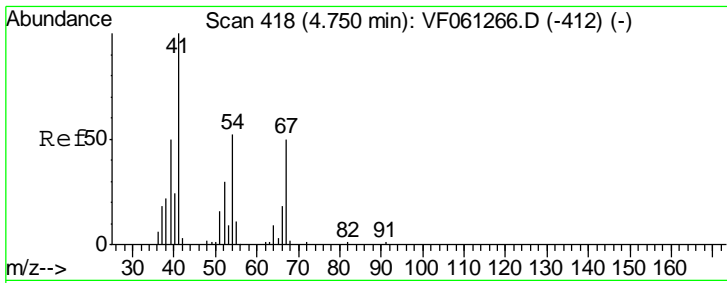


Tgt Ion: 78 Resp: 199992

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.0	27.0







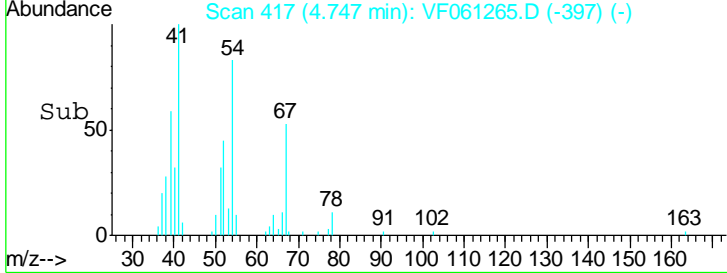
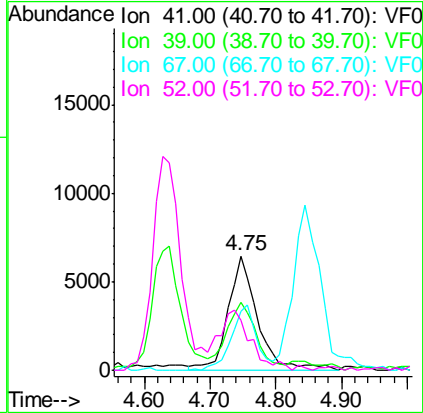
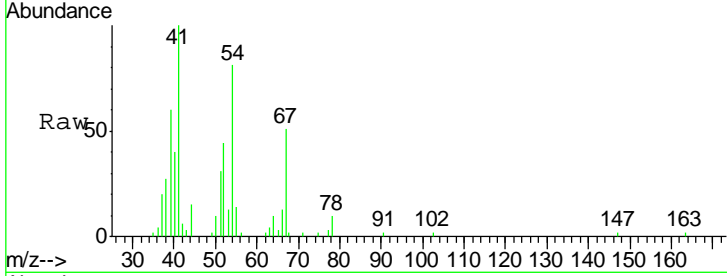
#41  
 Methacrylonitrile  
 Concen: 22.023 ug/l  
 RT: 4.75 min Scan# 417  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
41	100		
39	59.7	44.6	66.8
67	51.3	39.3	58.9
52	44.0	35.3	52.9

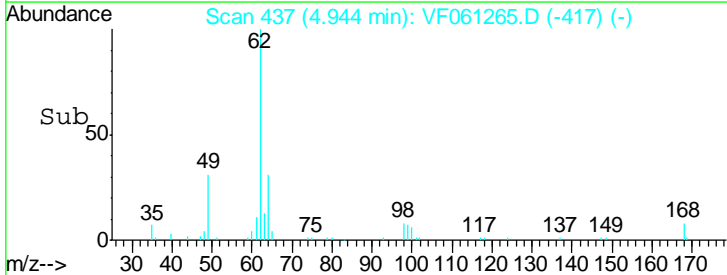
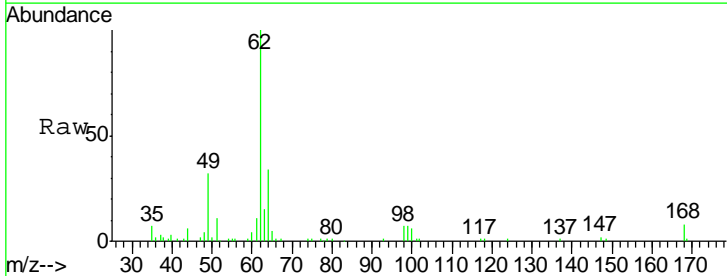
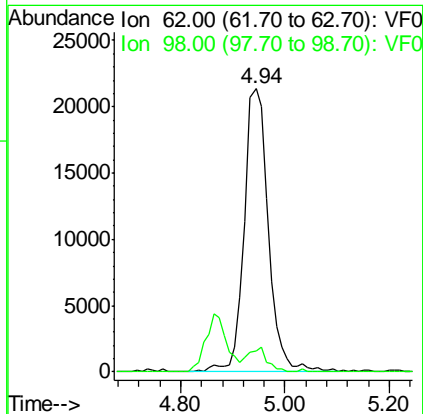
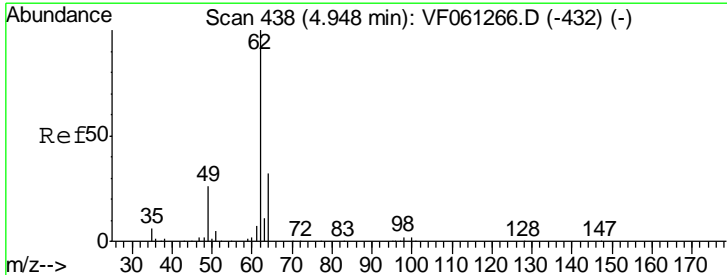
**Manual Integrations**  
**APPROVED**

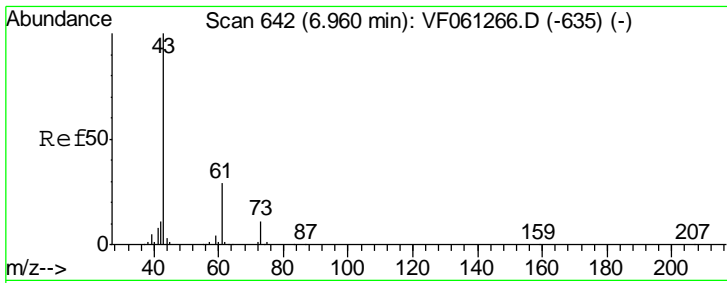
apatel  
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#42  
 1,2-Dichloroethane  
 Concen: 18.756 ug/l  
 RT: 4.94 min Scan# 437  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
62	100		
98	7.5	0.0	13.4



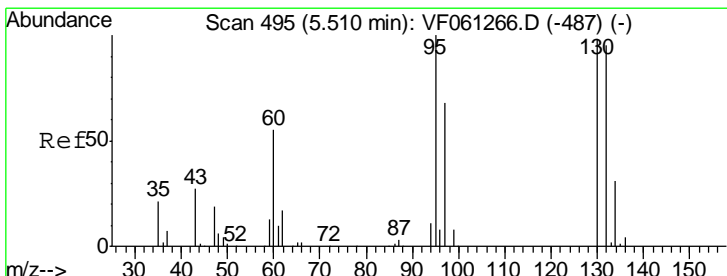
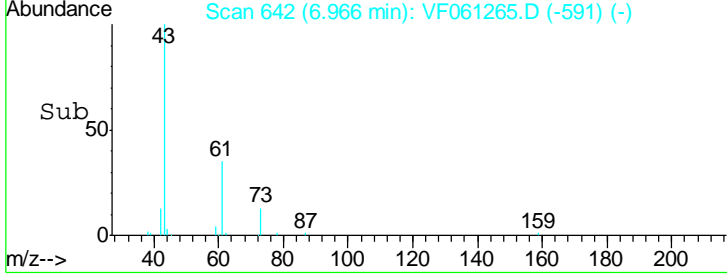
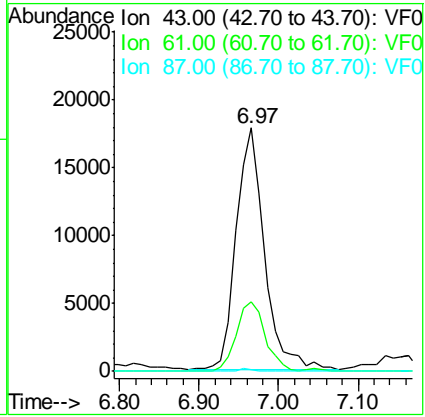
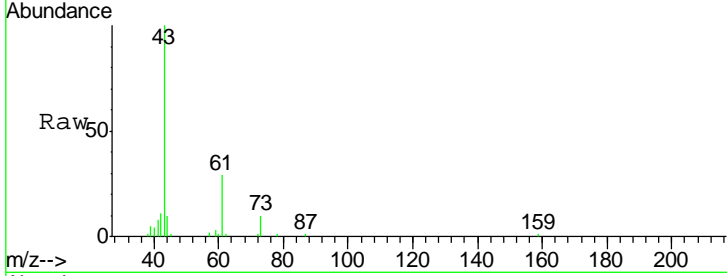


#43  
 Isopropyl Acetate  
 Concen: 20.283 ug/l  
 RT: 6.97 min Scan# 642  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

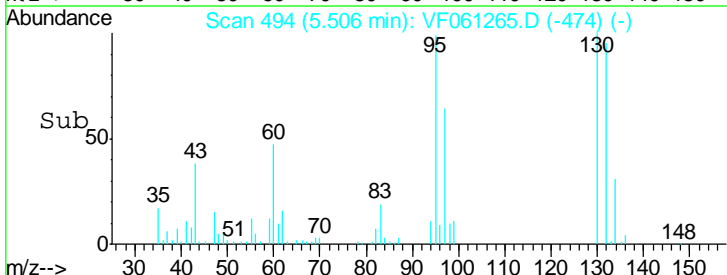
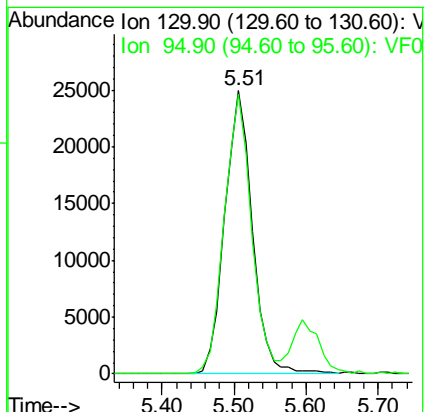
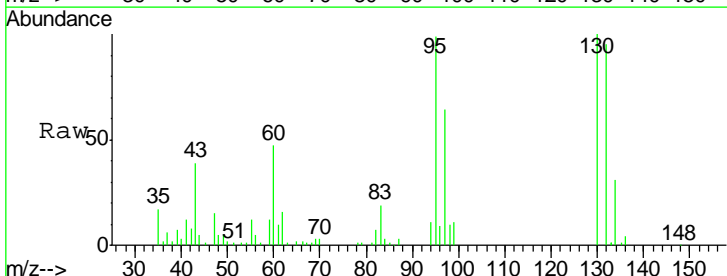
Tgt Ion	Resp	Lower	Upper
43	100		
61	28.6	23.4	35.2
87	0.8	0.3	0.5#

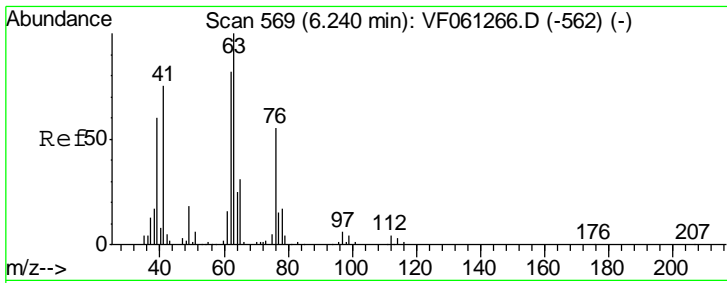
Manual Integrations  
**APPROVED**  
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#44  
 Trichloroethene  
 Concen: 22.107 ug/l  
 RT: 5.51 min Scan# 494  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

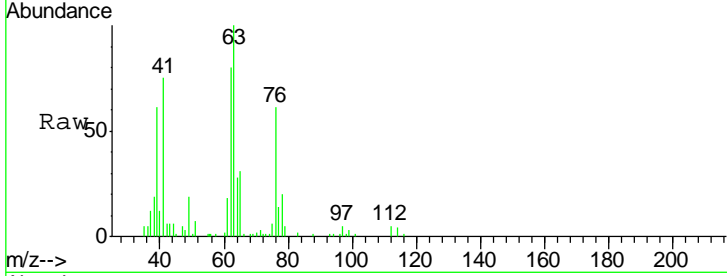
Tgt Ion	Resp	Lower	Upper
130	100		
95	98.9	0.0	204.0





#45  
 1,2-Dichloropropane  
 Concen: 18.540 ug/l  
 RT: 6.24 min Scan# 568  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

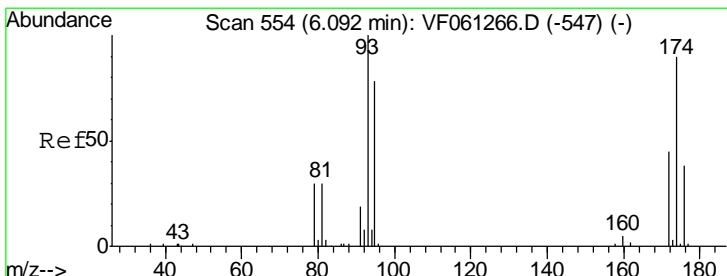
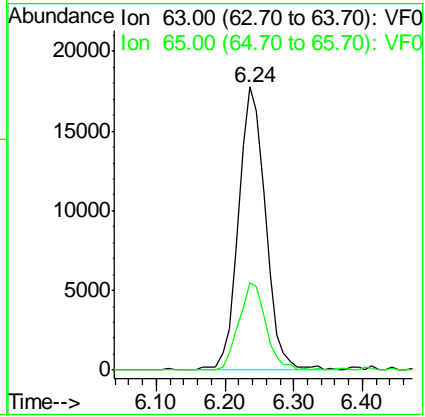
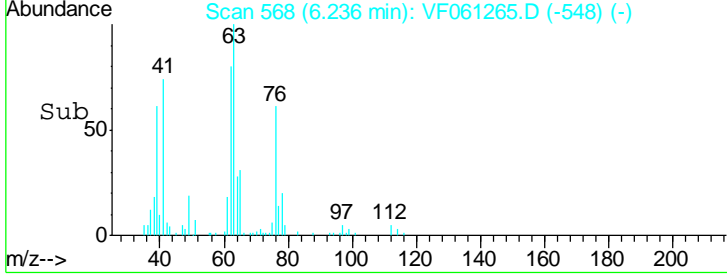
**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020



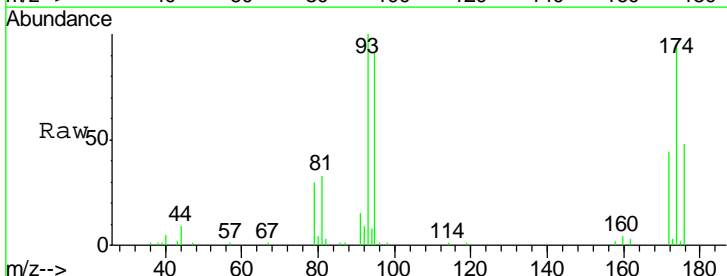
Tgt Ion: 63 Resp: 48360

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.4	36.6

**Manual Integrations**  
**APPROVED**  
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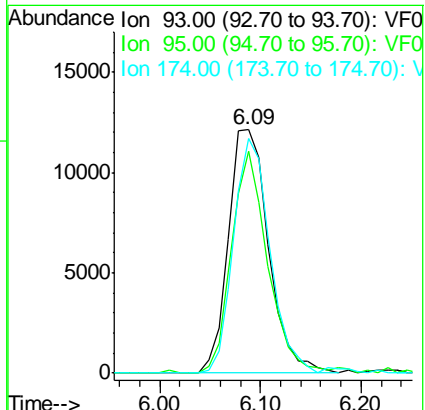
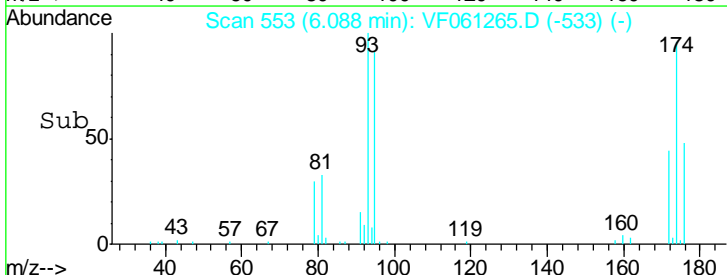


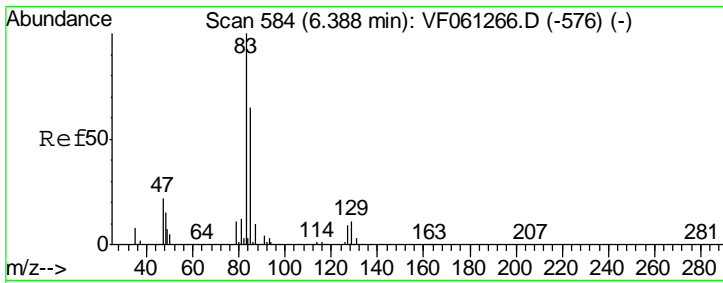
#46  
 Dibromomethane  
 Concen: 20.261 ug/l  
 RT: 6.09 min Scan# 553  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17



Tgt Ion: 93 Resp: 33758

Ion	Ratio	Lower	Upper
93	100		
95	91.3	62.4	93.6
174	96.1	71.9	107.9





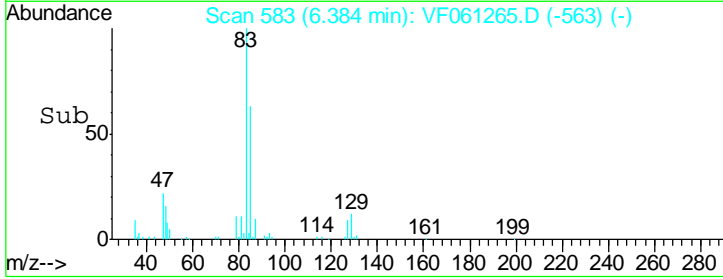
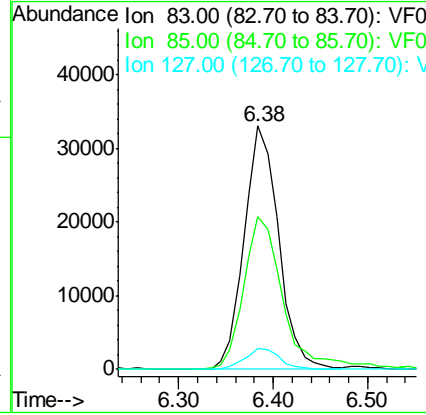
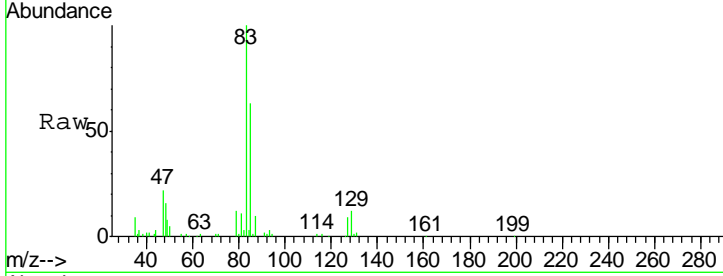
#47  
 Bromodichloromethane  
 Concen: 19.452 ug/l  
 RT: 6.38 min Scan# 583  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
83	83893		
85	62.7	52.1	78.1
127	8.8	7.1	10.7

