

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069174.D
 Acq On : 14 May 2021 14:02
 Operator : VA/SY
 Sample : M2389-05
 Misc : 7.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CASINO-AVE-1-2

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Title : SW846 8260

Signal : TIC: VD069174.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.914	1009	1019	1025	rBV2	172430	422947	35.89%	5.376%
2	7.979	1025	1030	1040	rVB	219835	487941	41.41%	6.202%
3	8.332	1080	1090	1101	rVB2	154658	354674	30.10%	4.508%
4	8.503	1109	1119	1130	rVB2	27190	67486	5.73%	0.858%
5	8.867	1171	1181	1190	rBV	379796	767364	65.12%	9.753%
6	9.350	1258	1263	1268	rBV3	8164	15764	1.34%	0.200%
7	9.779	1327	1336	1344	rVB2	33485	66783	5.67%	0.849%
8	9.914	1349	1359	1365	rBV2	46540	92290	7.83%	1.173%
9	10.267	1414	1419	1423	rBV4	9956	15634	1.33%	0.199%
10	10.338	1423	1431	1441	rBV	612461	1098575	93.23%	13.963%
11	11.644	1644	1653	1667	rBV	530104	904026	76.72%	11.490%
12	11.855	1683	1689	1693	rBV4	11455	19155	1.63%	0.243%
13	12.179	1738	1744	1751	rVB3	9003	14806	1.26%	0.188%
14	12.626	1811	1820	1829	rBV	698318	1178323	100.00%	14.977%
15	12.896	1859	1866	1870	rBV6	7581	14024	1.19%	0.178%
16	12.944	1870	1874	1882	rVB5	32706	54775	4.65%	0.696%
17	13.220	1912	1921	1928	rVV	169368	286100	24.28%	3.636%
18	13.426	1947	1956	1960	rBV6	15191	36916	3.13%	0.469%
19	13.573	1973	1981	1986	rBV	350544	581689	49.37%	7.393%
20	13.614	1986	1988	1991	rVB4	12493	13793	1.17%	0.175%
21	13.849	2024	2028	2031	rBV6	12786	19585	1.66%	0.249%
22	13.891	2031	2035	2038	rVV2	45432	63641	5.40%	0.809%
23	13.926	2038	2041	2045	rVB4	17202	24686	2.10%	0.314%
24	14.096	2065	2070	2078	rBV3	35257	81711	6.93%	1.039%
25	14.220	2085	2091	2097	rBV	171592	272168	23.10%	3.459%
26	14.273	2097	2100	2105	rVB7	9572	14105	1.20%	0.179%
27	14.402	2117	2122	2126	rBV8	13969	22096	1.88%	0.281%
28	14.520	2137	2142	2146	rBV6	8560	16110	1.37%	0.205%
29	14.743	2175	2180	2187	rVB6	36462	57236	4.86%	0.727%
30	14.808	2187	2191	2198	rBV10	13729	30528	2.59%	0.388%
31	14.891	2198	2205	2211	rVB2	57432	114603	9.73%	1.457%
32	14.990	2216	2222	2223	rBV5	17536	29226	2.48%	0.371%
33	15.020	2224	2227	2233	rVB7	25966	38492	3.27%	0.489%
34	15.085	2234	2238	2244	rBV9	17720	36473	3.10%	0.464%
35	15.202	2252	2258	2262	rBV9	12549	28804	2.44%	0.366%
36	15.290	2268	2273	2279	rVB9	10729	23090	1.96%	0.293%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069174.D
 Acq On : 14 May 2021 14:02
 Operator : VA/SY
 Sample : M2389-05
 Misc : 7.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CASINO-AVE-1-2

Integration Parameters: RTEINT.P
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Title : SW846 8260

37	15.361	2279	2285	2290	rBV9	18054	33662	2.86%	0.428%
38	15.443	2290	2299	2305	rBV9	30394	87496	7.43%	1.112%
39	15.532	2312	2314	2320	rVB6	19334	29409	2.50%	0.374%
40	15.596	2321	2325	2332	rVB10	16875	37709	3.20%	0.479%
41	15.661	2332	2336	2339	rBV5	23074	32314	2.74%	0.411%
42	15.720	2344	2346	2349	rVB4	12904	14744	1.25%	0.187%
43	15.902	2374	2377	2382	rVB7	20555	34421	2.92%	0.437%
44	16.085	2403	2408	2418	rVB5	34050	85790	7.28%	1.090%
45	16.420	2461	2465	2470	rBV8	29524	61517	5.22%	0.782%
46	16.679	2504	2509	2516	rBV8	33478	84985	7.21%	1.080%

