

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070688.D
 Acq On : 12 Oct 2021 19:24
 Operator : VA/SY
 Sample : M4175-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31123

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\82D100521S.M

Title : SW846 8260

Signal : TIC: VD070688.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.314	60	67	78	rBV	727886	1108477	3.83%	1.024%
2	4.155	368	380	394	rBV	531096	1488056	5.14%	1.374%
3	4.961	503	517	532	rBV5	83925	360195	1.24%	0.333%
4	5.991	680	692	704	rBV2	163337	490625	1.70%	0.453%
5	6.761	808	823	838	rBV	342302	1114756	3.85%	1.029%
6	6.920	838	850	860	rVV	746964	2344875	8.10%	2.165%
7	7.026	860	868	883	rVV	287910	870463	3.01%	0.804%
8	7.208	887	899	911	rBV2	122036	364089	1.26%	0.336%
9	7.726	975	987	1000	rBV	842414	2336507	8.07%	2.158%
10	7.955	1010	1026	1036	rBV	8804893	21925621	75.76%	20.248%
11	8.061	1036	1044	1055	rVB	2735220	6679194	23.08%	6.168%
12	8.185	1055	1065	1073	rBV	9503975	21743789	75.13%	20.080%
13	8.326	1083	1089	1099	rVB2	219614	535966	1.85%	0.495%
14	8.449	1100	1110	1118	rBV3	1060056	2668232	9.22%	2.464%
15	8.532	1118	1124	1129	rVV	418010	922509	3.19%	0.852%
16	8.596	1129	1135	1145	rVB2	494072	1152489	3.98%	1.064%
17	8.714	1147	1155	1166	rBV	2647921	5317462	18.37%	4.911%
18	8.861	1172	1180	1188	rBV	478596	947584	3.27%	0.875%
19	9.349	1258	1263	1269	rVV	244889	521622	1.80%	0.482%
20	9.449	1269	1280	1288	rVB2	395354	992316	3.43%	0.916%
21	10.220	1404	1411	1422	rBV	330689	609131	2.10%	0.563%
22	10.332	1422	1430	1434	rBV	372668	667307	2.31%	0.616%
23	10.396	1434	1441	1456	rVV	16122665	28941470	100.00%	26.727%