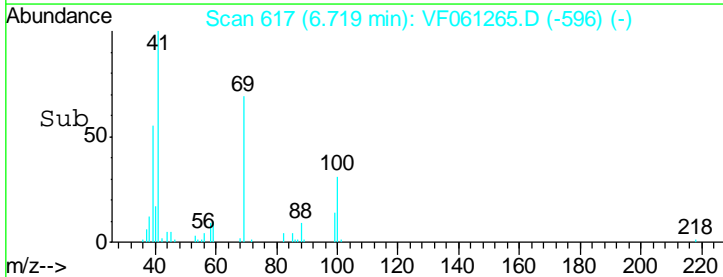
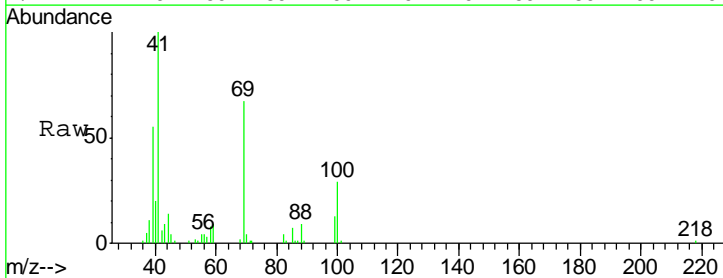
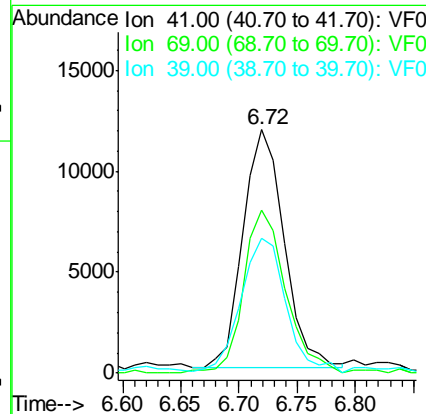
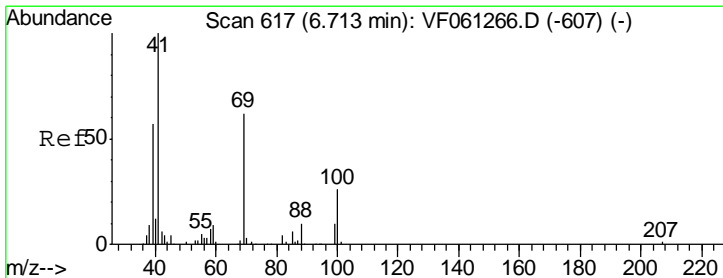
Manual Integrations  
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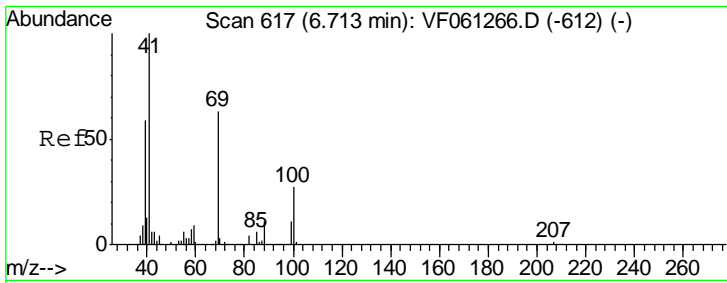
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#48  
 Methyl methacrylate  
 Concen: 19.314 ug/l  
 RT: 6.72 min Scan# 617  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
41	28940		
69	66.7	49.8	74.8
39	55.3	46.4	69.6





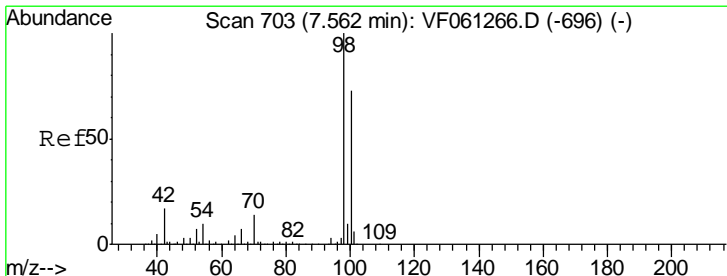
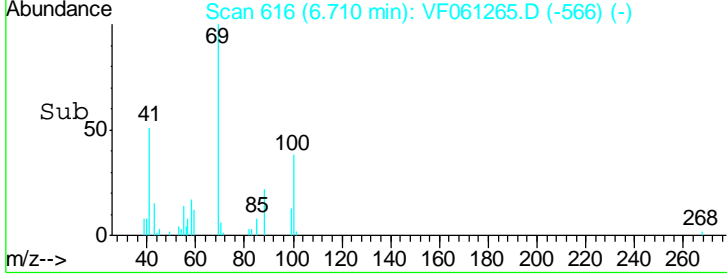
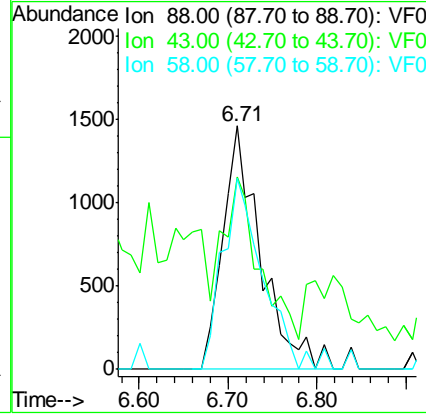
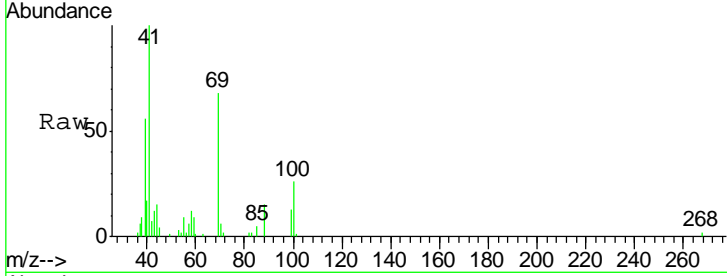
#49  
 1,4-Dioxane  
 Concen: 405.450 ug/l  
 RT: 6.71 min Scan# 616  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
88	100		
43	79.2	55.2	82.8
58	78.5	50.9	76.3

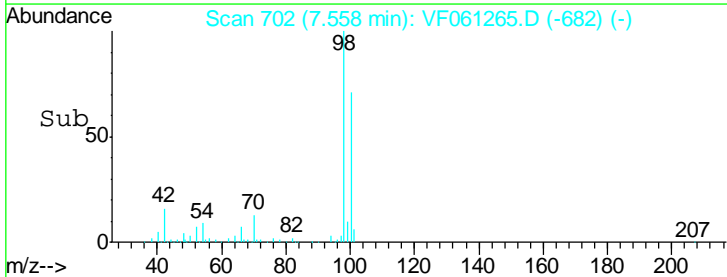
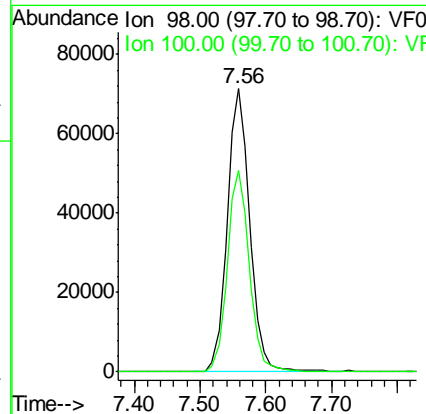
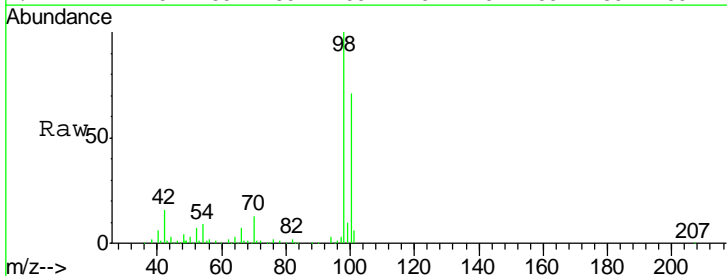
**Manual Integrations**  
**APPROVED**

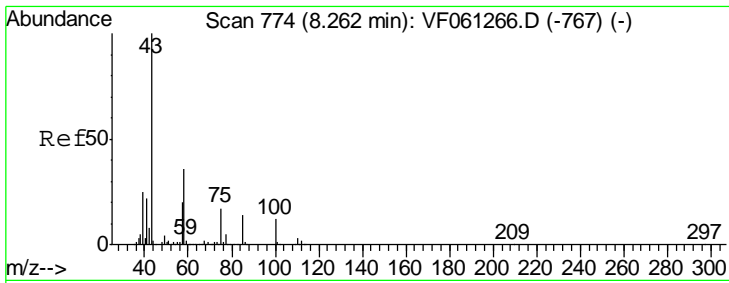
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#50  
 Toluene-d8  
 Concen: 20.342 ug/l  
 RT: 7.56 min Scan# 702  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.2	58.1	87.1



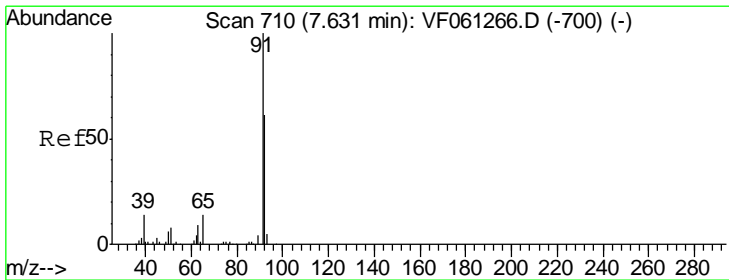
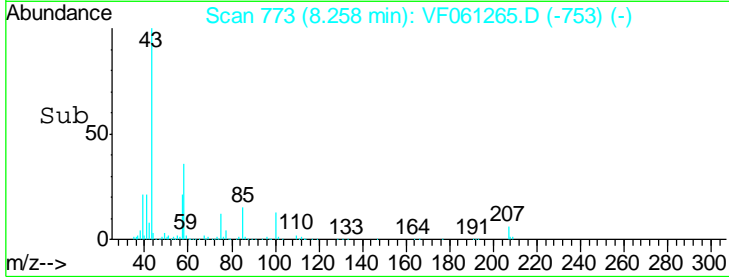
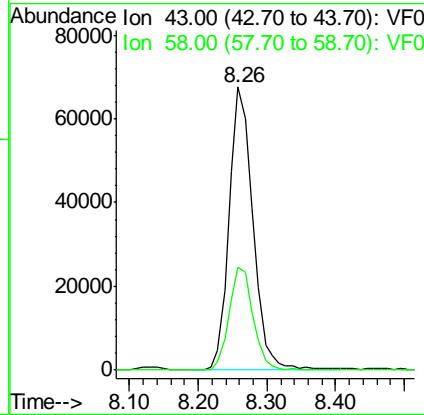
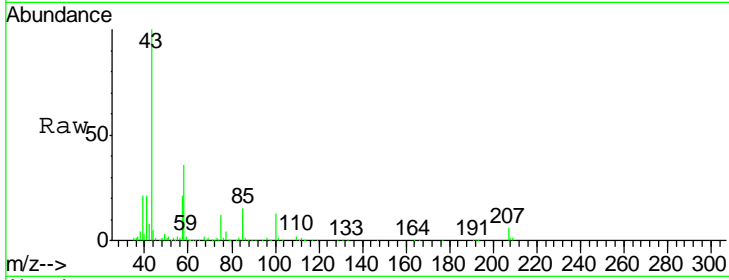


#51  
 4-Methyl-2-Pentanone  
 Concen: 110.785 ug/l  
 RT: 8.26 min Scan# 773  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument :  
 MSVOA\_F  
 ClientSampled :  
 VSTDIC020

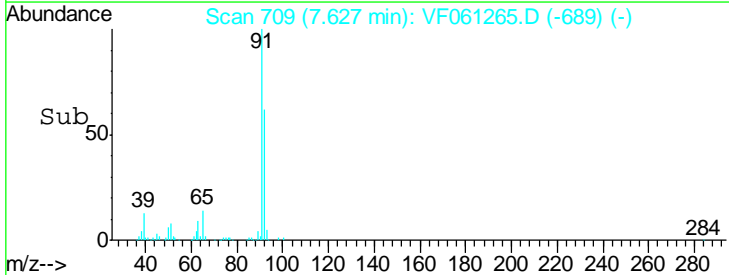
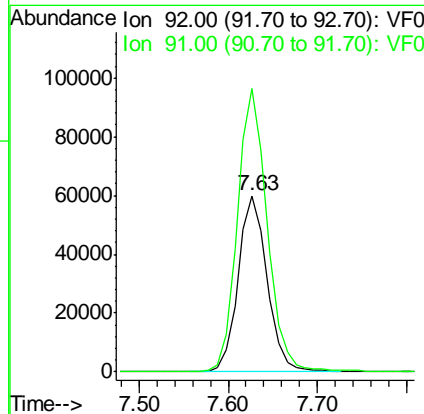
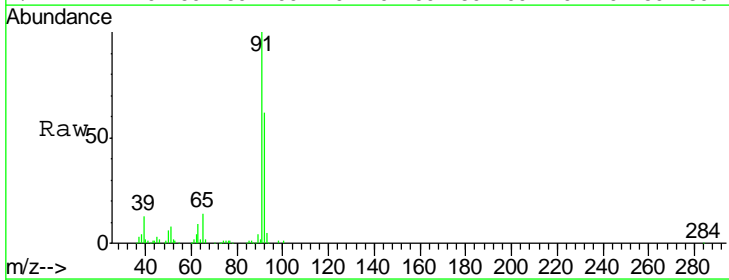
Tgt Ion	Resp	Lower	Upper
43	100		
58	36.1	29.1	43.7

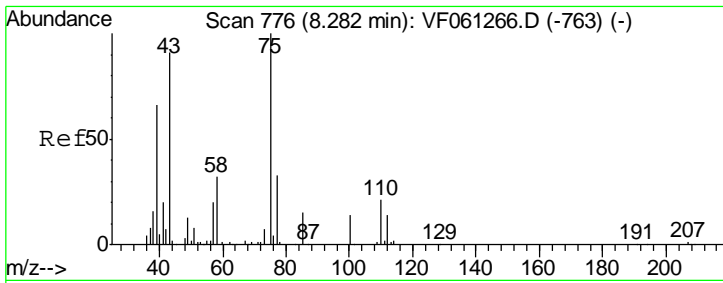
Manual Integrations  
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#52  
 Toluene  
 Concen: 21.336 ug/l  
 RT: 7.63 min Scan# 709  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
92	100		
91	160.9	130.5	195.7





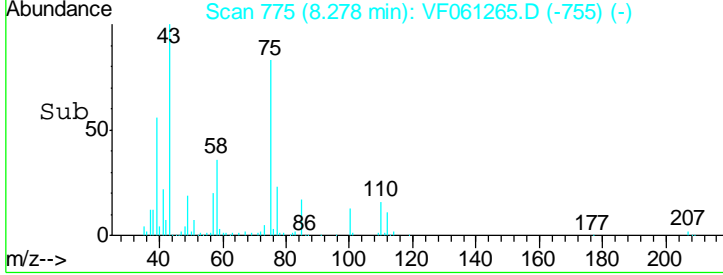
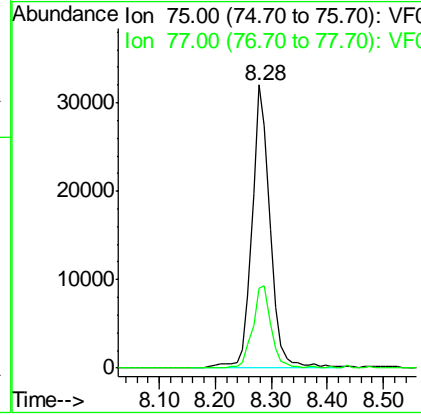
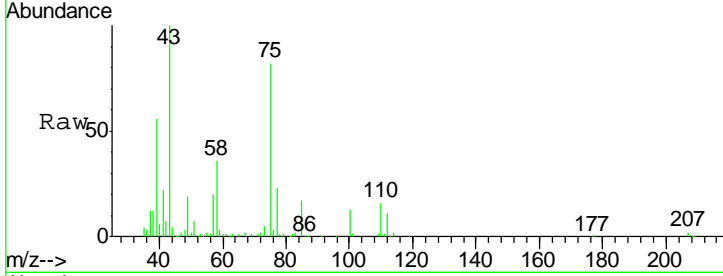
#53  
 t-1,3-Dichloropropene  
 Concen: 20.499 ug/l  
 RT: 8.28 min Scan# 775  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020

Tgt Ion	Resp	Lower	Upper
75	72053		
75	100		
77	28.1	26.8	40.2

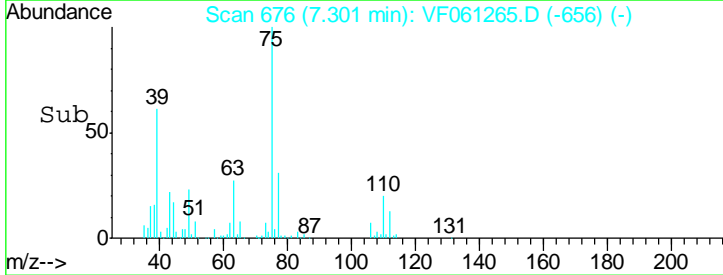
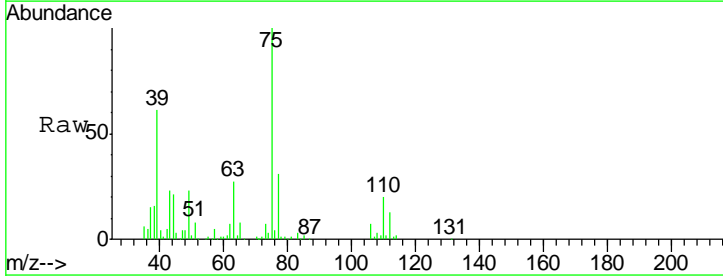
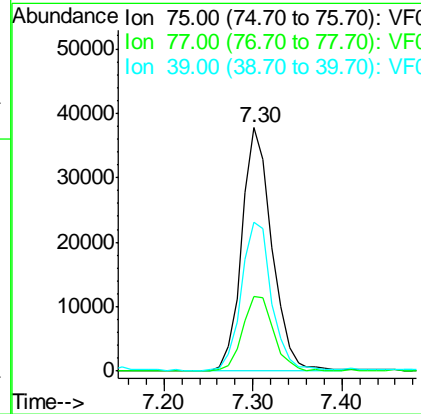
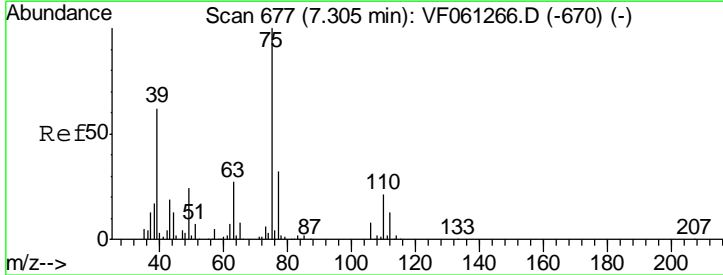
**Manual Integrations**  
**APPROVED**