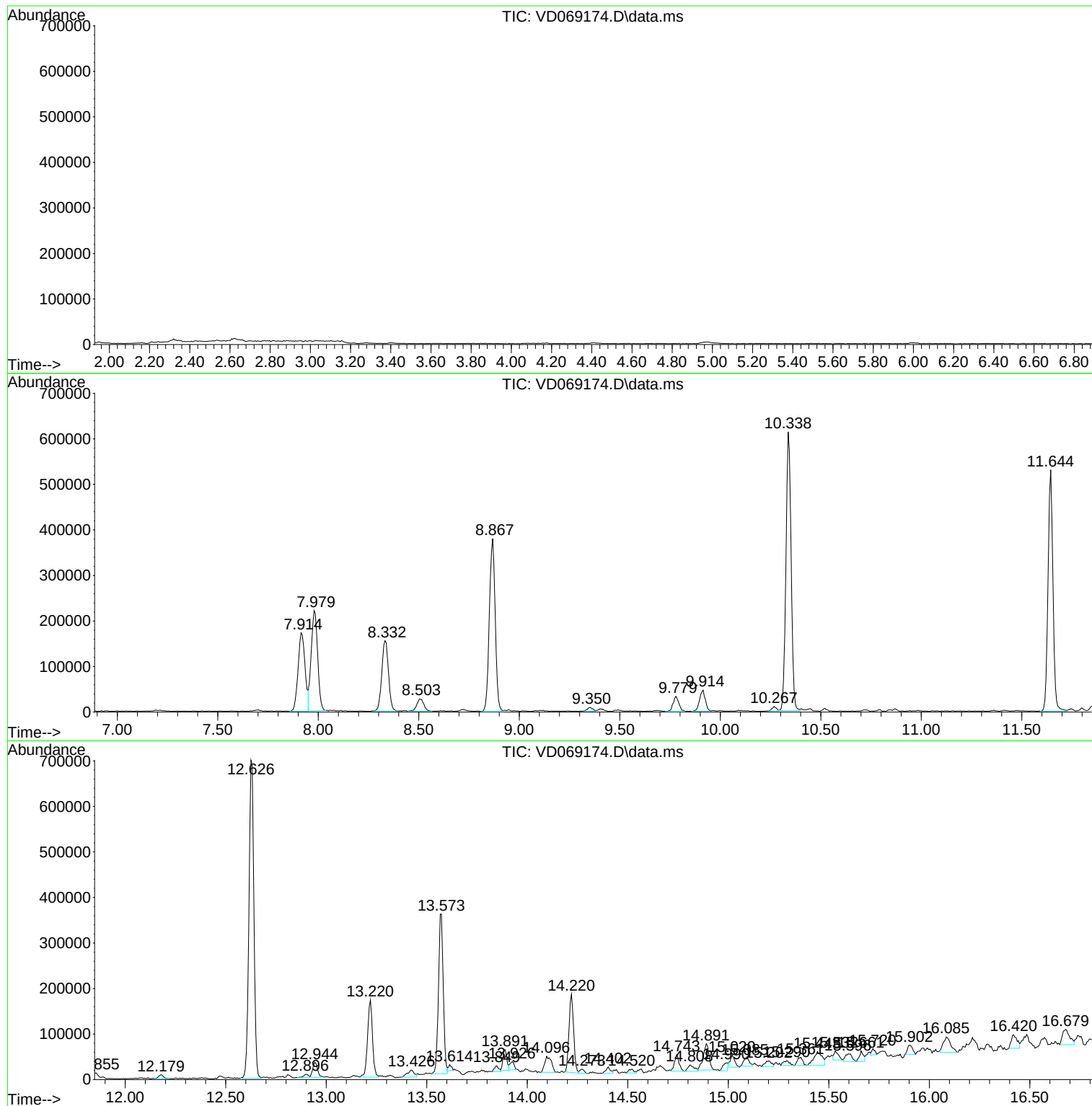
Sum of corrected areas: 7867666

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

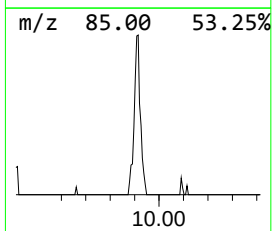
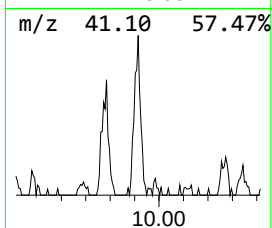
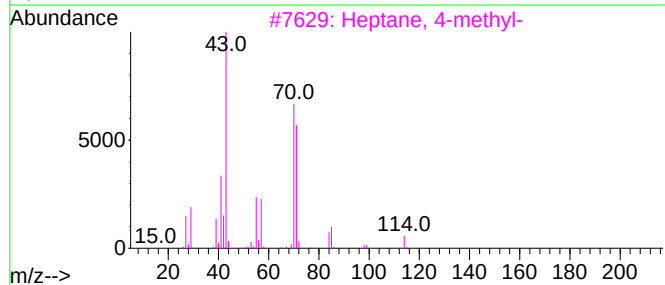
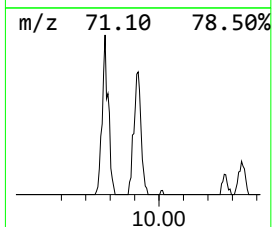
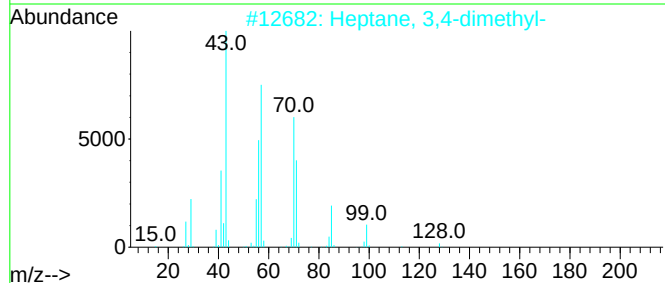
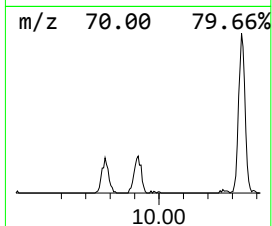
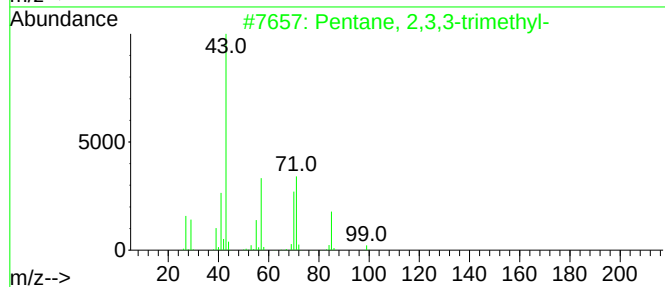
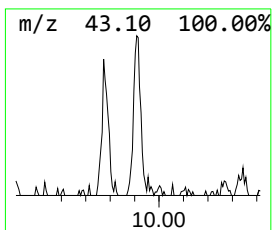
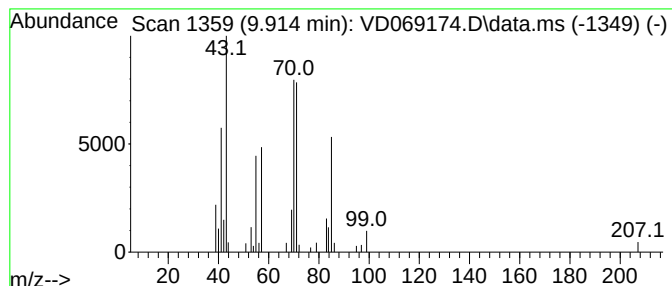
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2,3,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.914	6.01 ug/l	92290	1,4-Difluorobenzene	8.867