24	11.079	1551	1557	1565	rVB2	281782	484743	1.67%	0.448%
25	11.637	1645	1652	1658	rBV	218570	368896	1.27%	0.341%
26	11.843	1676	1687	1698	rBV3	312470	733148	2.53%	0.677%
27	12.937	1869	1873	1881	rVB2	266305	428863	1.48%	0.396%
28	13.655	1988	1995	2004	rBV	874097	1353224	4.68%	1.250%
29	13.878	2028	2033	2038	rBV	218348	333487	1.15%	0.308%
30	14.702	2168	2173	2176	rBV	335814	482030	1.67%	0.445%

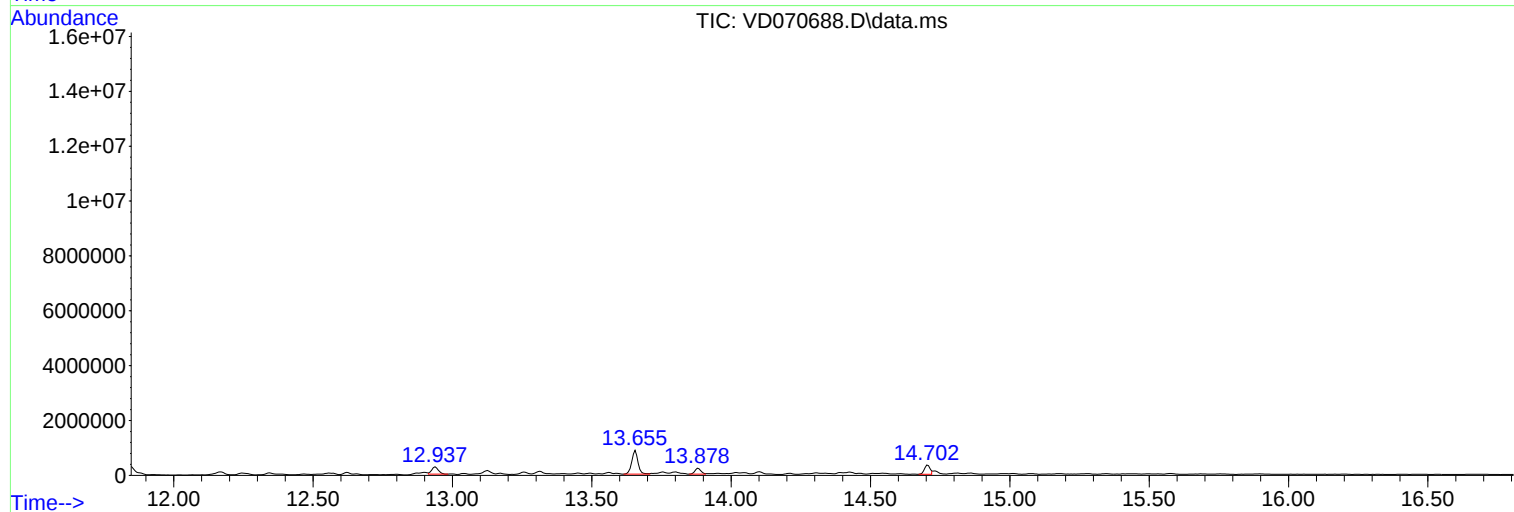
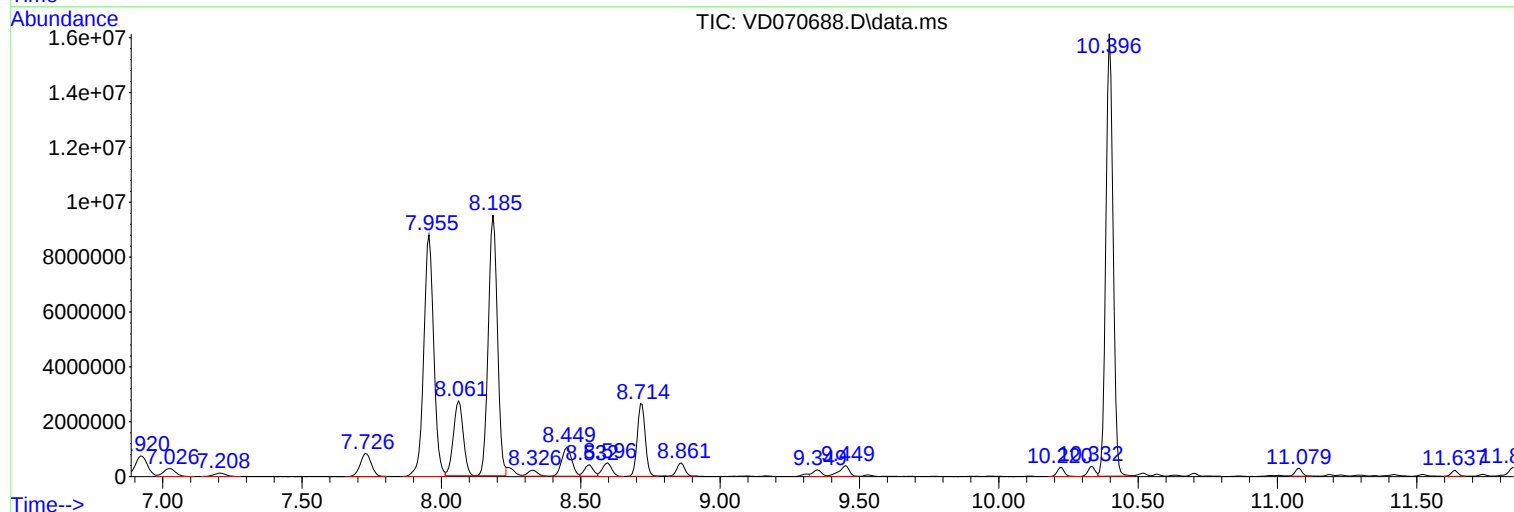
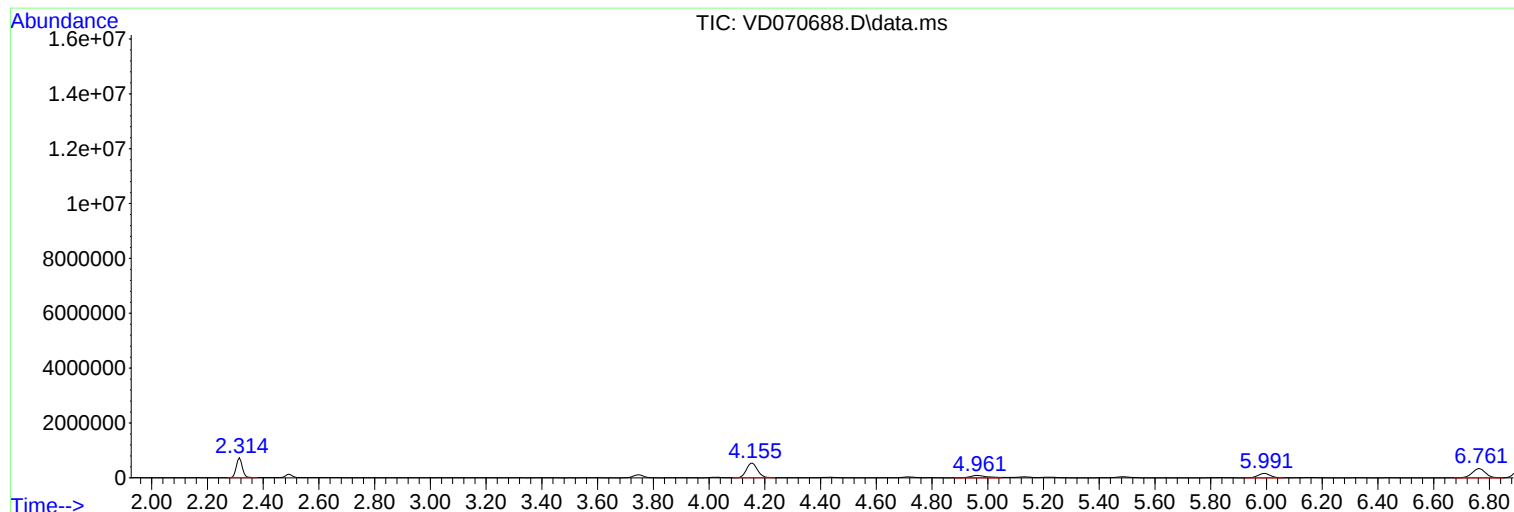
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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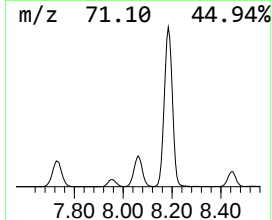
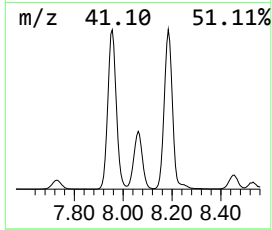
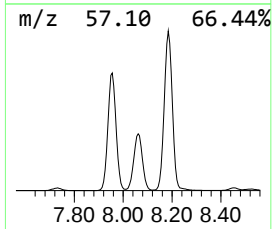
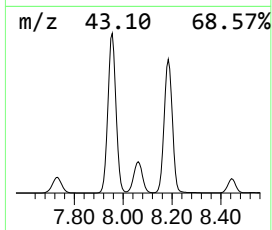
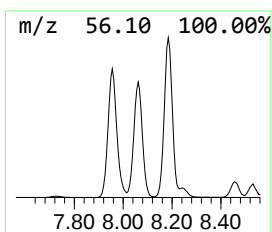