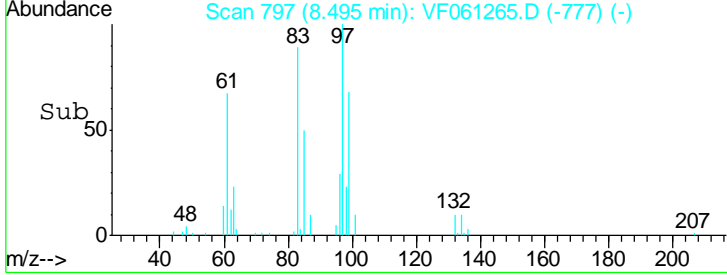
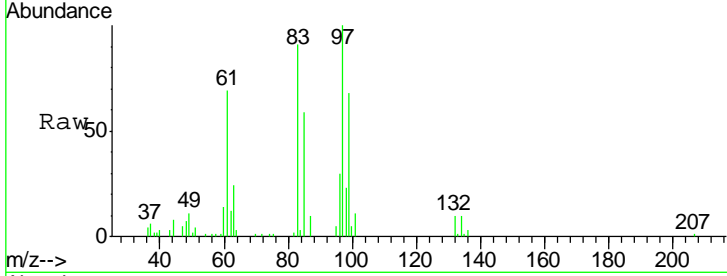
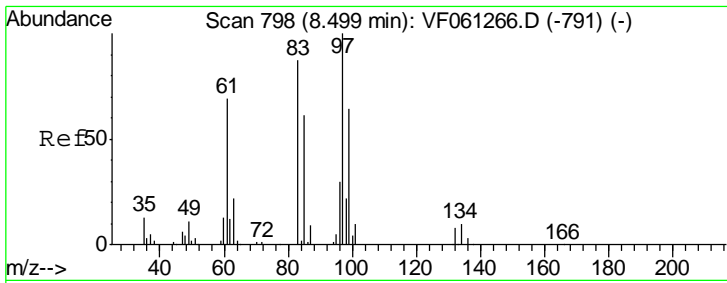
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#54  
 cis-1,3-Dichloropropene  
 Concen: 20.147 ug/l  
 RT: 7.30 min Scan# 676  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
75	89030		
75	100		
77	30.7	25.4	38.2
39	61.2	49.5	74.3



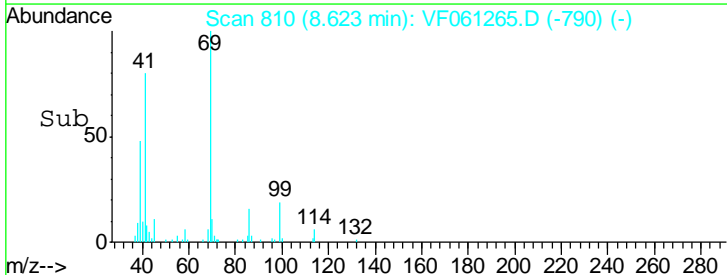
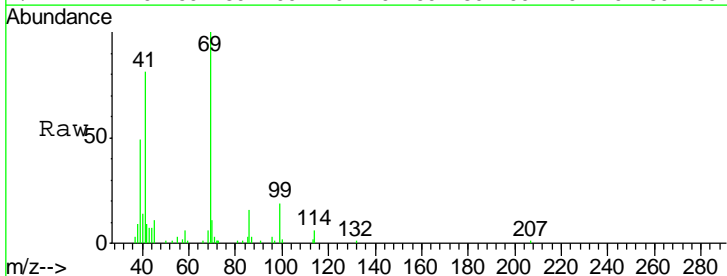
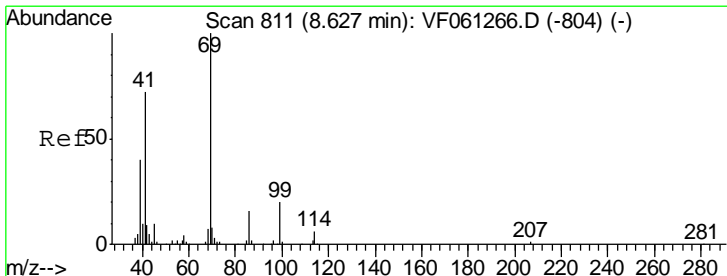
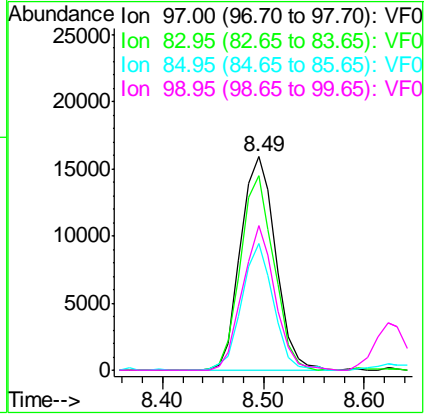


#55  
 1,1,2-Trichloroethane  
 Concen: 20.340 ug/l  
 RT: 8.49 min Scan# 797  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
97	100		
83	90.8	69.7	104.5
85	59.3	49.1	73.7
99	67.5	51.3	76.9

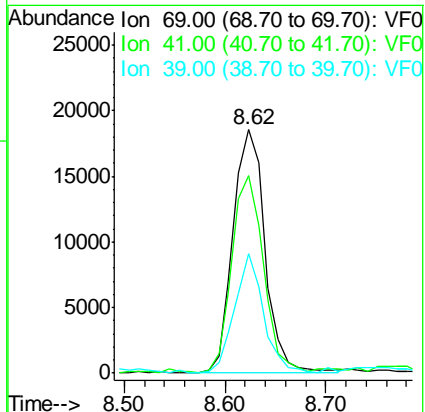
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Manual Integrations  
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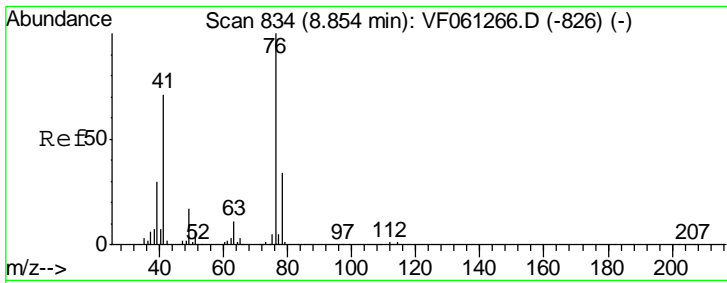


#56  
 Ethyl methacrylate  
 Concen: 20.151 ug/l  
 RT: 8.62 min Scan# 810  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
69	100		
41	81.3	58.1	87.1
39	49.1	32.6	49.0#





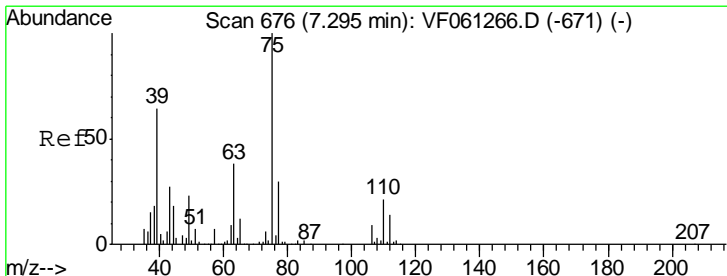
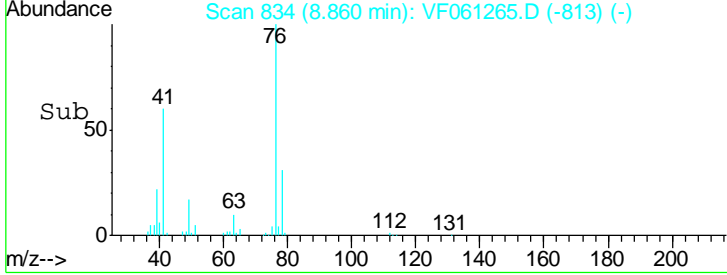
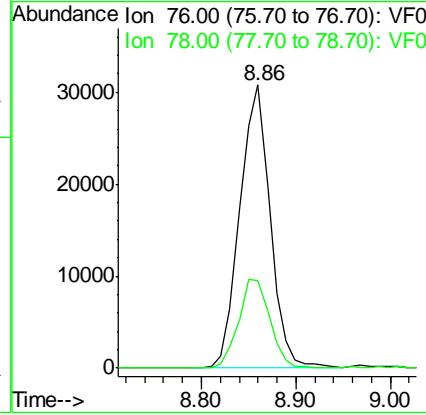
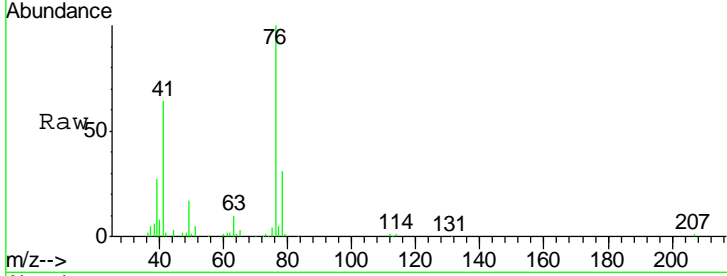


#57  
 1,3-Dichloropropane  
 Concen: 19.945 ug/l  
 RT: 8.86 min Scan# 834  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
76	68489		
76	100		
78	30.7	26.8	40.2

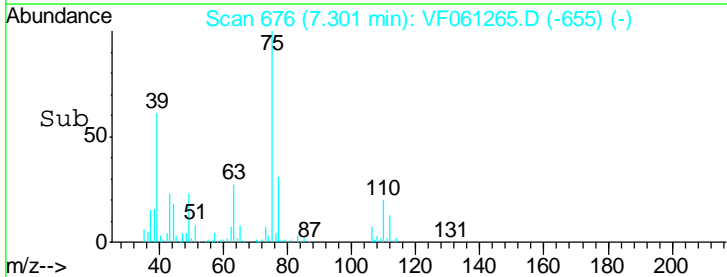
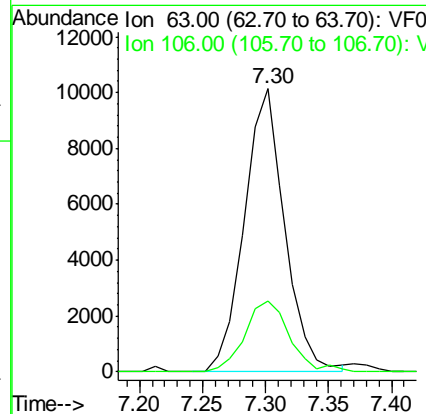
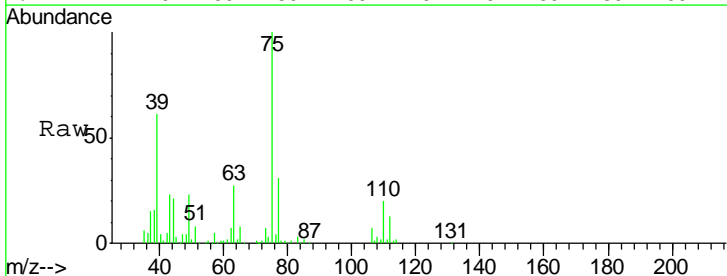
**Instrument :**  
 MSVOA\_F  
**ClientSampled :**  
 VSTDIC020

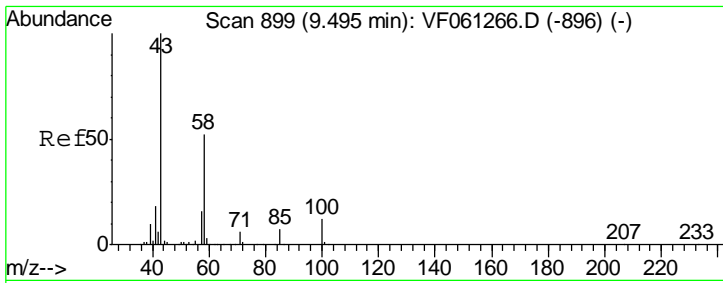
**Manual Integrations**  
**APPROVED**  
 apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 60.448 ug/l  
 RT: 7.30 min Scan# 676  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
63	22541		
63	100		
106	25.2	19.2	28.8





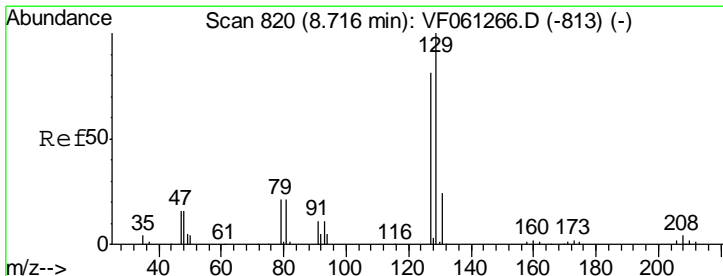
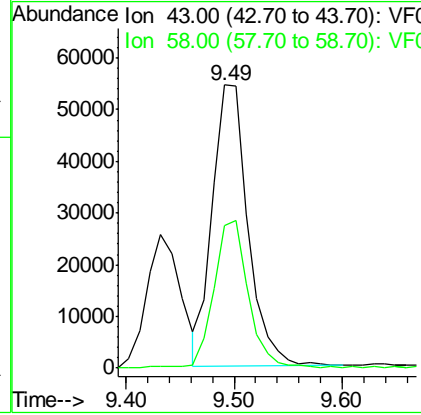
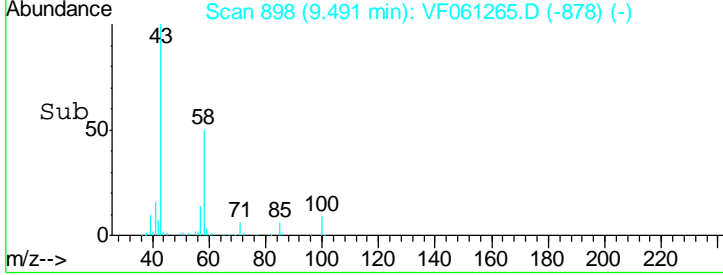
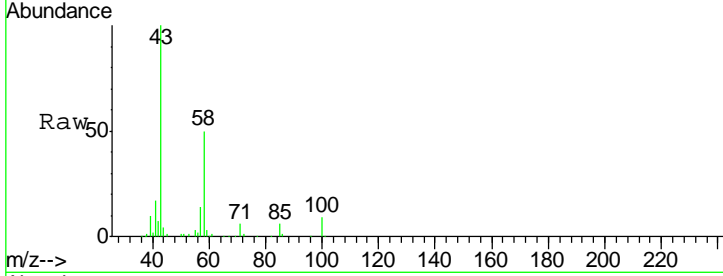
#59  
 2-Hexanone  
 Concen: 117.992 ug/l  
 RT: 9.49 min Scan# 898  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
43	124571		
58	50.2	24.4	73.4

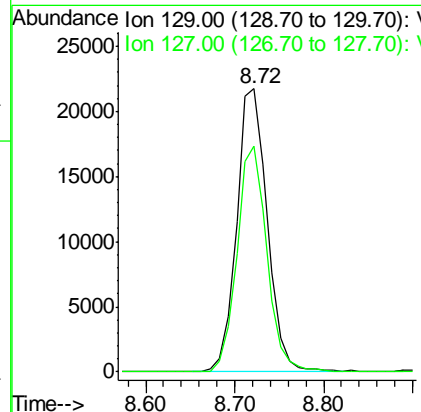
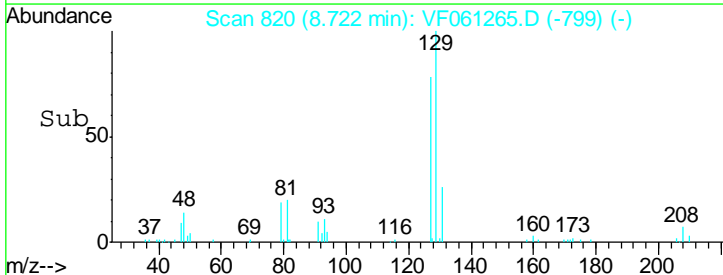
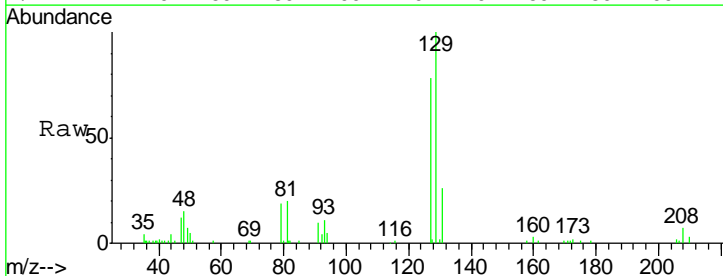
Manual Integrations  
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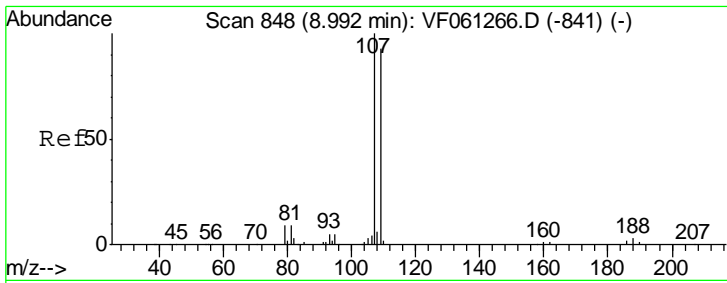
apatel  
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#60  
 Dibromochloromethane  
 Concen: 19.494 ug/l  
 RT: 8.72 min Scan# 820  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
129	52122		
127	80.0	40.7	122.1