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	64
3			Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4			3,4-Diethyl hexane	142	C10H22	019398-77-7	53
5			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

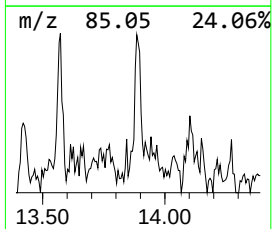
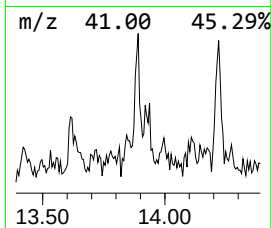
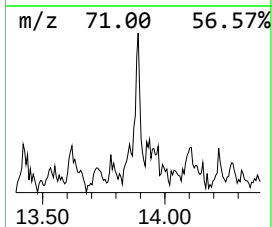
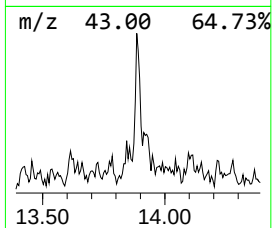
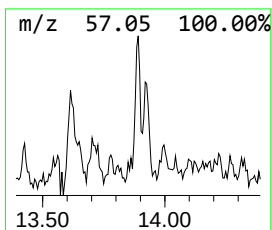
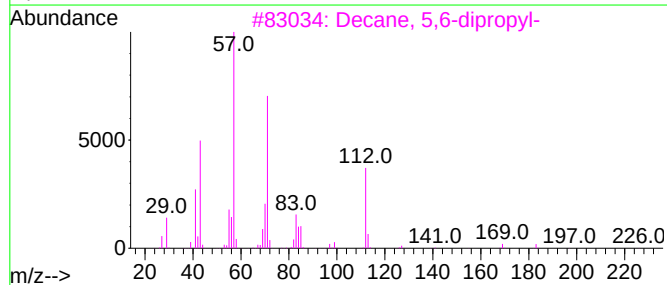
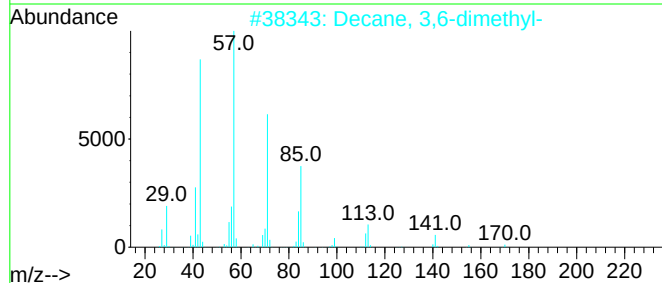
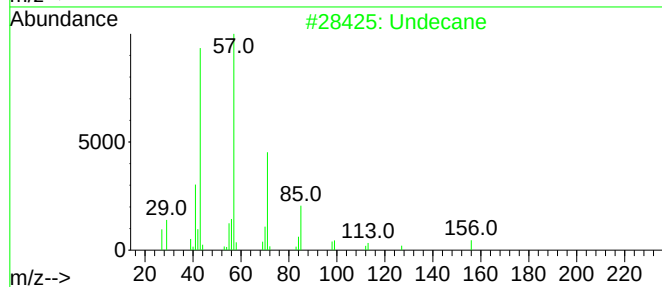
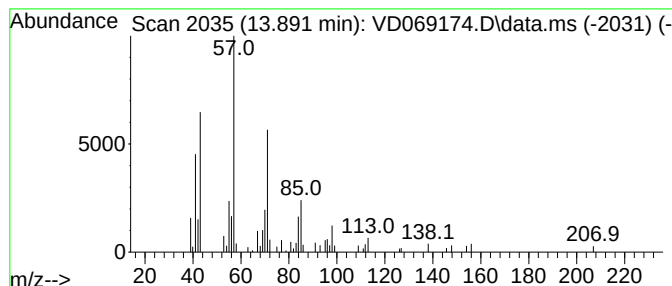
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.891	5.47 ug/l	63641	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	72
2	Decane, 3,6-dimethyl-			170	C12H26	017312-53-7	53
3	Decane, 5,6-dipropyl-			226	C16H34	119209-20-0	53
4	Decane, 3,7-dimethyl-			170	C12H26	017312-54-8	53
5	Dodecane, 4,6-dimethyl-			198	C14H30	061141-72-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