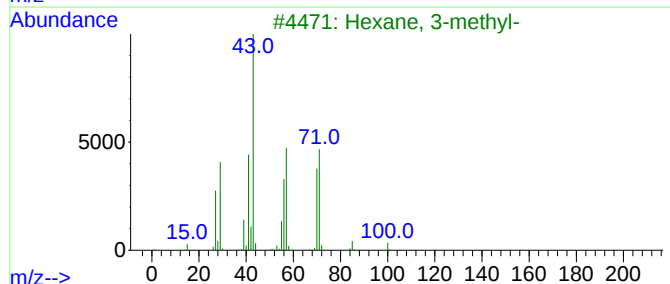
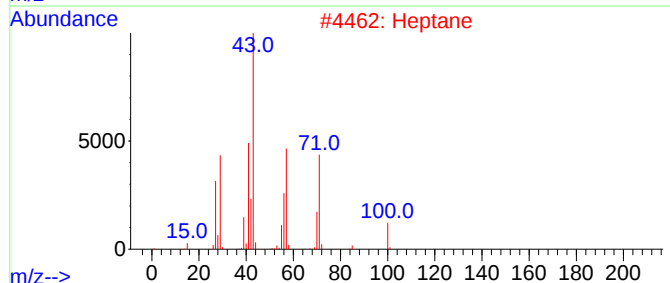
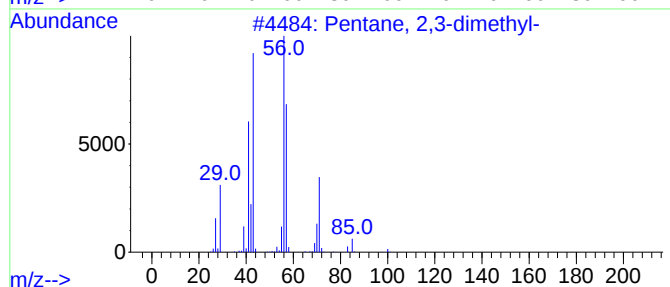
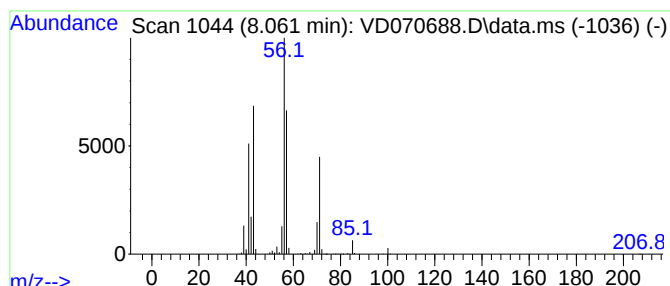
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.061	15.23 ug/l	6679190	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2			Heptane	100	C7H16	000142-82-5	47
3			Hexane, 3-methyl-	100	C7H16	000589-34-4	38
4			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	37
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	35



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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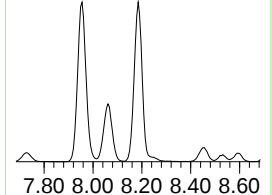
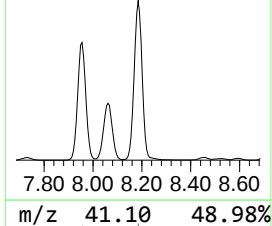
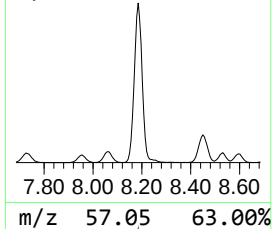
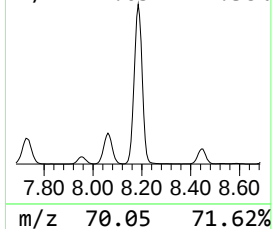
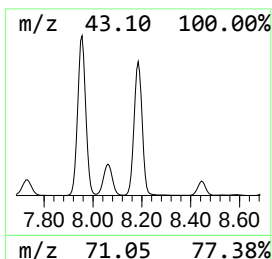