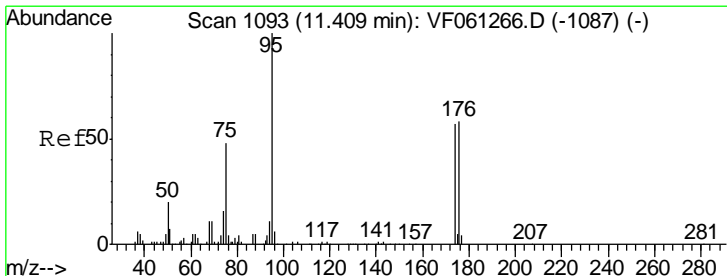
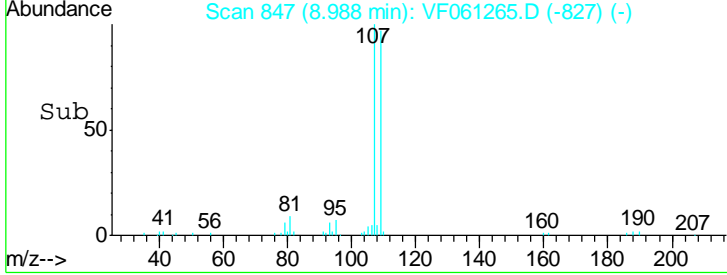
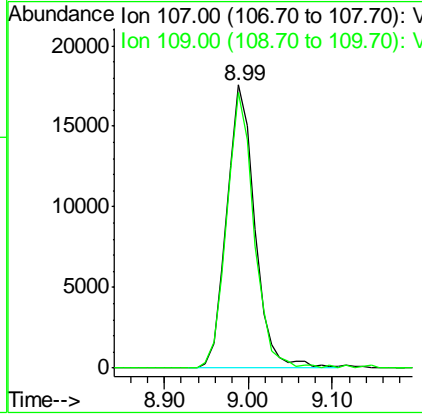
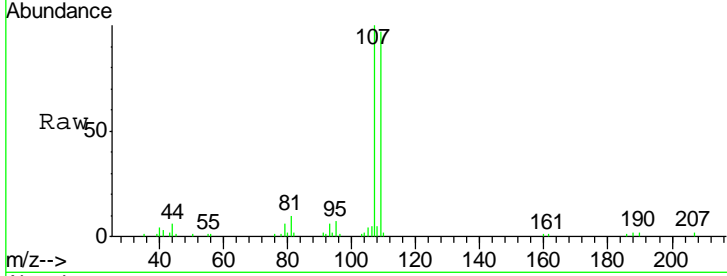


#61  
 1,2-Dibromoethane  
 Concen: 20.272 ug/l  
 RT: 8.99 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

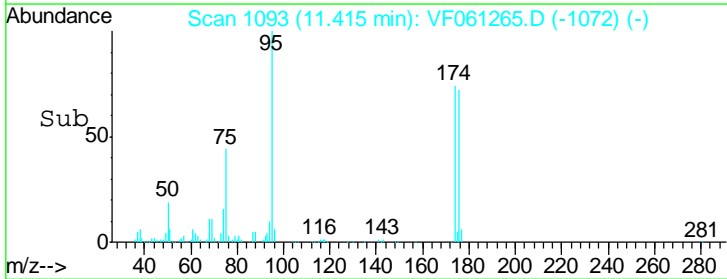
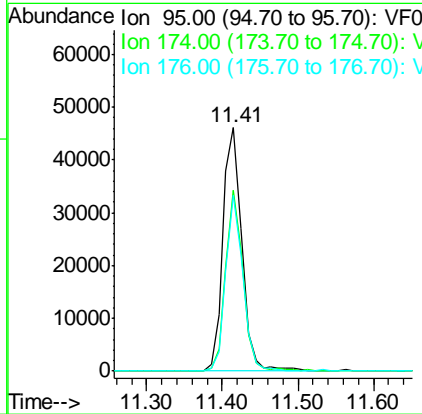
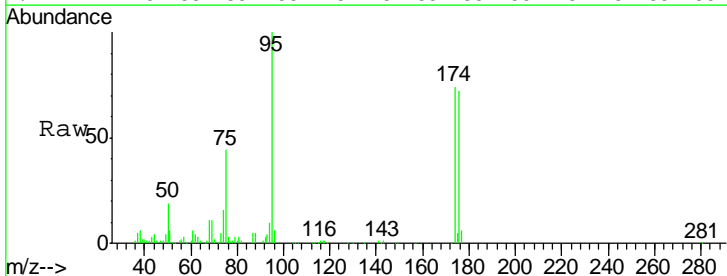
Tgt Ion	Resp	Lower	Upper
107	40840		
107	100		
109	97.4	74.2	111.4

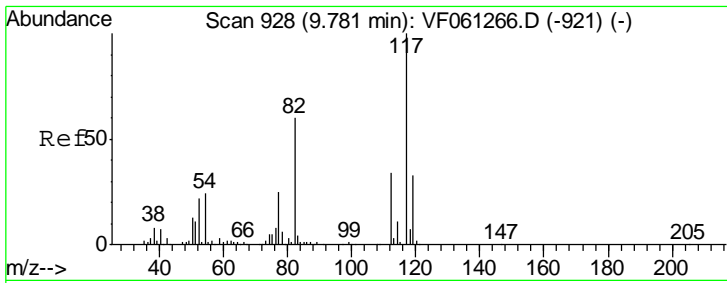
Manual Integrations  
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#62  
 4-Bromofluorobenzene  
 Concen: 21.011 ug/l  
 RT: 11.41 min Scan# 1093  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
95	80806		
95	100		
174	74.2	0.0	113.2
176	72.1	0.0	115.6





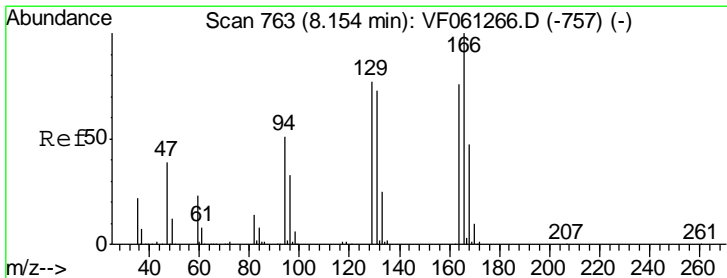
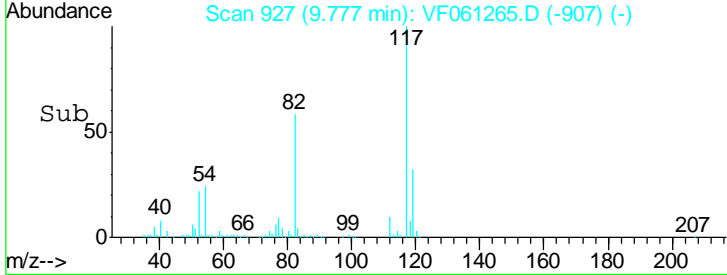
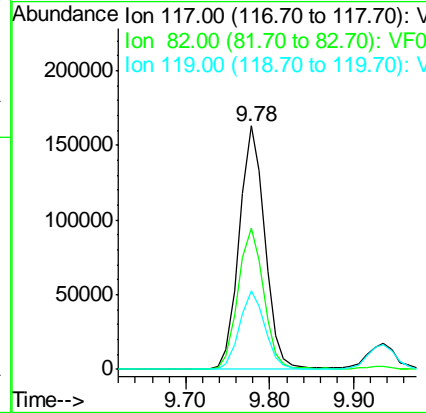
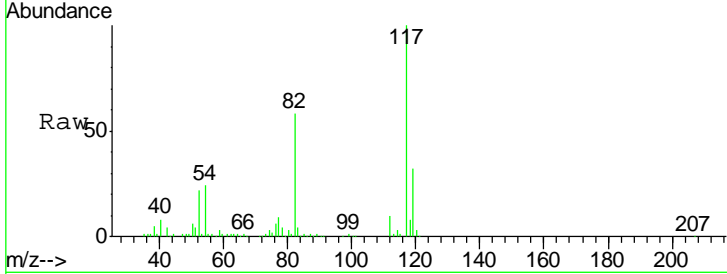
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 9.78 min Scan# 927  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
117	100		
82	58.0	47.8	71.6
119	32.3	26.1	39.1

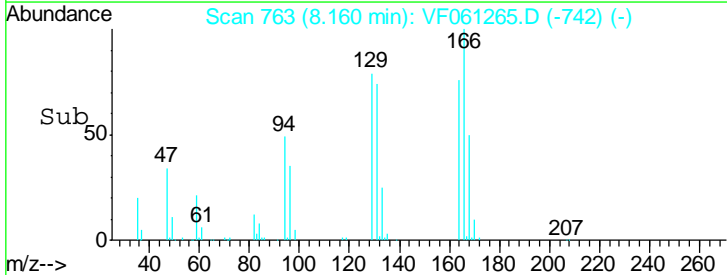
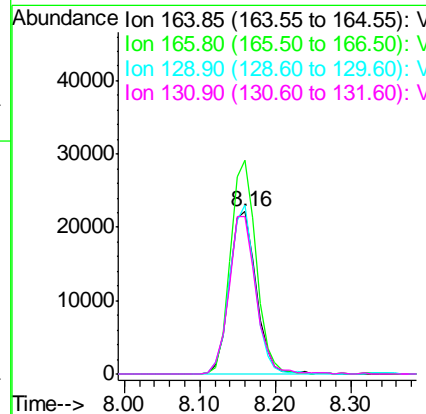
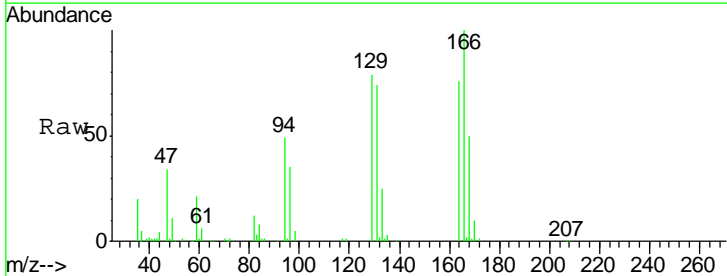
Manual Integrations  
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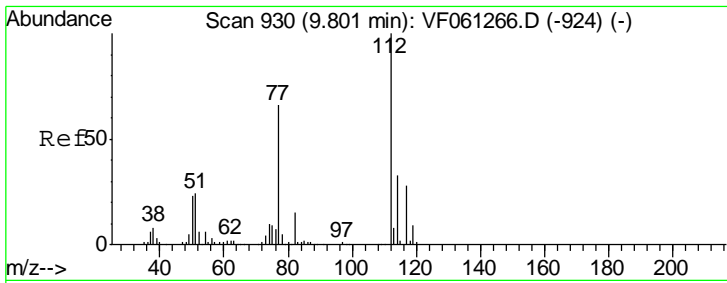
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#64  
 Tetrachloroethene  
 Concen: 20.124 ug/l  
 RT: 8.16 min Scan# 763  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
164	100		
166	131.7	105.1	157.7
129	104.1	81.0	121.6
131	97.3	77.1	115.7





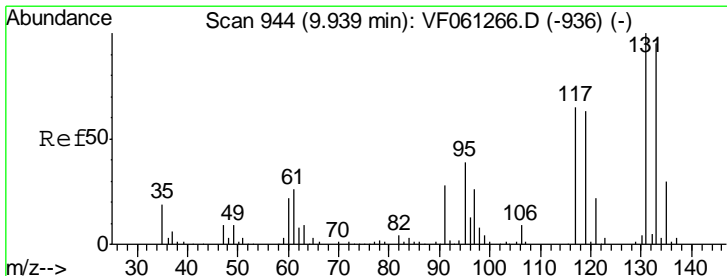
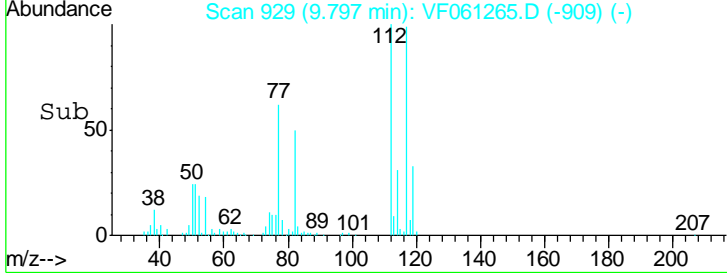
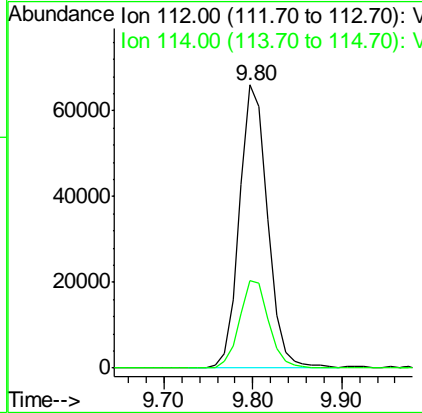
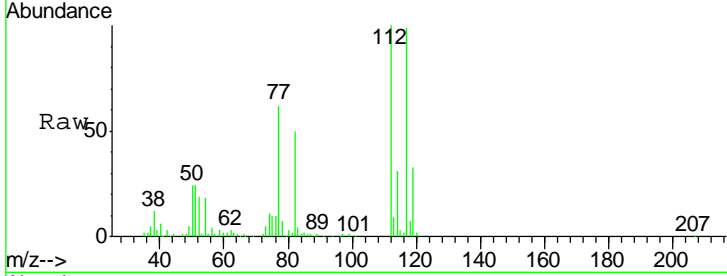
#65  
 Chlorobenzene  
 Concen: 19.978 ug/l  
 RT: 9.80 min Scan# 929  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
112	100		
114	31.0	26.4	39.6

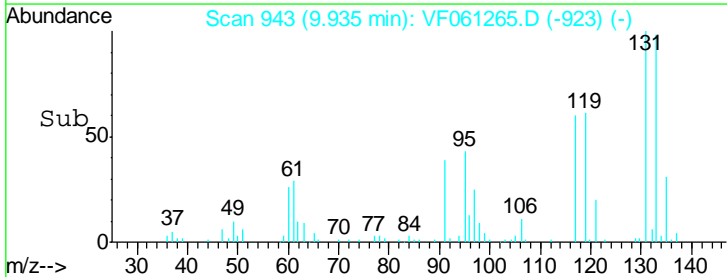
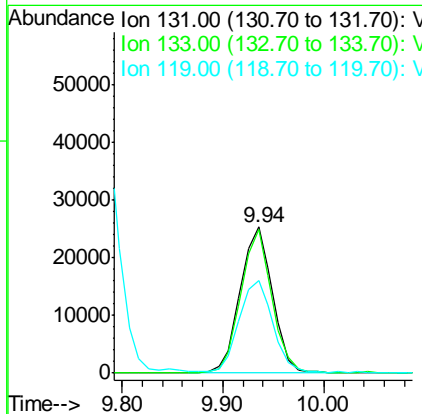
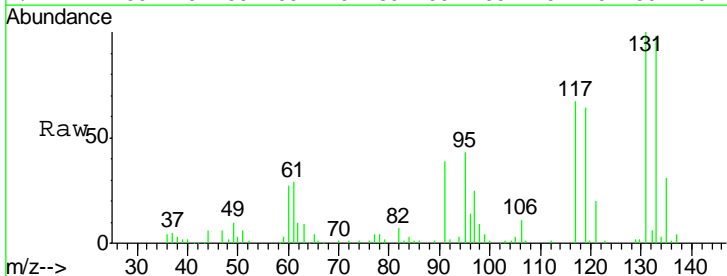
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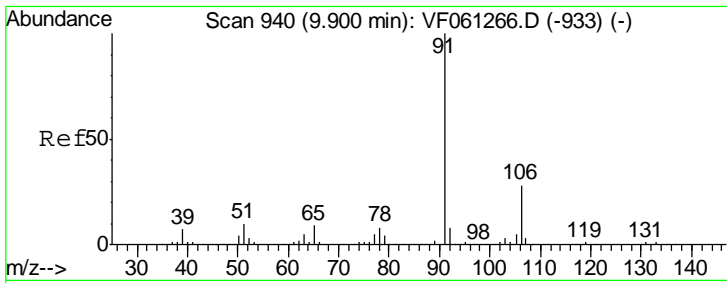
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.145 ug/l  
 RT: 9.94 min Scan# 943  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
131	100		
133	98.3	47.5	142.5
119	63.7	32.2	96.6



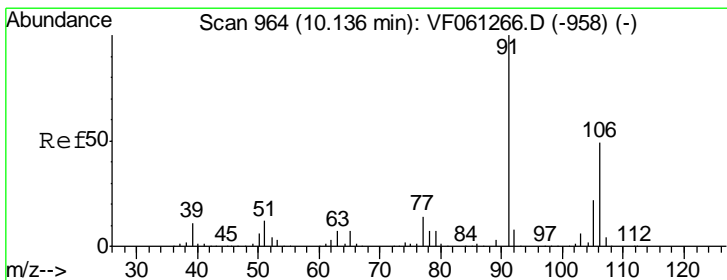
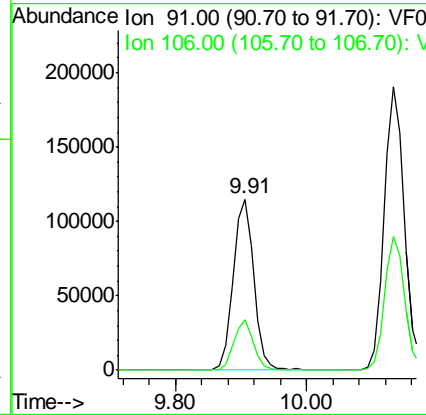
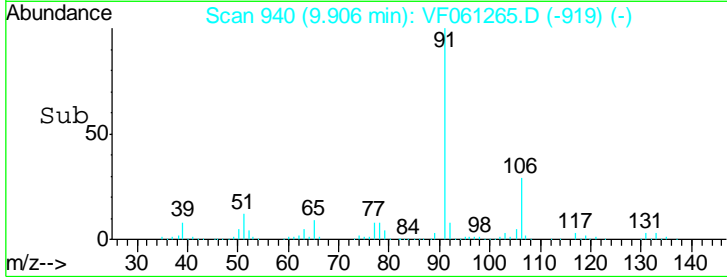
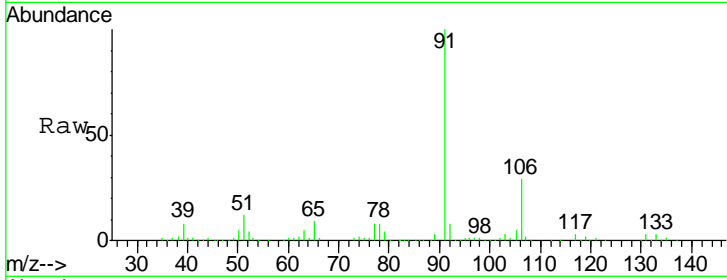


#67  
 Ethyl Benzene  
 Concen: 19.126 ug/l  
 RT: 9.91 min Scan# 940  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion: 91 Resp: 254396  
 Ion Ratio Lower Upper  
 91 100  
 106 29.3 22.8 34.2

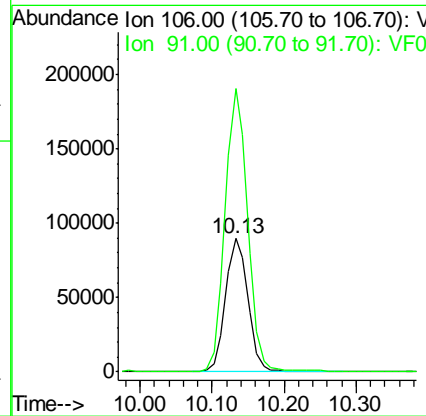
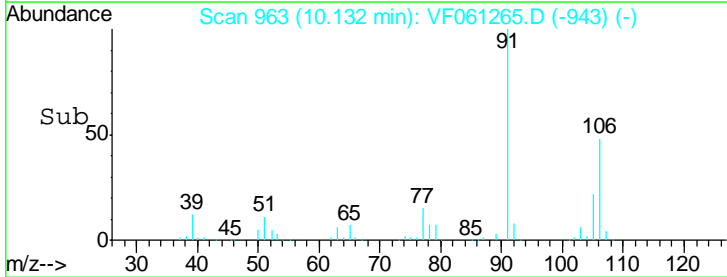
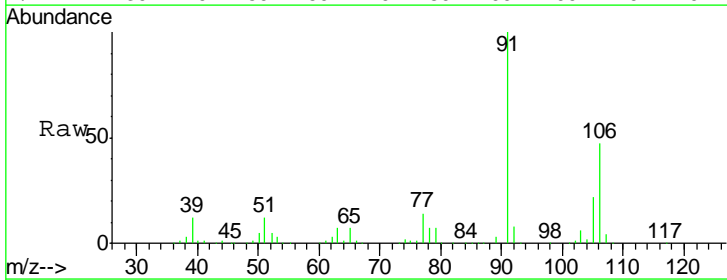
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