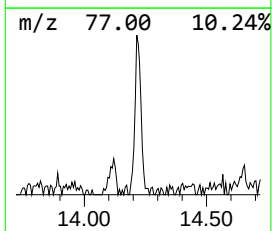
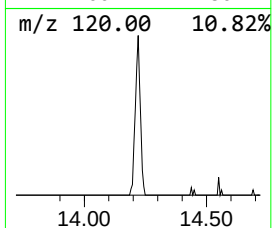
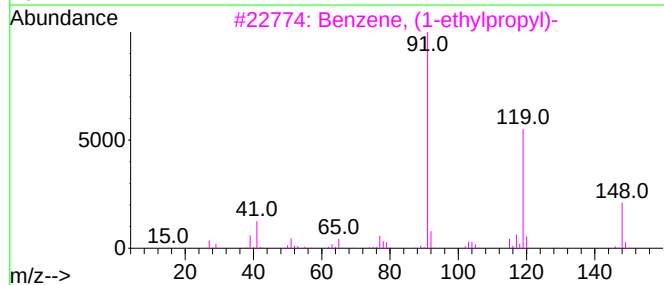
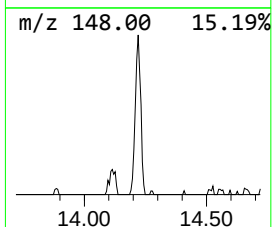
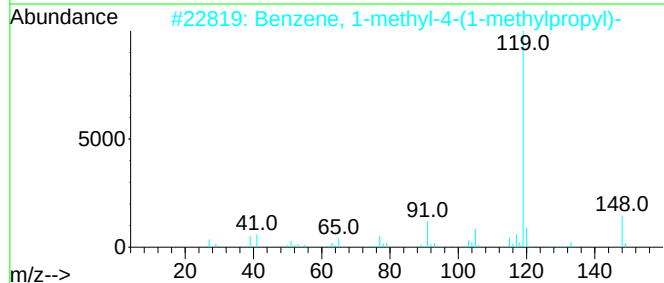
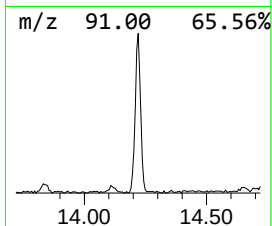
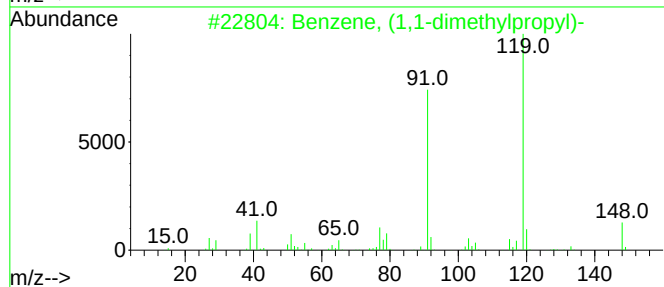
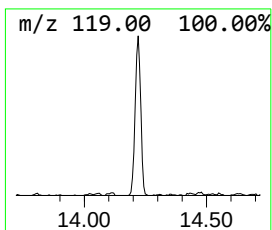
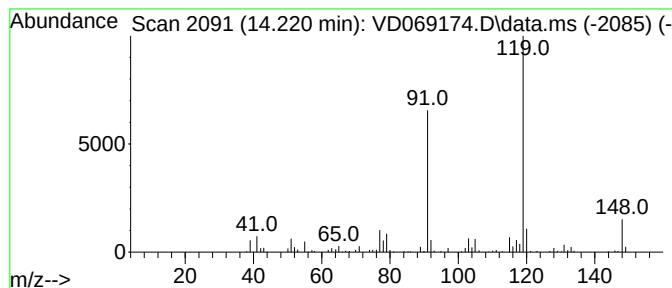
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, (1,1-dimethylpropyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.220	23.39 ug/l	272168	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	95
2			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	83
3			Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	80
4			Benzene, tert-butyl-	134	C10H14	000098-06-6	80
5			o-Cymene	134	C10H14	000527-84-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