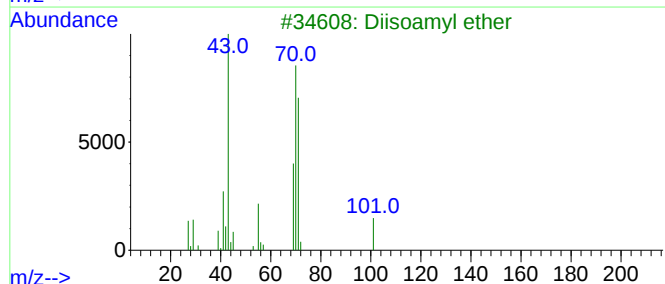
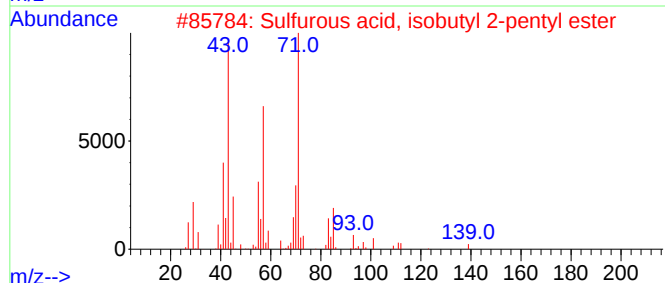
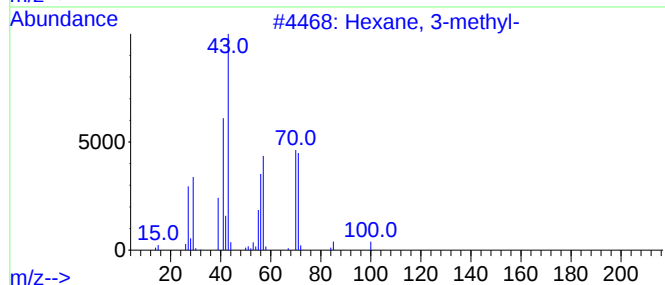
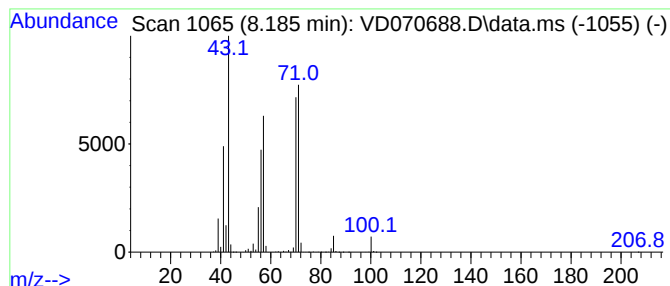
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	49.59 ug/l	21743800	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2			Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	59
3			Diisoamyl ether	158	C10H22O	000544-01-4	59
4			Pentane, 3-ethyl-	100	C7H16	000617-78-7	59
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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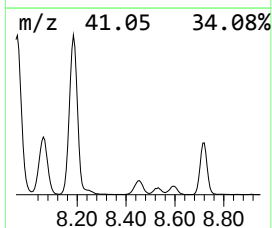
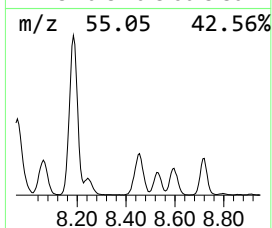
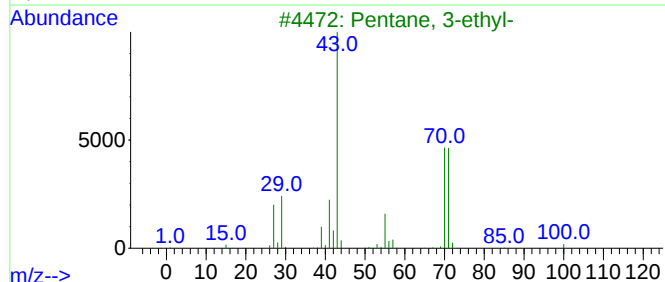
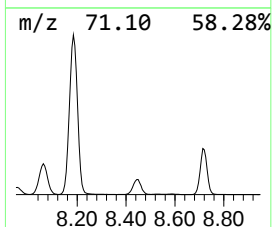
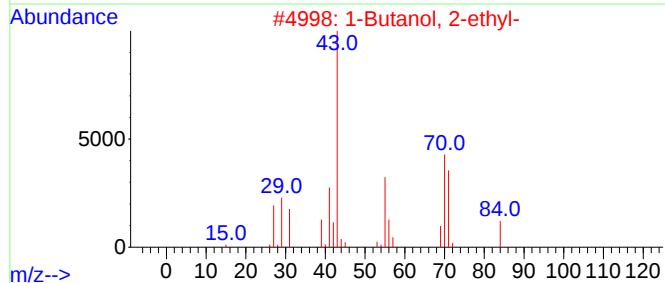
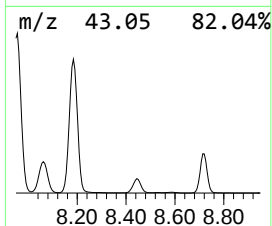
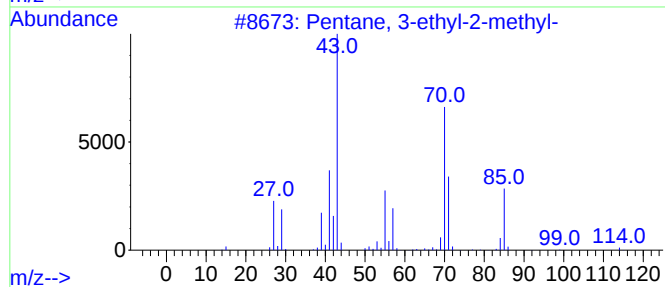