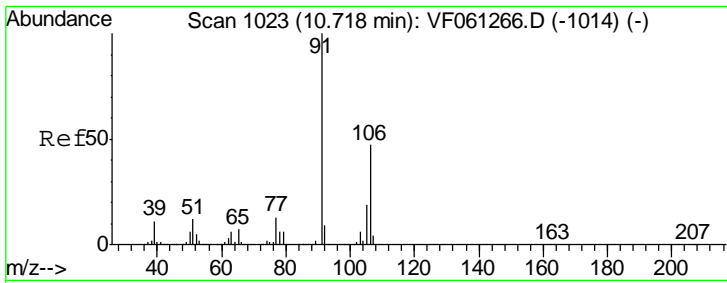
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#68  
 m/p-Xylenes  
 Concen: 41.502 ug/l  
 RT: 10.13 min Scan# 963  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion: 106 Resp: 192977  
 Ion Ratio Lower Upper  
 106 100  
 91 212.3 164.8 247.2





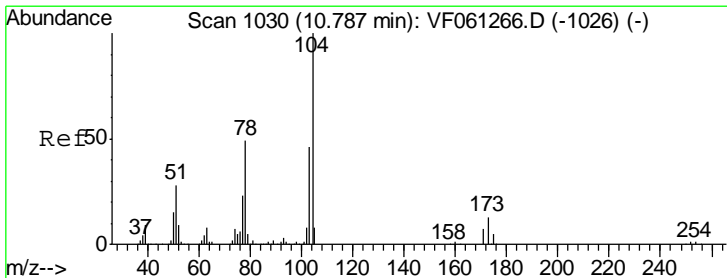
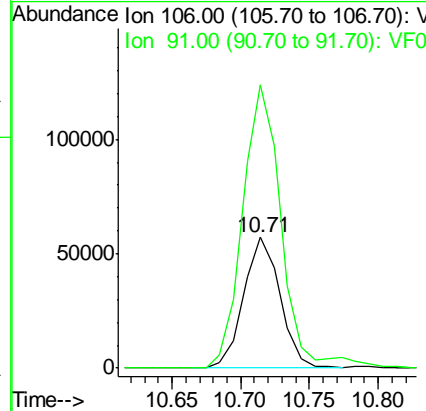
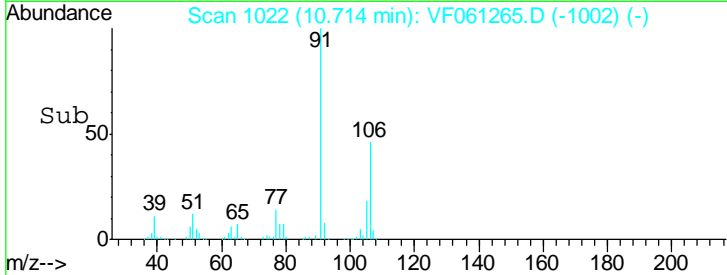
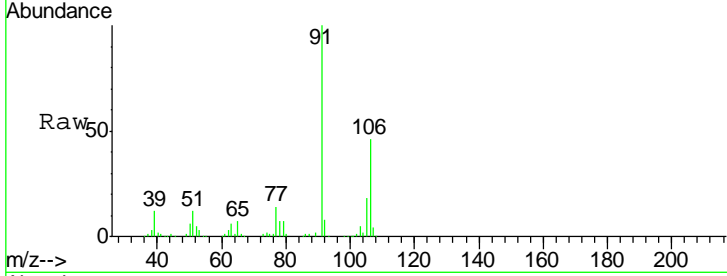
#69  
 o-Xylene  
 Concen: 20.401 ug/l  
 RT: 10.71 min Scan# 1022  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
106	106155		
106	100		
91	216.4	106.2	318.5

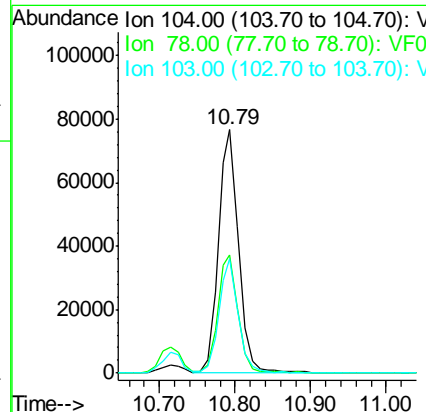
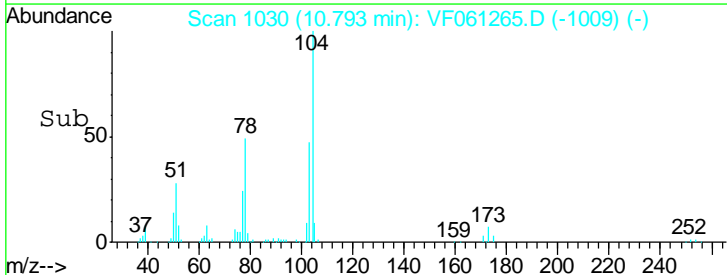
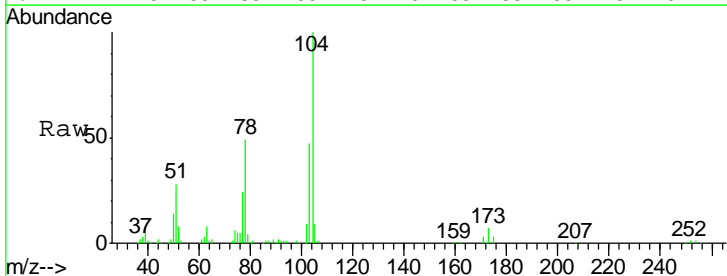
Manual Integrations  
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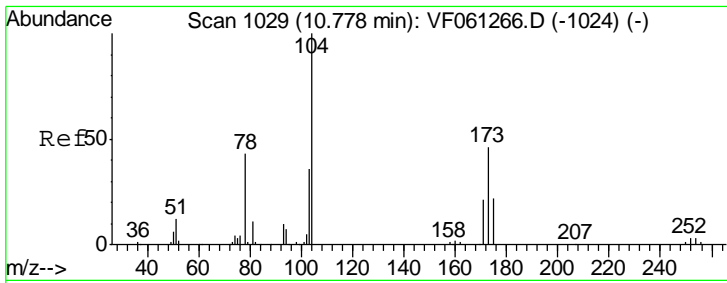
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#70  
 Styrene  
 Concen: 19.952 ug/l  
 RT: 10.79 min Scan# 1030  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

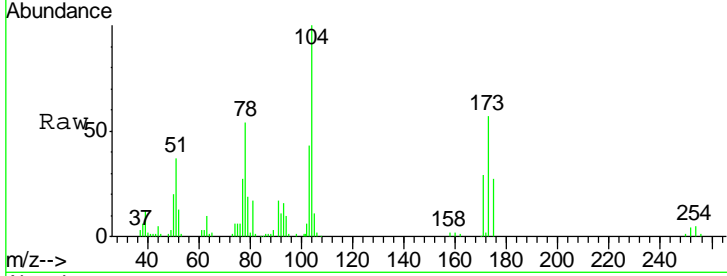
Tgt Ion	Resp	Lower	Upper
104	143508		
104	100		
78	48.8	39.3	58.9
103	47.1	37.3	55.9





#71  
 Bromoform  
 Concen: 20.426 ug/l  
 RT: 10.77 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

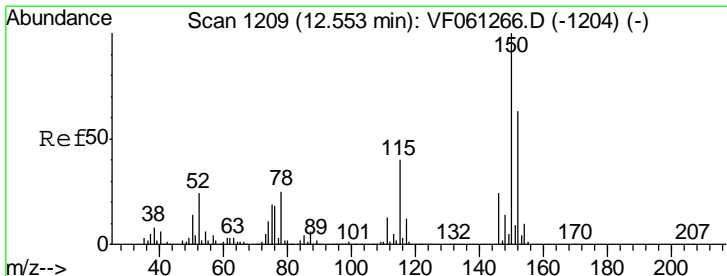
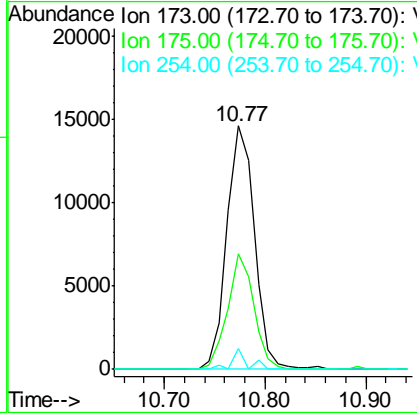
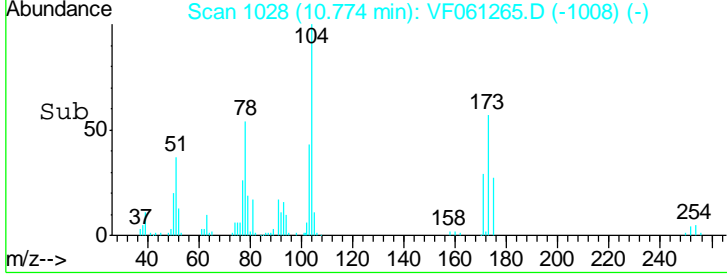
Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020



Tgt Ion	Resp	Lower	Upper
173	27930		
173	100		
175	47.7	24.6	73.6
254	8.8	5.3	7.9#

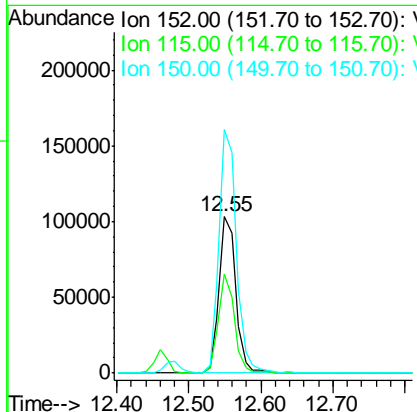
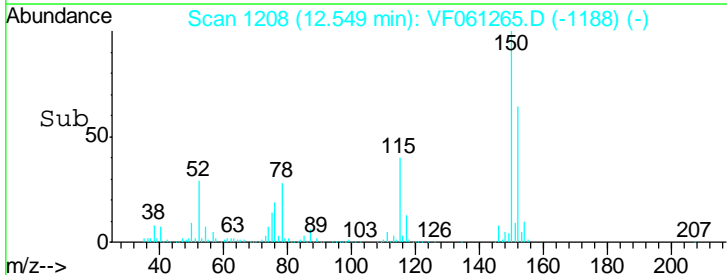
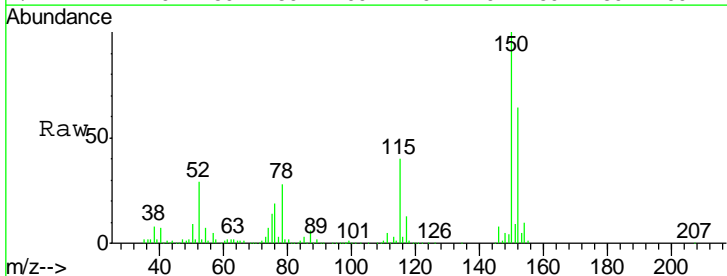
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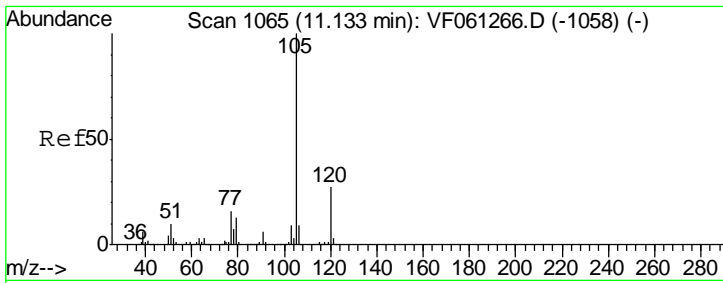


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.55 min Scan# 1208  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
152	165461		
152	100		
115	63.1	31.6	94.7
150	156.1	0.0	320.2





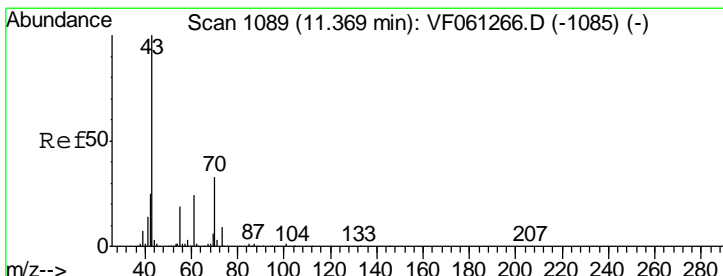
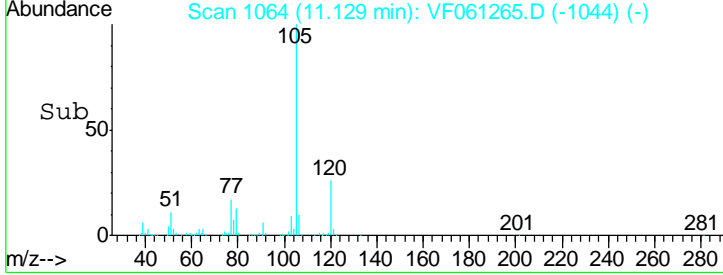
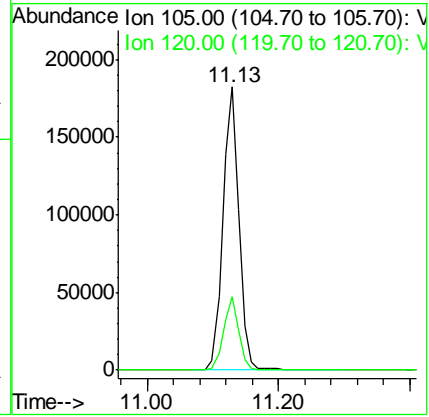
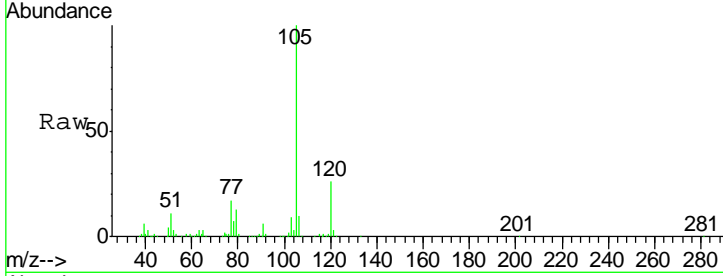


#73  
 Isopropylbenzene  
 Concen: 21.577 ug/l  
 RT: 11.13 min Scan# 1064  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

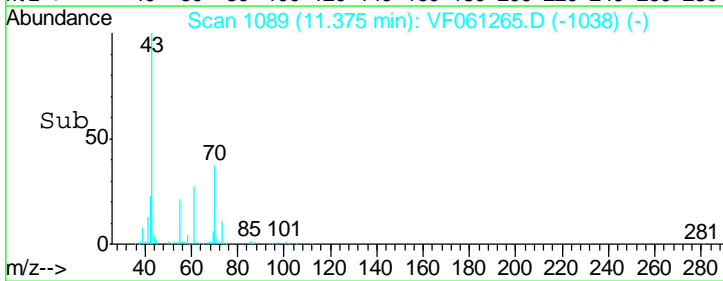
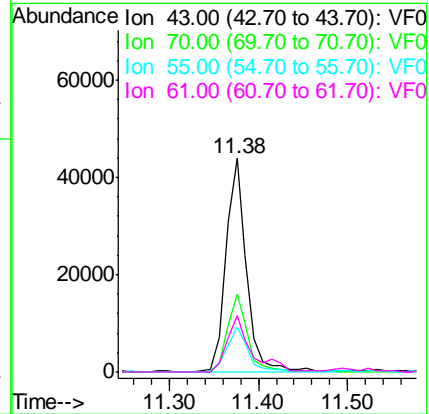
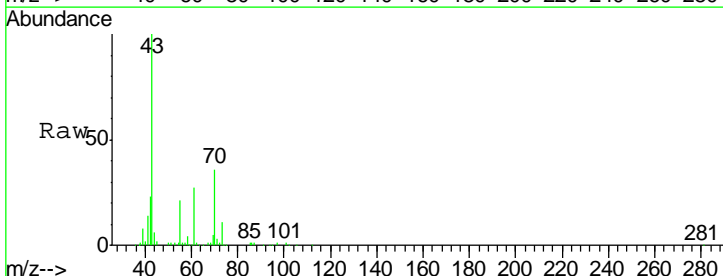
Tgt Ion	Resp	Lower	Upper
105	307915		
105	100		
120	25.9	13.4	40.1

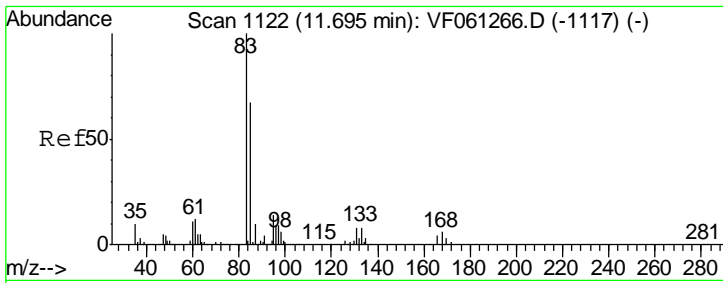
Manual Integrations  
**APPROVED**  
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#74  
 N-nyl acetate  
 Concen: 22.548 ug/l  
 RT: 11.38 min Scan# 1089  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
43	71873		
43	100		
70	36.4	26.7	40.1
55	20.9	15.4	23.0
61	26.5	19.4	29.0