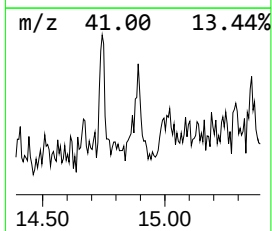
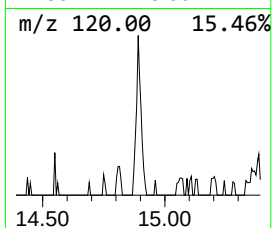
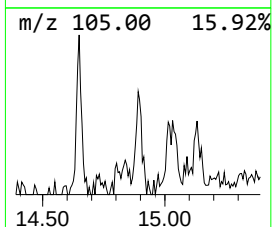
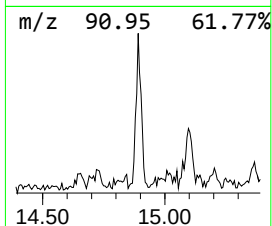
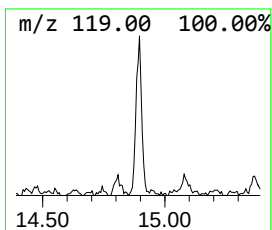
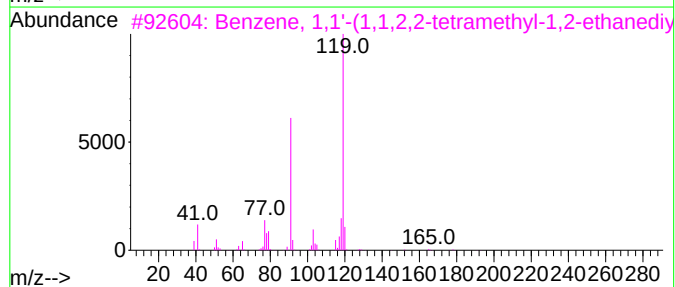
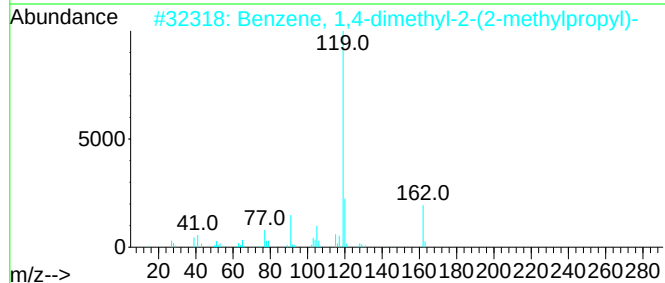
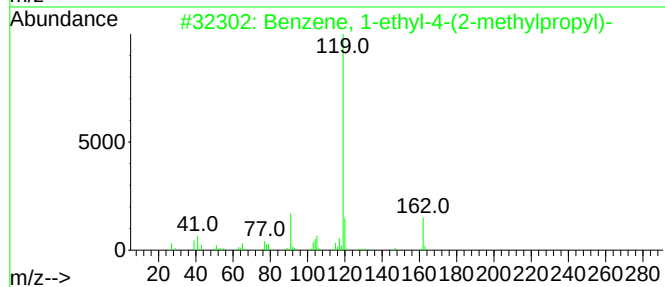
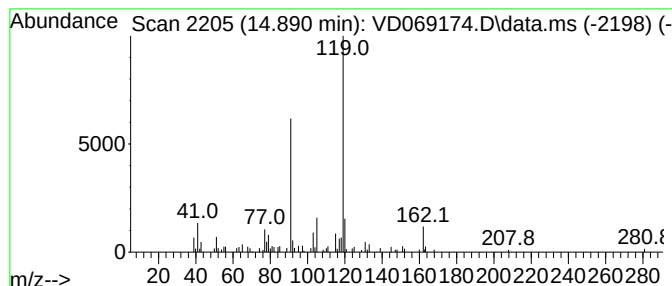
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-4-(2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.890	9.85 ug/l	114603	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	80
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	74
3			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64
4			2-Isothiocyanato-2,4-dimethyl-4-...	233	C14H19NS	1000293-27-6	64
5			3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