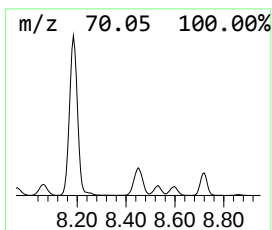
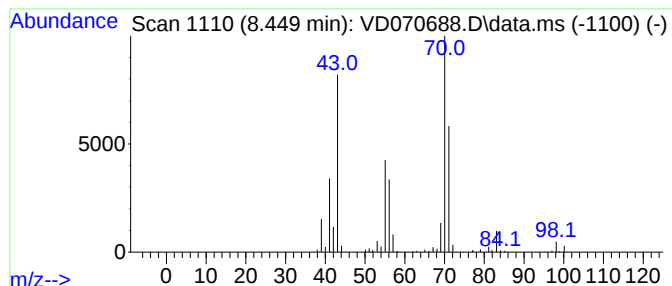
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 3-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.449	140.79 ug/l	2668230	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	56
2			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	46
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	46
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	42



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Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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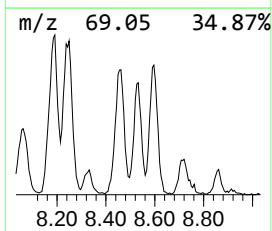
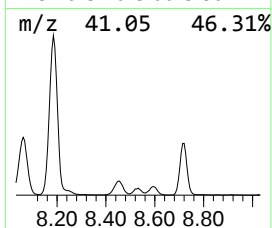
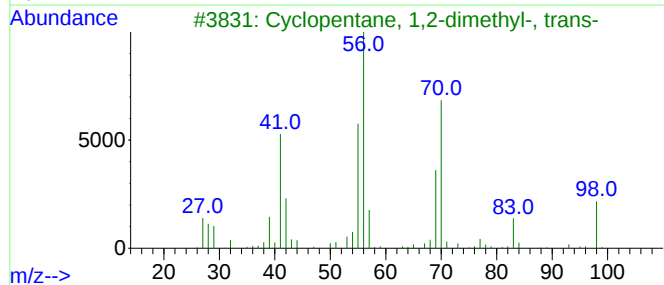
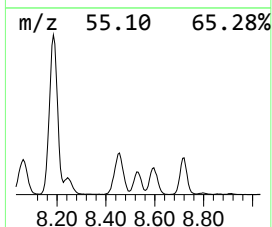
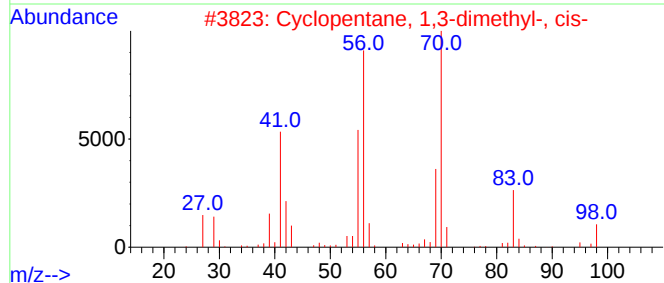