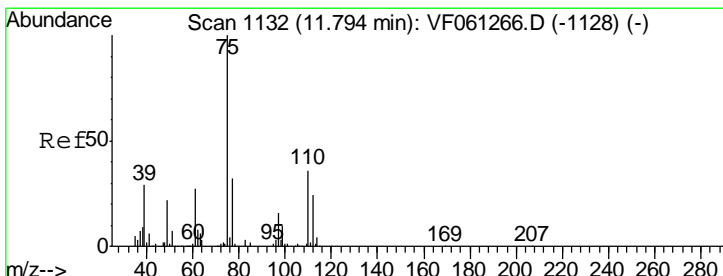
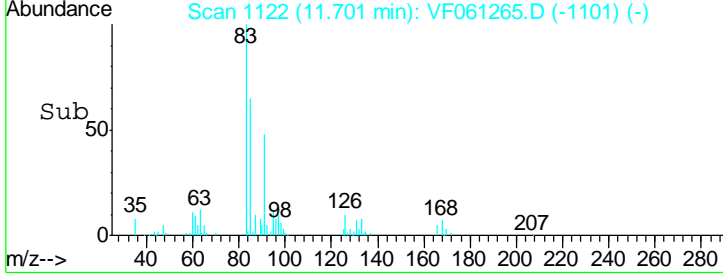
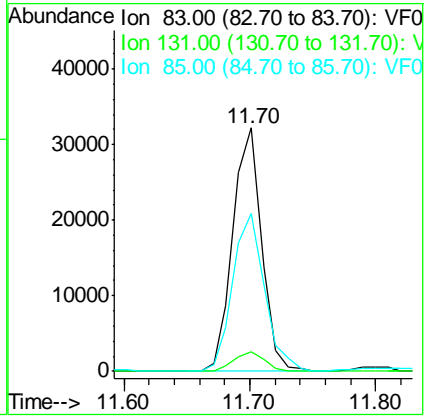
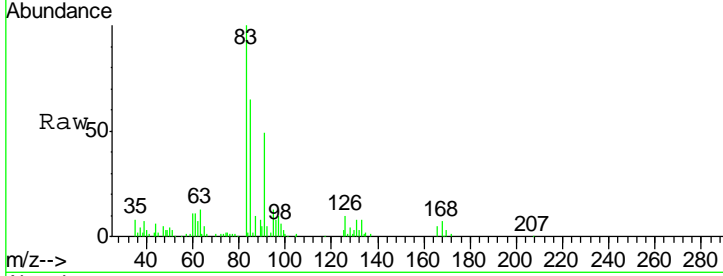


#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.783 ug/l  
 RT: 11.70 min Scan# 1122  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

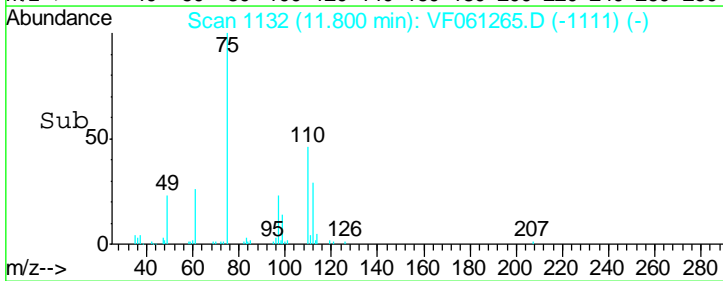
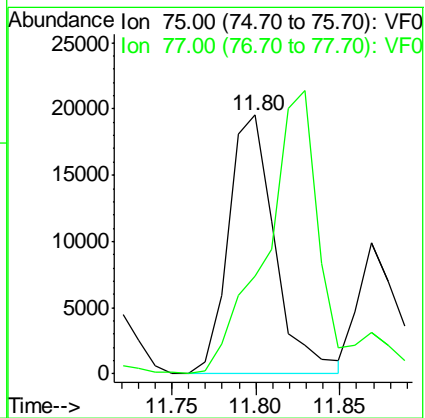
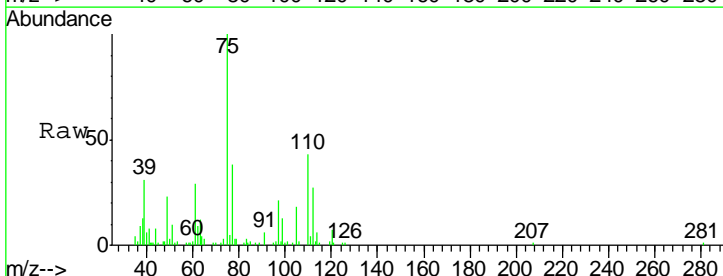
Tgt Ion	Resp	Lower	Upper
83	51016		
83	100		
131	8.2	4.0	12.0
85	65.0	33.6	100.8

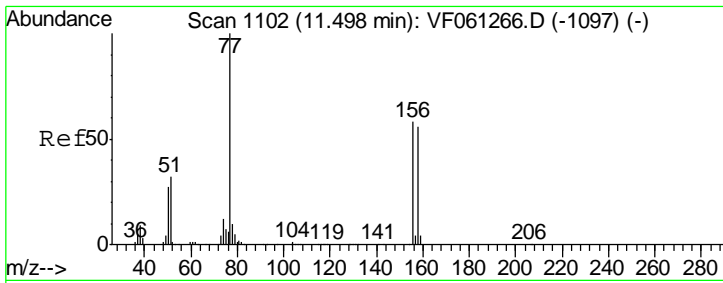
Manual Integrations  
**APPROVED**  
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#76  
 1,2,3-Trichloropropane  
 Concen: 21.508 ug/l  
 RT: 11.80 min Scan# 1132  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
75	37516		
75	100		
77	37.8	15.9	47.7



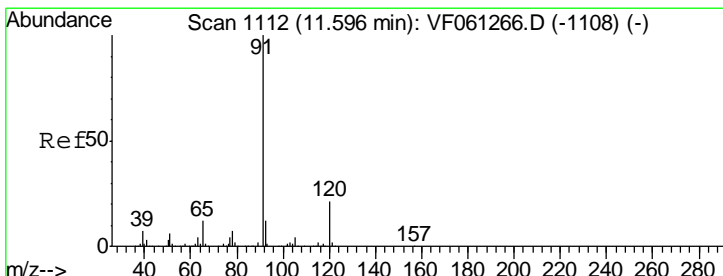
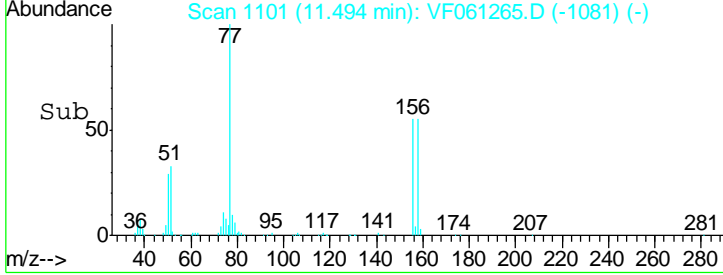
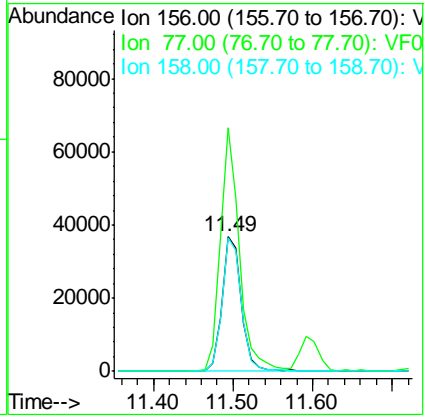
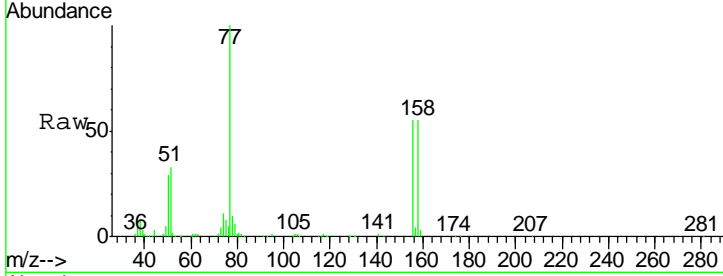


#77  
 Bromobenzene  
 Concen: 20.681 ug/l  
 RT: 11.49 min Scan# 1101  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

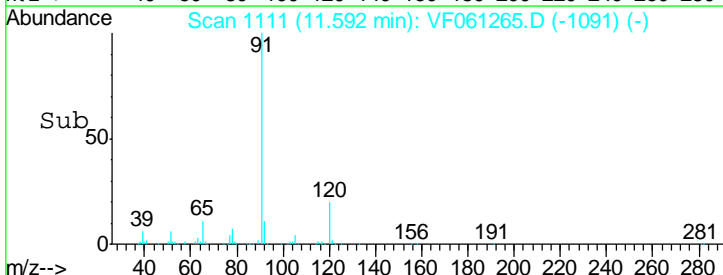
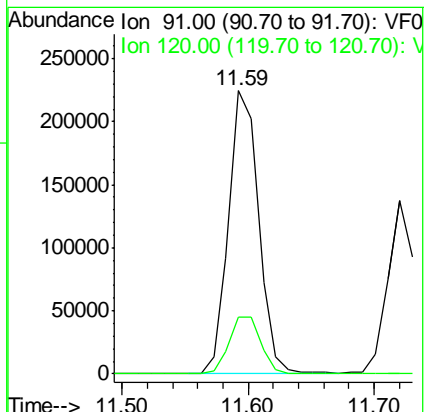
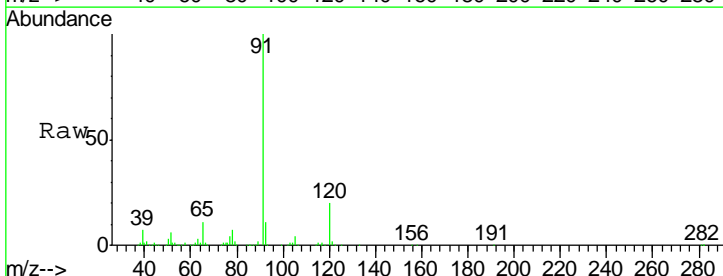
Tgt Ion	Resp	Lower	Upper
156	63153		
77	181.0	85.8	257.3
158	98.8	47.6	142.8

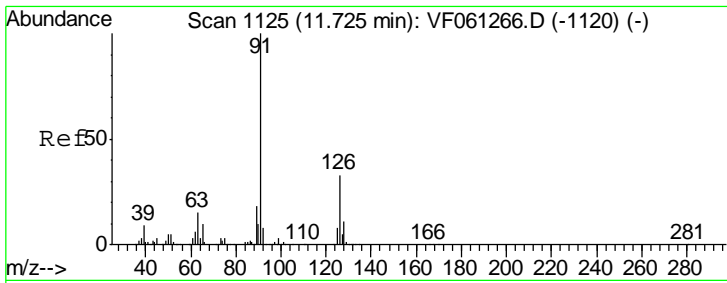
Manual Integrations  
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#78  
 n-propylbenzene  
 Concen: 22.048 ug/l  
 RT: 11.59 min Scan# 1111  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
91	369747		
120	20.2	10.6	31.8





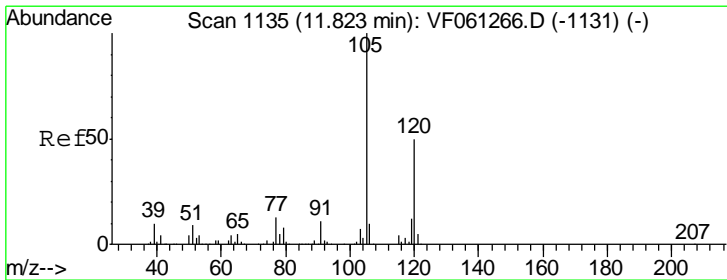
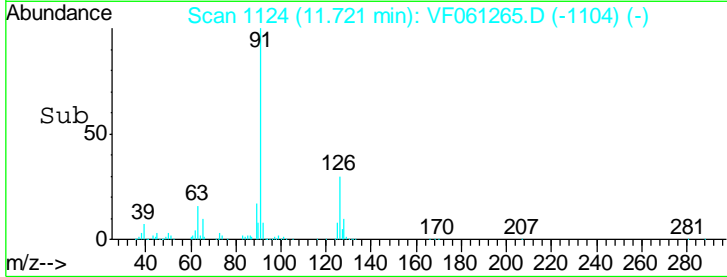
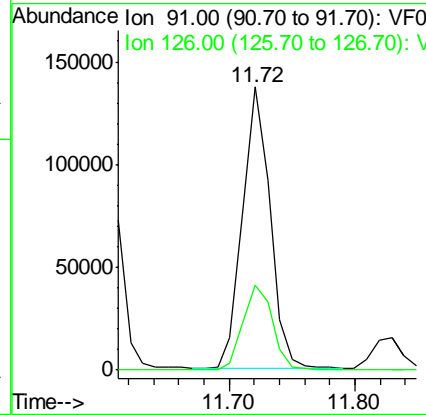
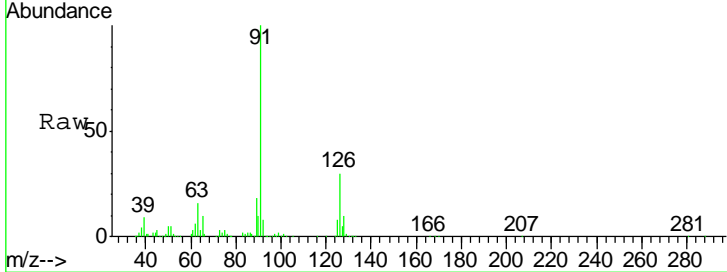
#79  
 2-Chlorotoluene  
 Concen: 21.282 ug/l  
 RT: 11.72 min Scan# 1124  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
91	100		
126	29.9	16.3	48.8

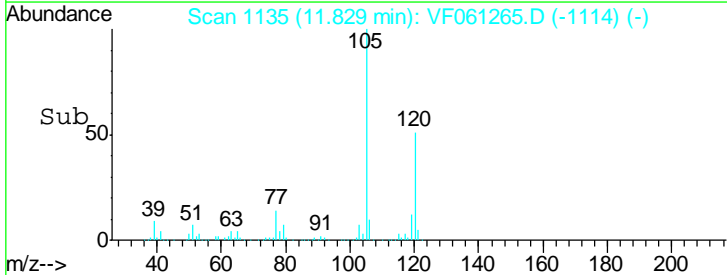
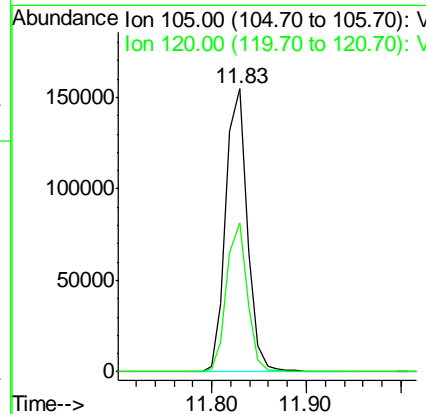
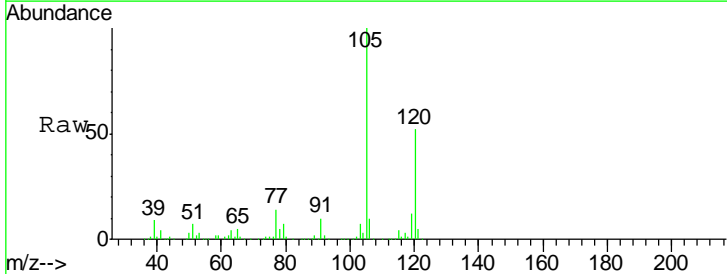
Manual Integrations  
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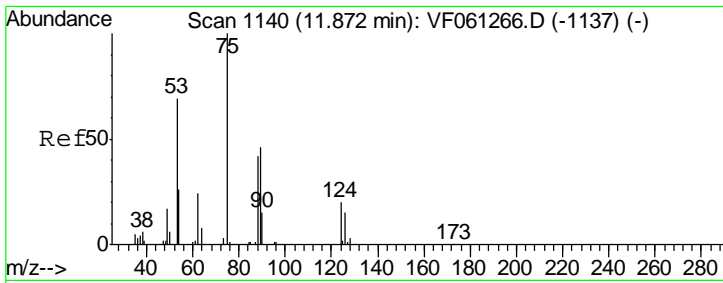
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.038 ug/l  
 RT: 11.83 min Scan# 1135  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
105	100		
120	52.4	24.8	74.4





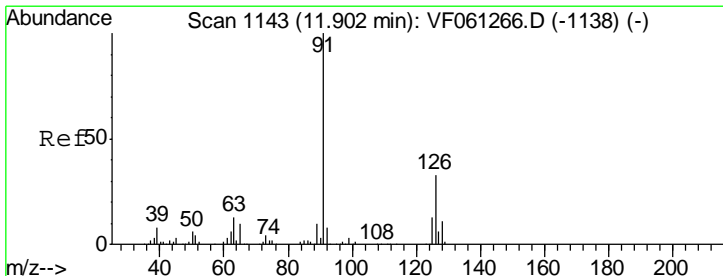
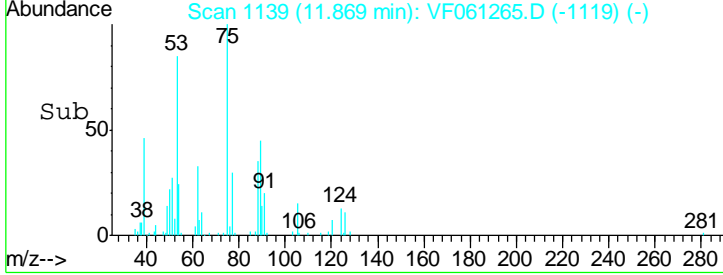
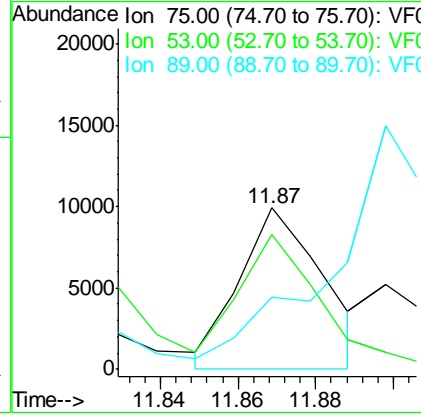
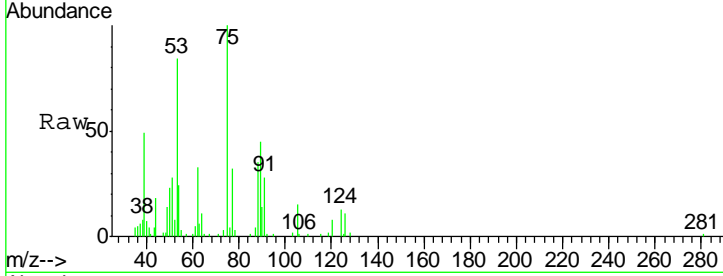
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 19.575 ug/l m  
 RT: 11.87 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
75	14908		
75	100		
53	83.8	61.7	92.5
89	44.6	40.3	60.5