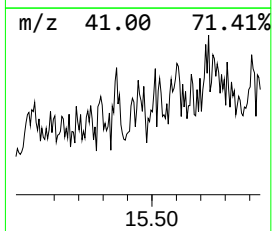
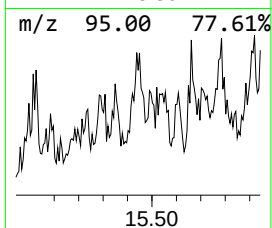
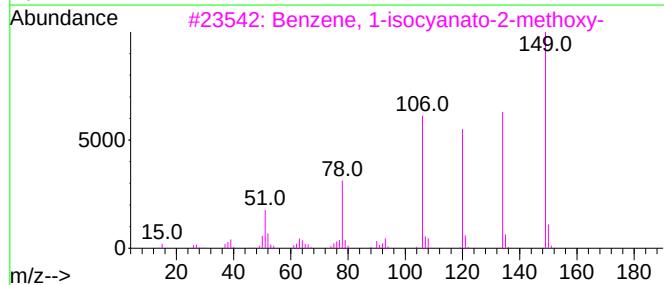
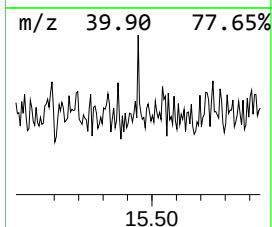
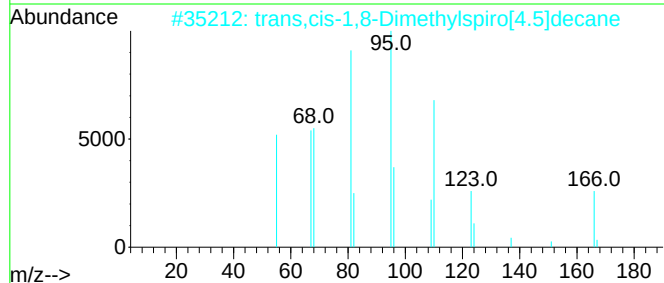
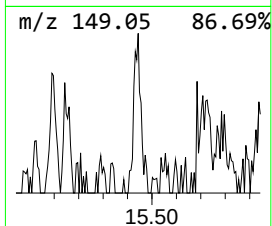
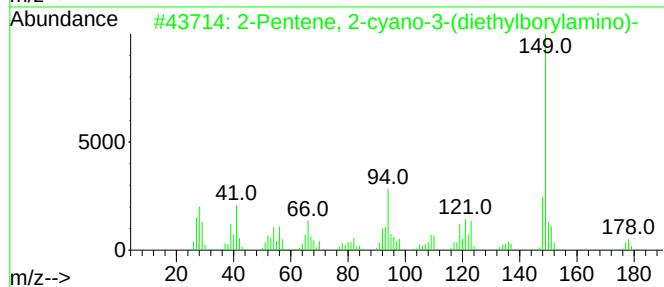
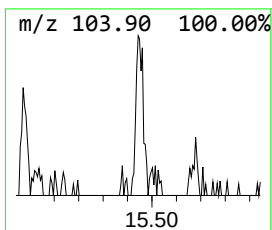
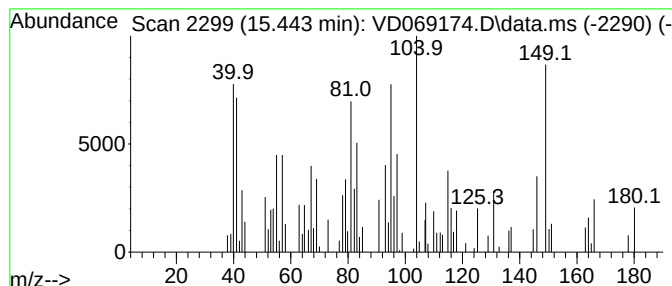
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown15.443 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.443	7.52 ug/l	87496	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2-cyano-3-(diethylbor...	178	C10H19BN2	1000160-60-3	11		
2	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	11		
3	Benzene, 1-isocyanato-2-methoxy-	149	C8H7NO2	000700-87-8	10		
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	10		
5	7-Octene-1,2-diol	144	C8H16O2	085866-02-0	10		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

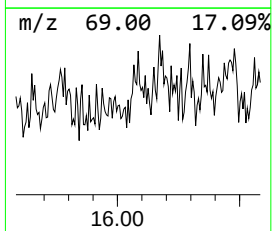
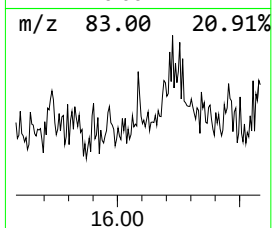
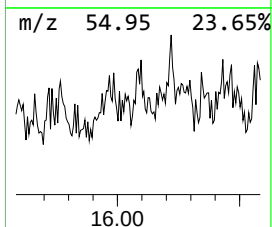
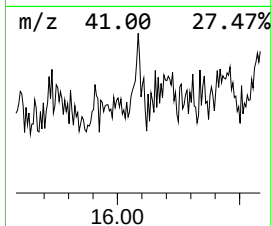
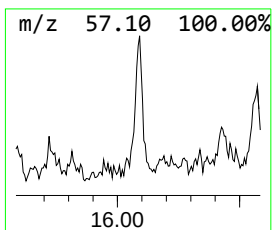
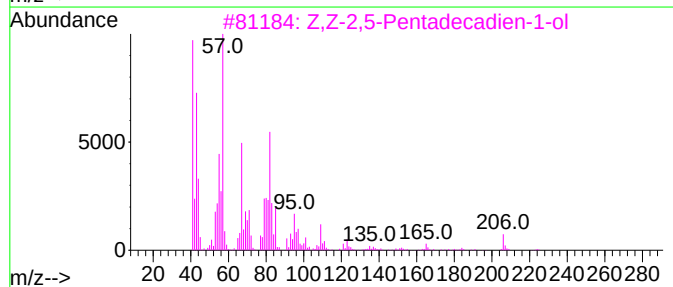
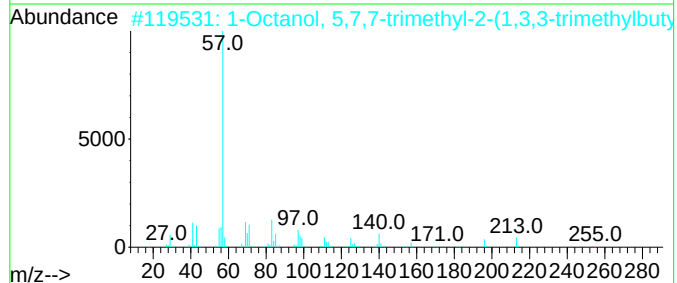
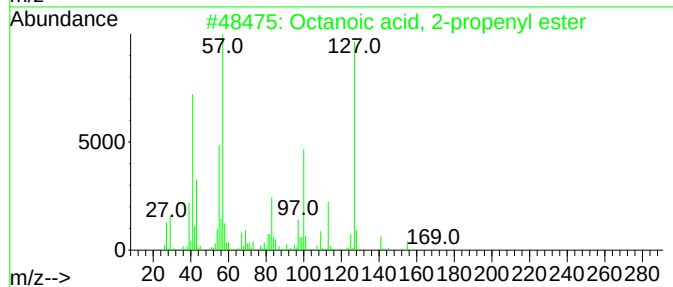
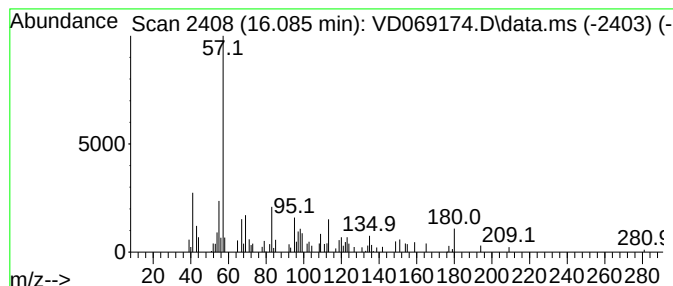
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown16.085 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.085	7.37 ug/l	85790	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid, 2-propenyl ester	184	C11H20O2	004230-97-1	40
2			1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	38
3			Z,Z-2,5-Pentadecadien-1-ol	224	C15H28O	139185-79-8	38
4			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	37
5			Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