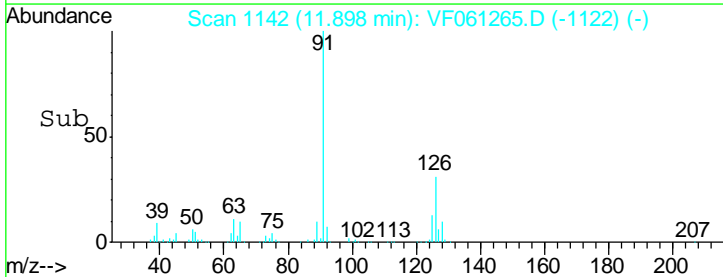
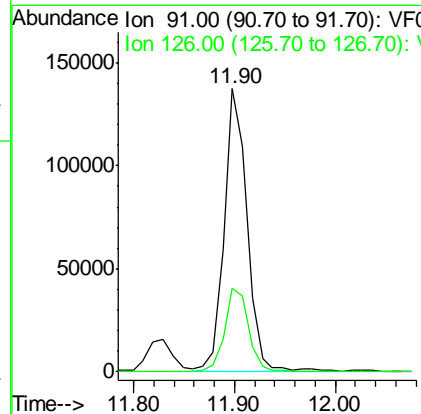
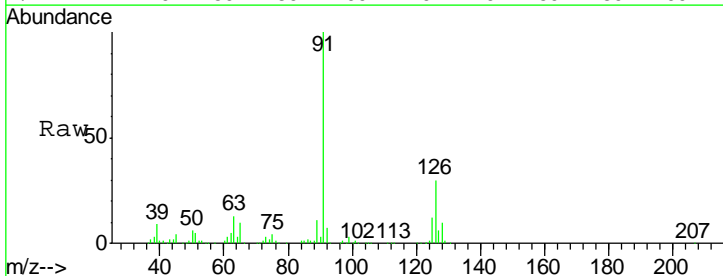
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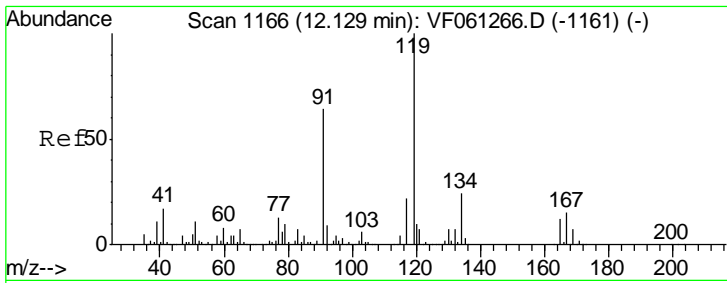
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#82  
 4-Chlorotoluene  
 Concen: 21.202 ug/l  
 RT: 11.90 min Scan# 1142  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
91	214577		
91	100		
126	29.6	16.3	48.8





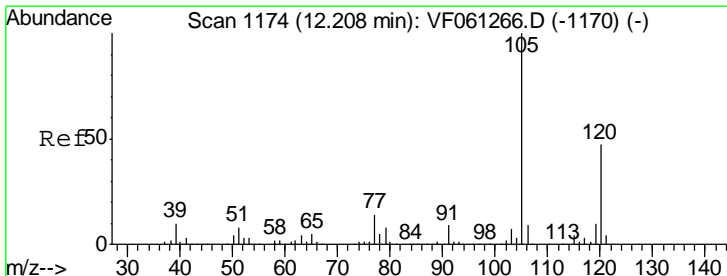
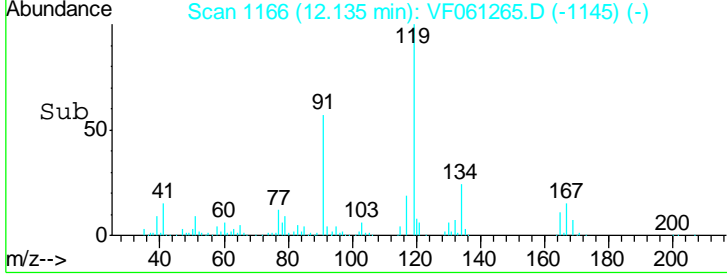
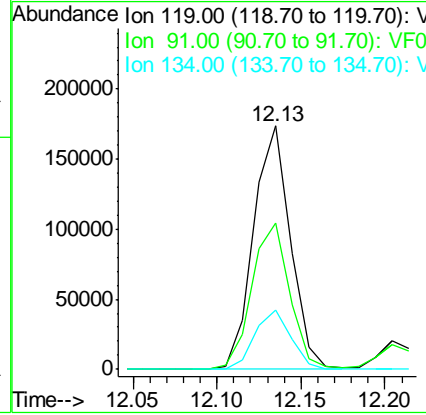
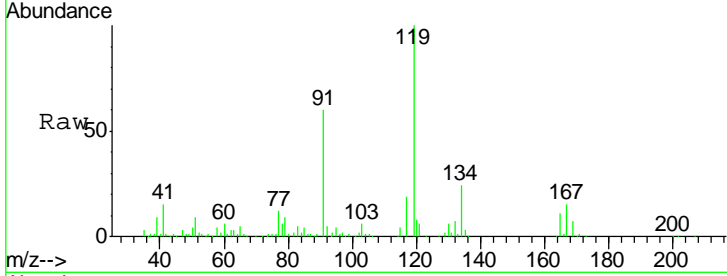
#83  
 tert-Butylbenzene  
 Concen: 22.067 ug/l  
 RT: 12.13 min Scan# 1166  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 Client Sampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
119	100		
91	60.2	32.0	96.0
134	24.3	12.1	36.3

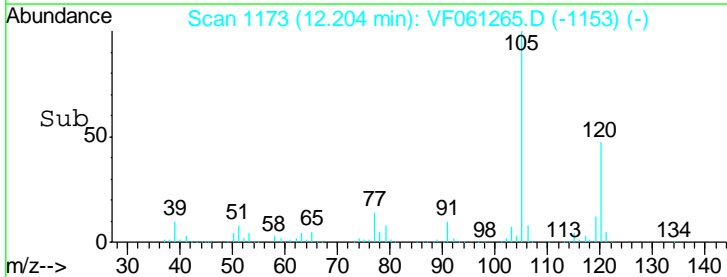
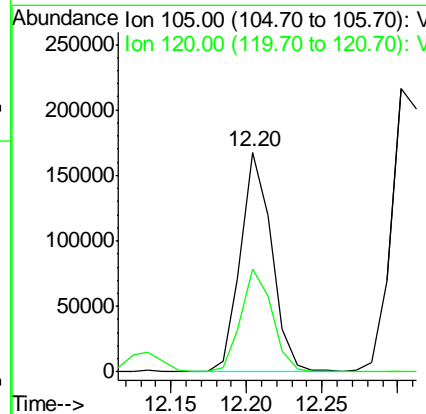
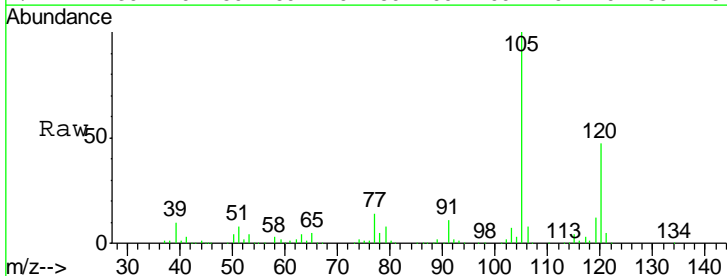
Manual Integrations  
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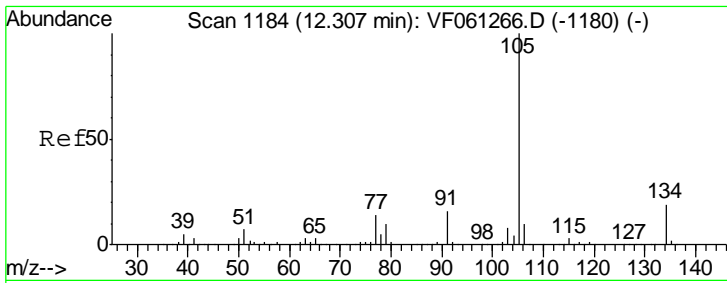
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.833 ug/l  
 RT: 12.20 min Scan# 1173  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
105	100		
120	46.7	23.3	69.9





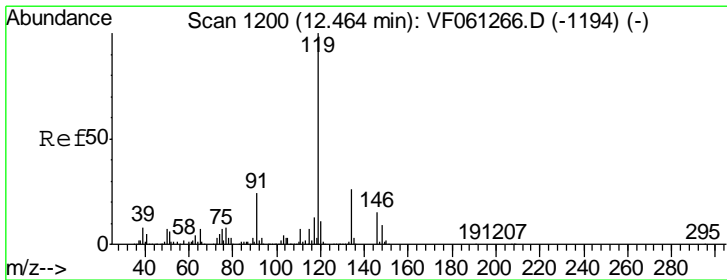
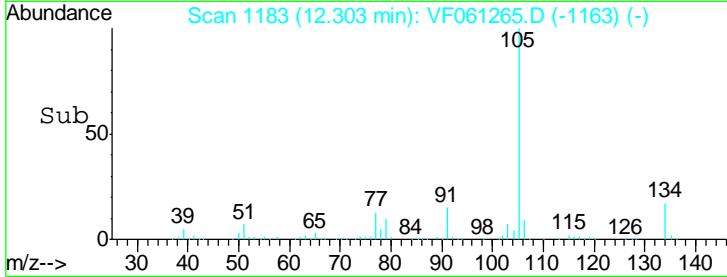
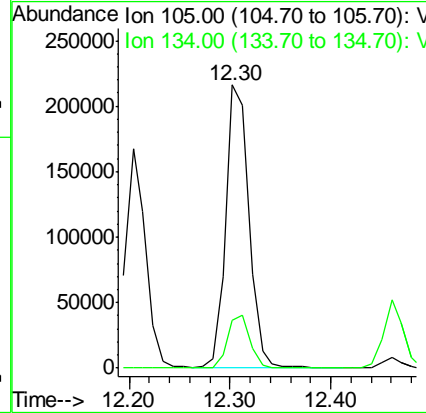
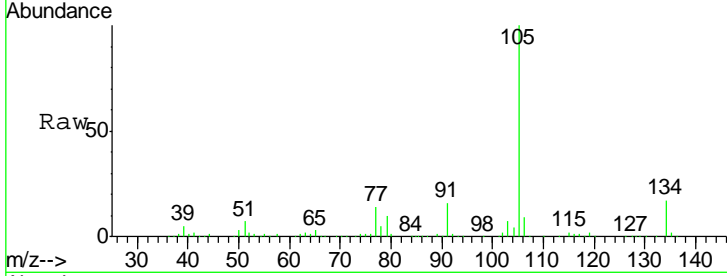
#85  
 sec-Butylbenzene  
 Concen: 21.868 ug/l  
 RT: 12.30 min Scan# 1183  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
105	344936		
134	17.1	9.4	28.2

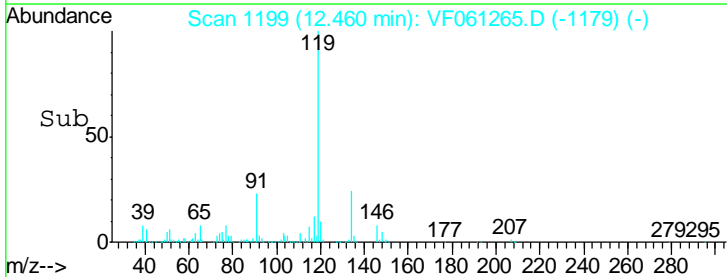
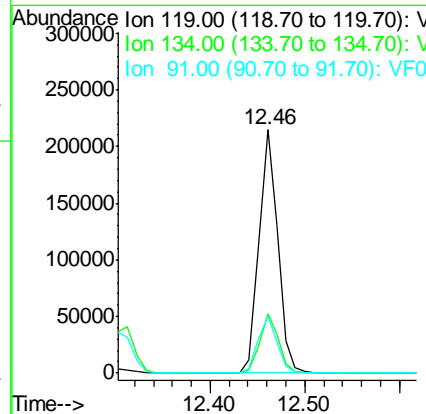
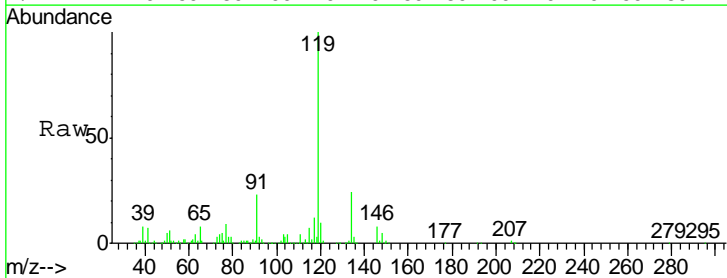
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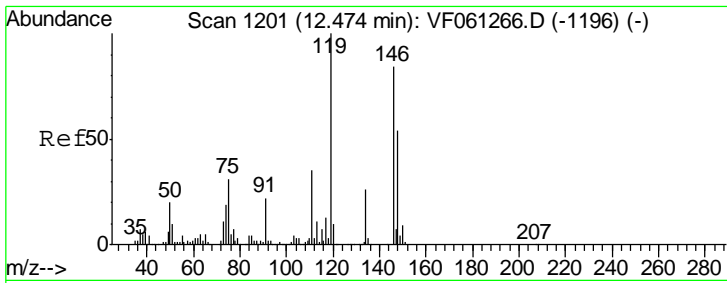
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#86  
 p-Isopropyltoluene  
 Concen: 22.510 ug/l  
 RT: 12.46 min Scan# 1199  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
119	295256		
134	24.4	13.2	39.6
91	23.5	11.9	35.7



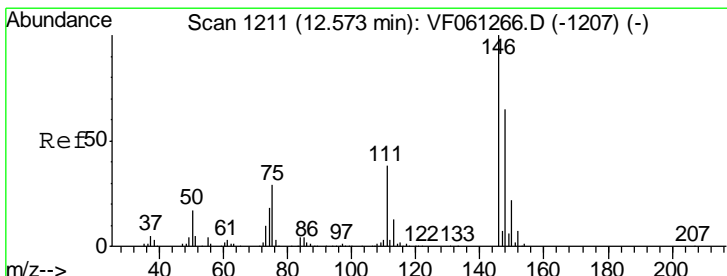
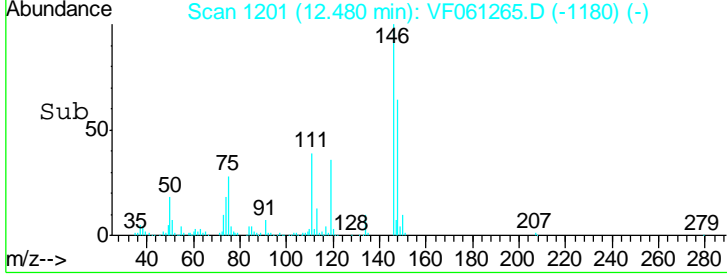
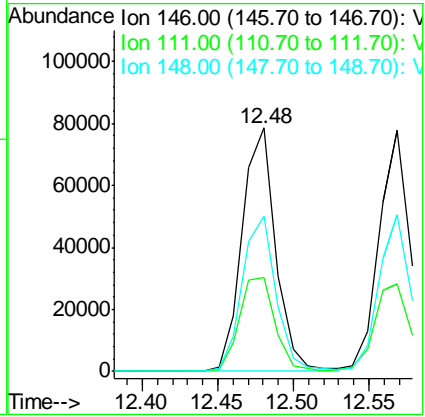
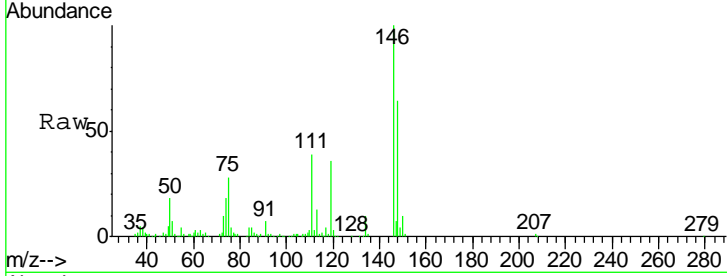


#87  
 1,3-Dichlorobenzene  
 Concen: 21.049 ug/l  
 RT: 12.48 min Scan# 1201  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

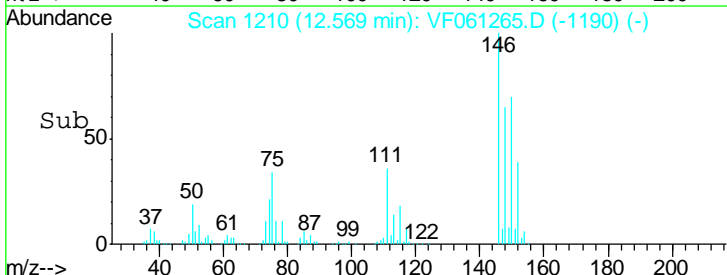
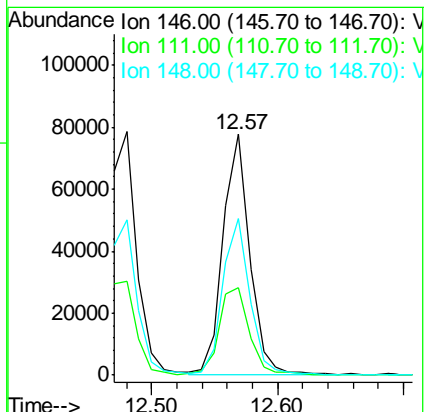
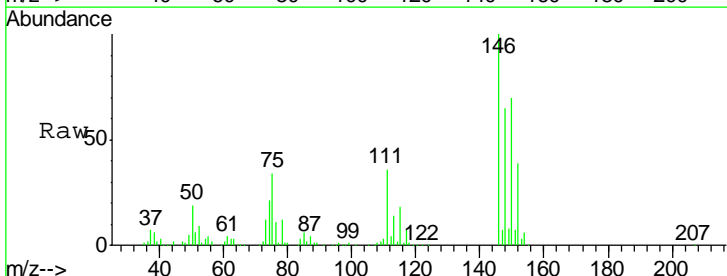
Tgt Ion	Resp	Lower	Upper
146	121798		
111	38.6	20.9	62.8
148	63.8	32.5	97.4

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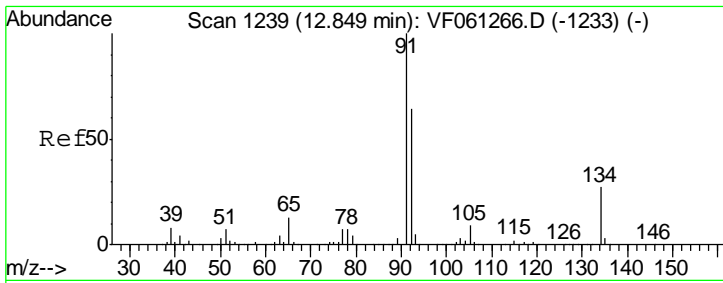


#88  
 1,4-Dichlorobenzene  
 Concen: 20.106 ug/l  
 RT: 12.57 min Scan# 1210  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
146	114032		
111	36.2	19.3	57.9
148	65.2	32.6	98.0