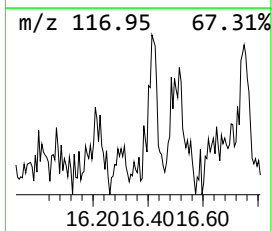
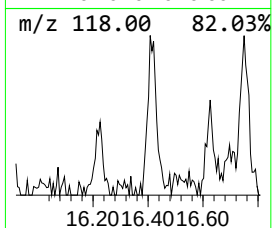
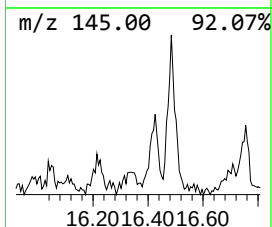
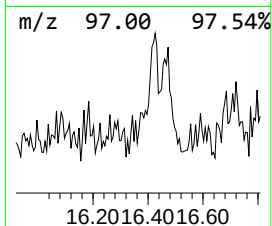
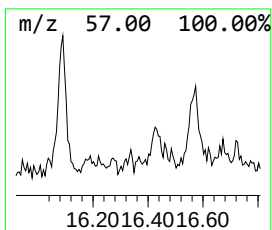
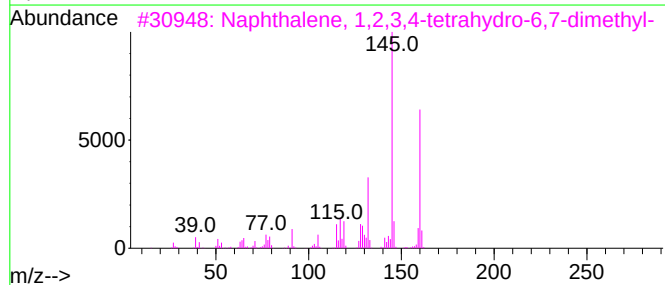
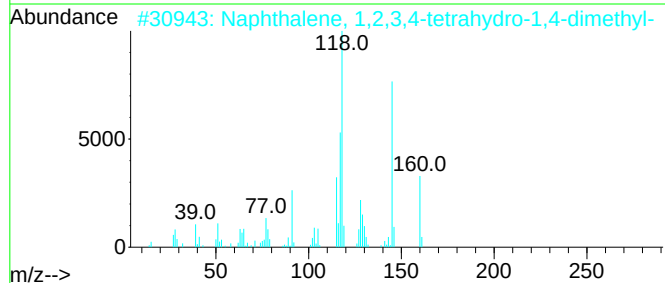
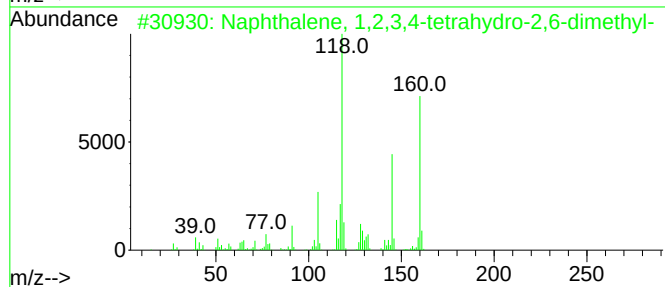
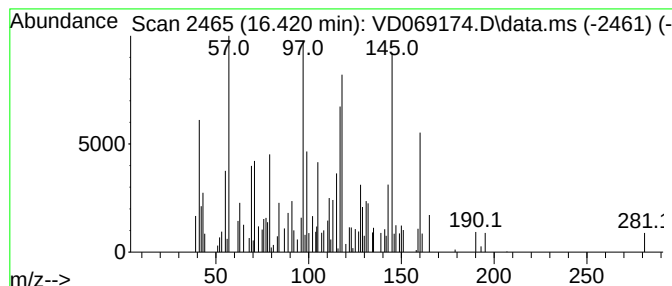
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown16.420 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.420	5.29 ug/l	61517	1,4-Dichlorobenzene-d4	13.573

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	30
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	25
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	25
4			3-Chloro-2-methylcyclopent-2-enol	132	C6H9ClO	1000192-84-7	25
5			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

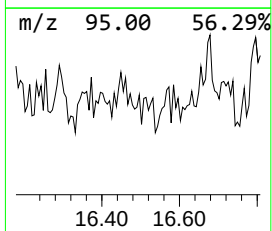
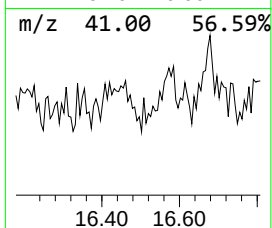
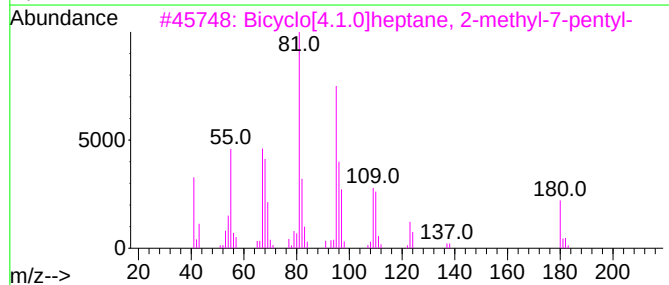
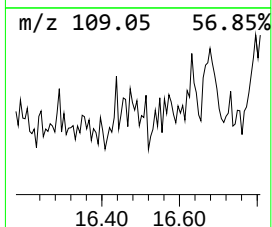
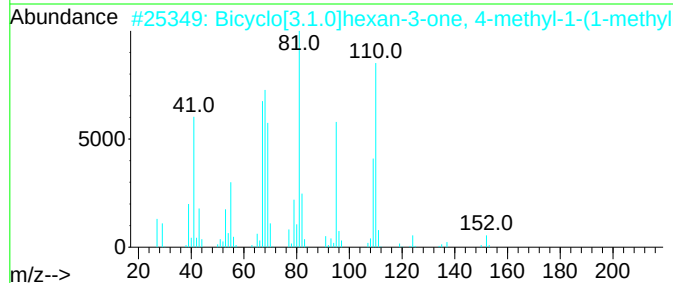
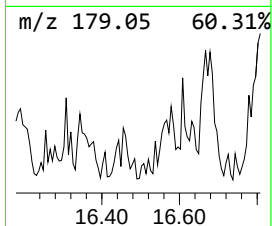
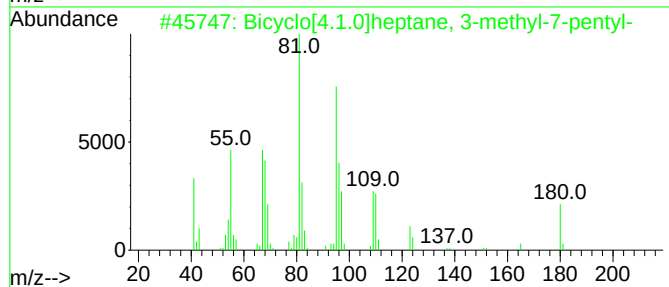
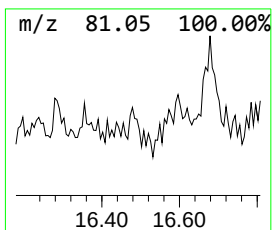
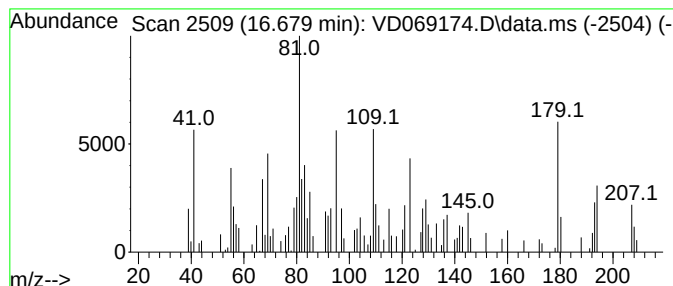
Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown16.679 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.679	7.31 ug/l	84985	1,4-Dichlorobenzene-d4	13.573	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	42
2	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	41
3	Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	38
4	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	35
5	Thujone	152	C10H16O	000546-80-5	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
Data File : VD069174.D
Acq On : 14 May 2021 14:02
Operator : VA/SY
Sample : M2389-05
Misc : 7.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CASINO-AVE-1-2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2,3,3-...	9.914	6.0	ug/l	92290	2	8.867	767364	50.0
Undecane	13.891	5.5	ug/l	63641	4	13.573	581689	50.0
Benzene, (1,1-d...	14.220	23.4	ug/l	272168	4	13.573	581689	50.0
Benzene, 1-ethy...	14.890	9.8	ug/l	114603	4	13.573	581689	50.0
unknown15.443	15.443	7.5	ug/l	87496	4	13.573	581689	50.0
unknown16.085	16.085	7.4	ug/l	85790	4	13.573	581689	50.0
unknown16.420	16.420	5.3	ug/l	61517	4	13.573	581689	50.0
unknown16.679	16.679	7.3	ug/l	84985	4	13.573	581689	50.0