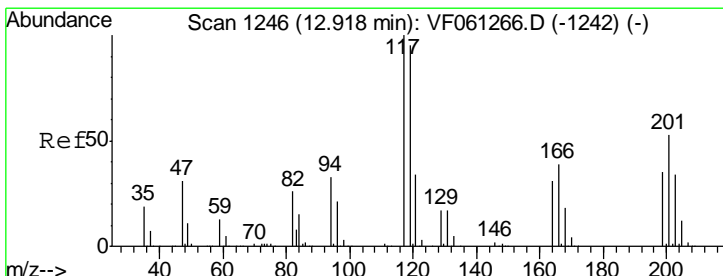
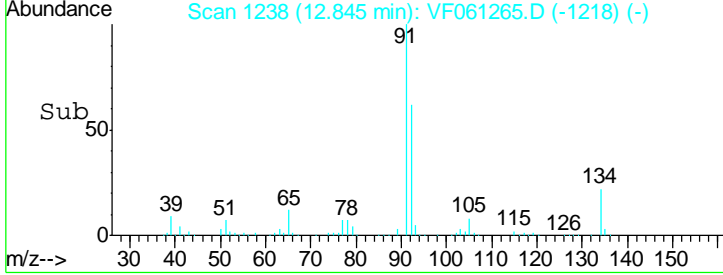
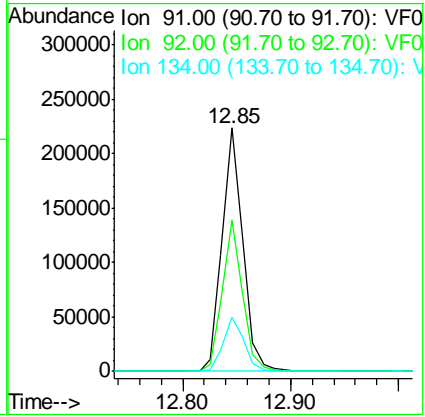
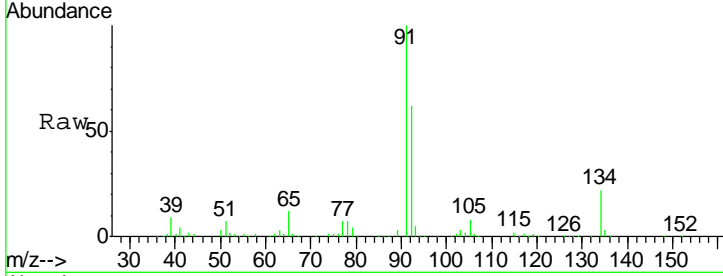


#89  
 n-Butylbenzene  
 Concen: 22.012 ug/l  
 RT: 12.85 min Scan# 1238  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

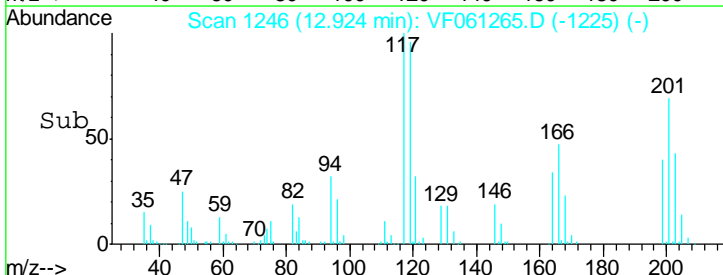
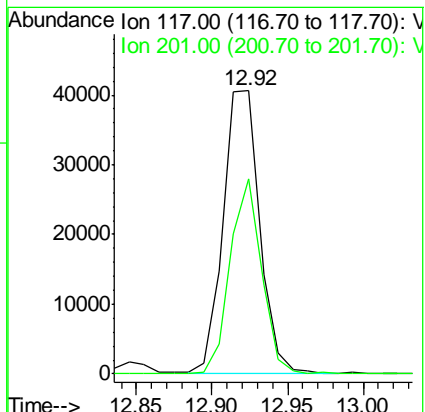
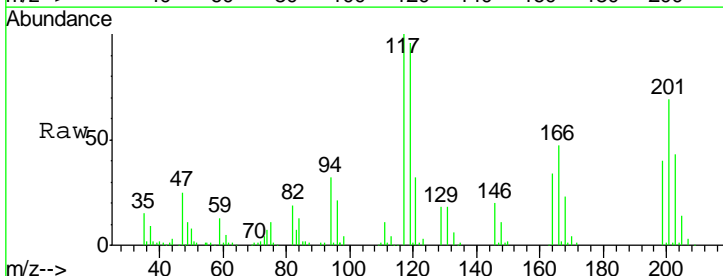
Tgt Ion	Resp	Lower	Upper
91	100		
92	62.0	31.9	95.7
134	22.3	13.6	40.7

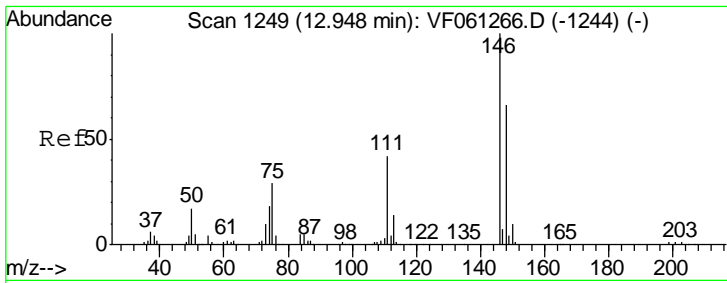
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#90  
 Hexachloroethane  
 Concen: 21.034 ug/l  
 RT: 12.92 min Scan# 1246  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
117	100		
201	68.8	26.6	79.7





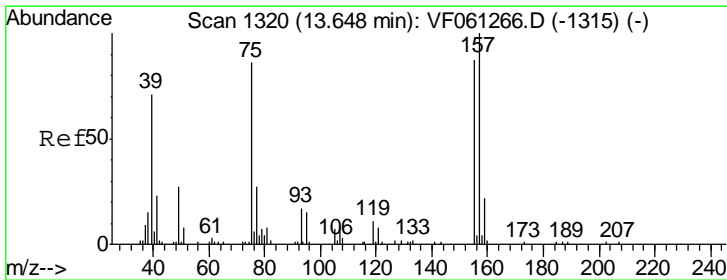
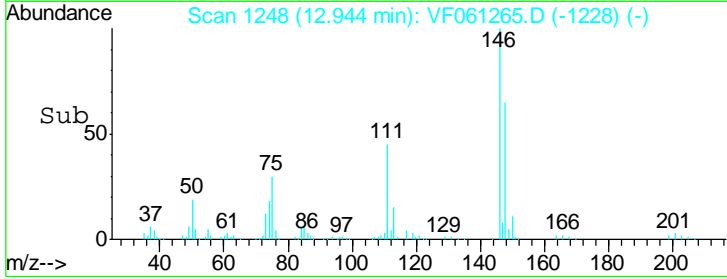
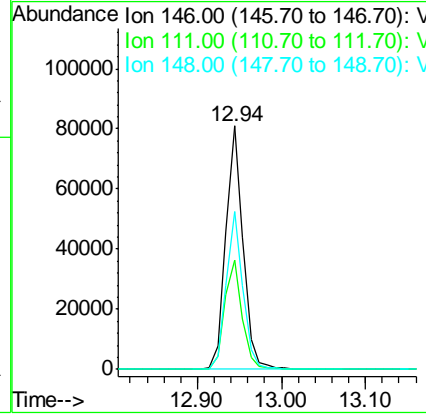
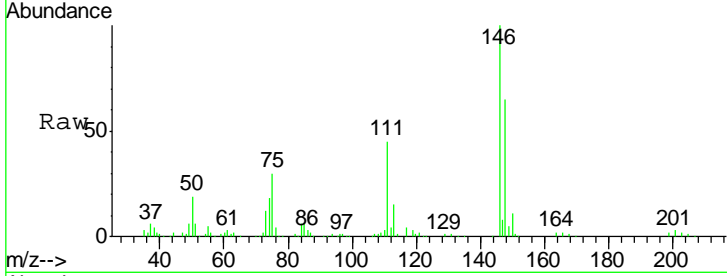
#91  
 1,2-Dichlorobenzene  
 Concen: 21.219 ug/l  
 RT: 12.94 min Scan# 1248  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
146	11591		
111	44.8	21.1	63.4
148	64.9	32.8	98.4

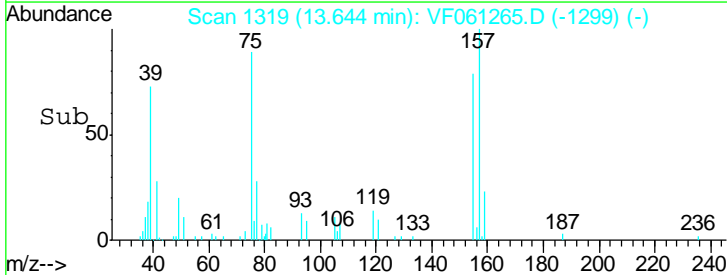
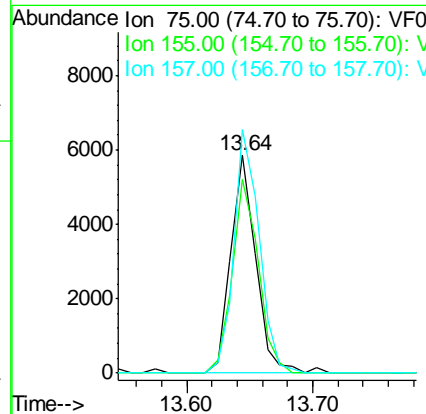
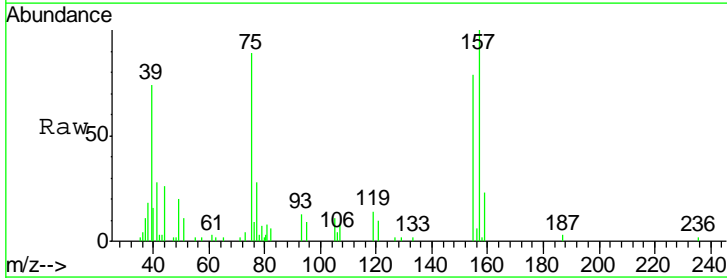
Manual Integrations  
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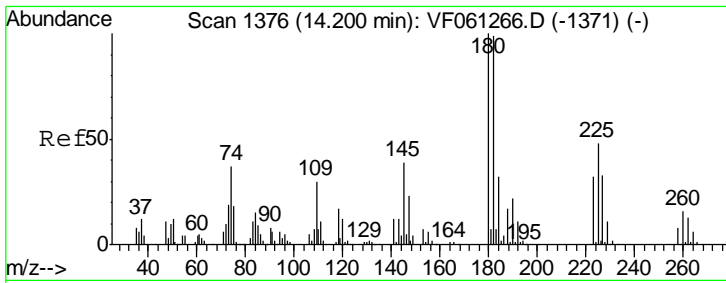
apatel  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.819 ug/l  
 RT: 13.64 min Scan# 1319  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
75	8005		
155	88.8	50.6	151.8
157	111.8	58.0	173.9





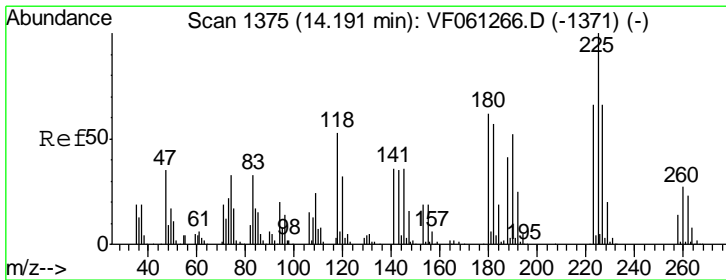
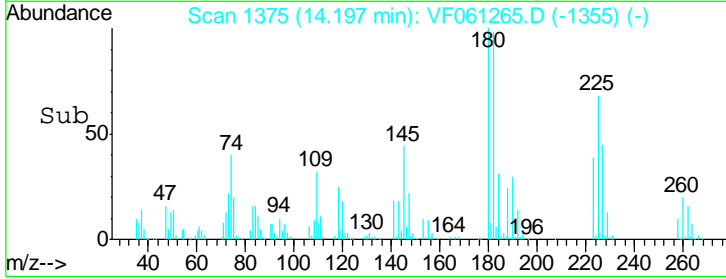
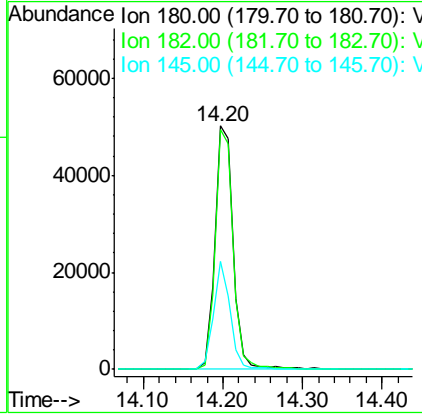
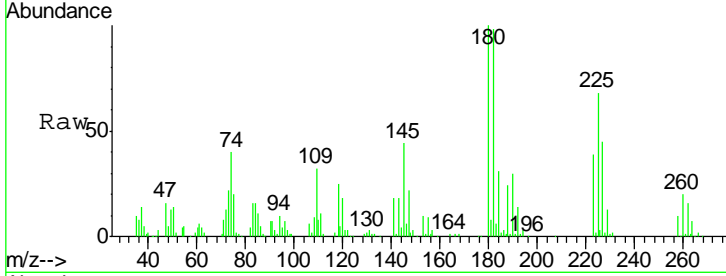
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.992 ug/l  
 RT: 14.20 min Scan# 1375  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
180	100		
182	98.3	49.5	148.3
145	44.2	19.7	59.0

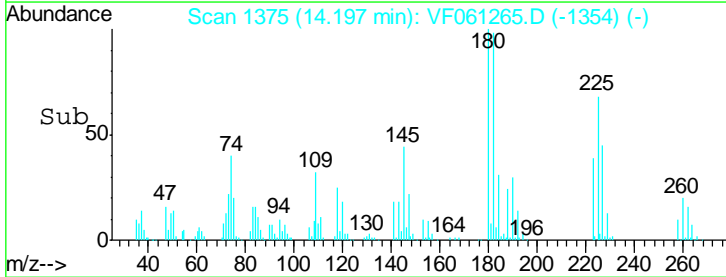
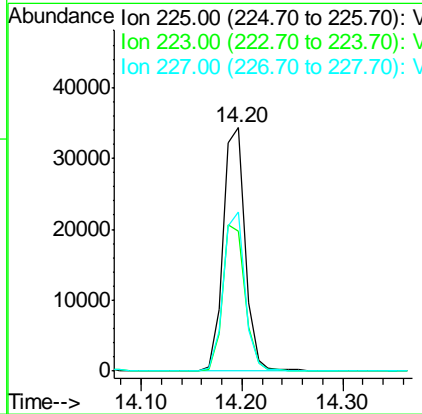
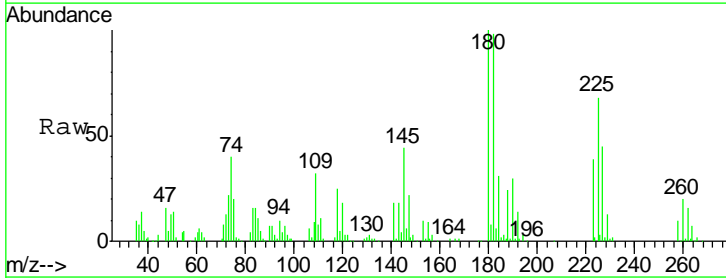
Manual Integrations  
 APPROVED

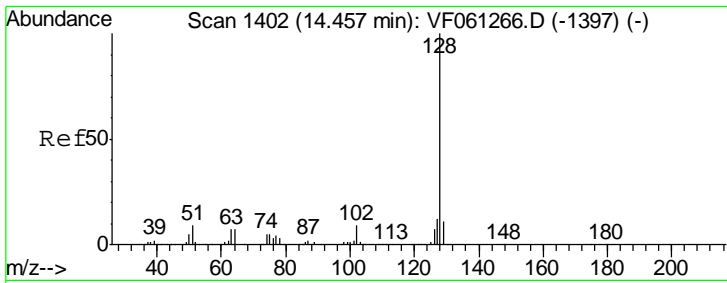
apatel  
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#94  
 Hexachlorobutadiene  
 Concen: 21.202 ug/l  
 RT: 14.20 min Scan# 1375  
 Delta R.T. 0.01 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
225	100		
223	57.4	33.0	99.0
227	65.2	32.8	98.4



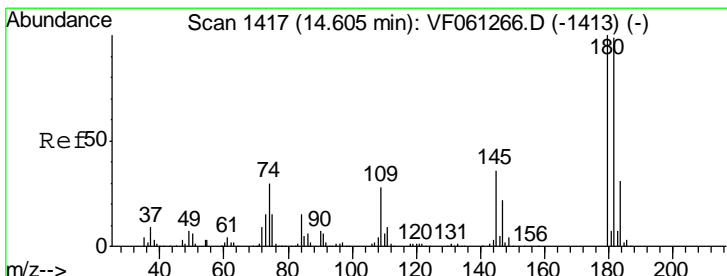
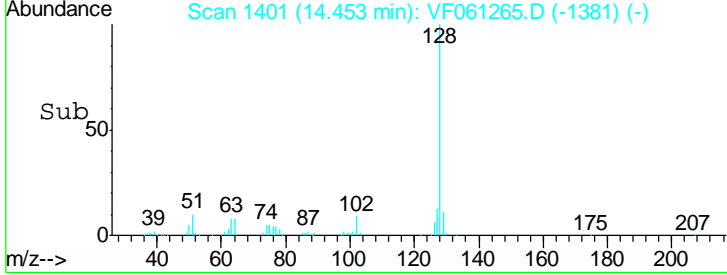
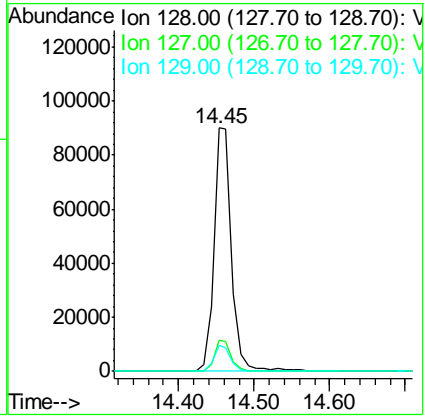
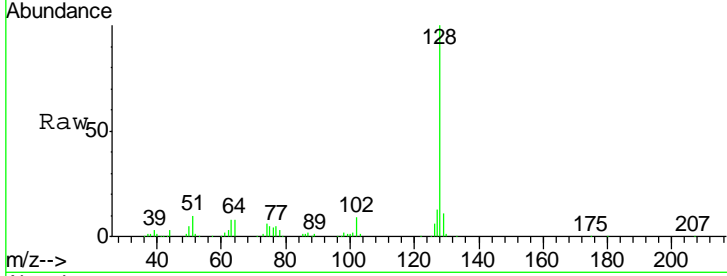


#95  
 Naphthalene  
 Concen: 21.027 ug/l  
 RT: 14.45 min Scan# 1401  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Instrument : MSVOA\_F  
 ClientSampled : VSTDIC020

Tgt Ion	Resp	Lower	Upper
128	147493		
127	12.7	9.8	14.6
129	10.6	9.0	13.4

Manual Integrations  
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#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.963 ug/l  
 RT: 14.60 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VF061265.D  
 Acq: 3 Jan 2019 15:17

Tgt Ion	Resp	Lower	Upper
180	74448		
182	92.5	49.5	148.5
145	35.2	18.0	54.0