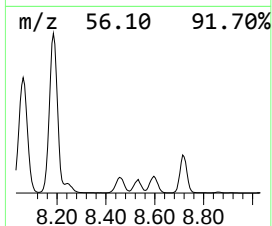
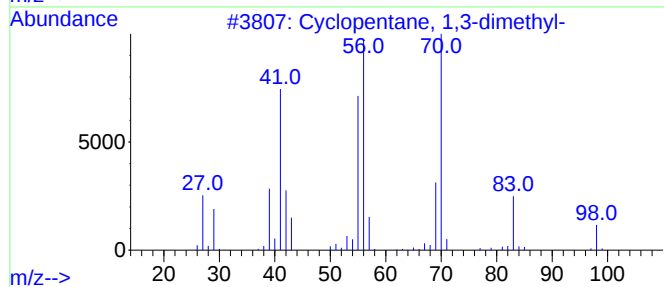
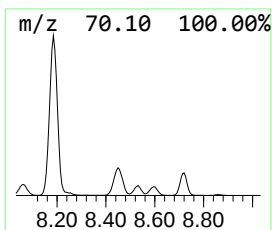
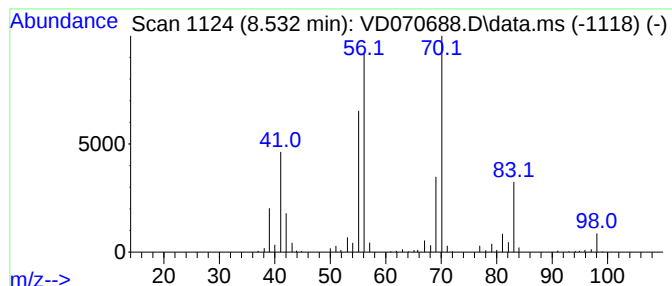
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.532	48.68 ug/l	922509	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
2			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	83
3			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	42
4			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
5			1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38



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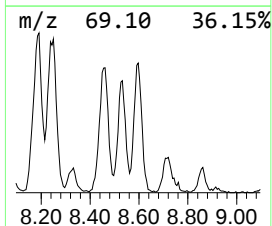
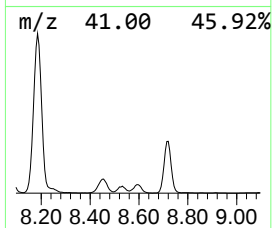
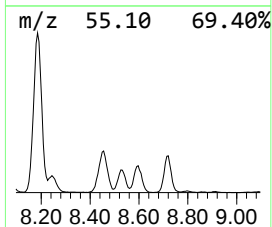
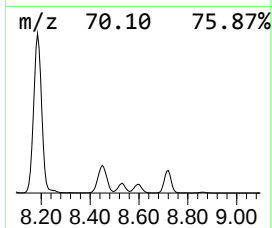
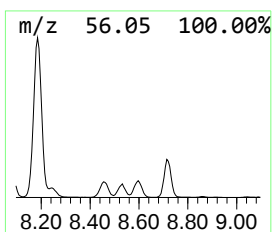
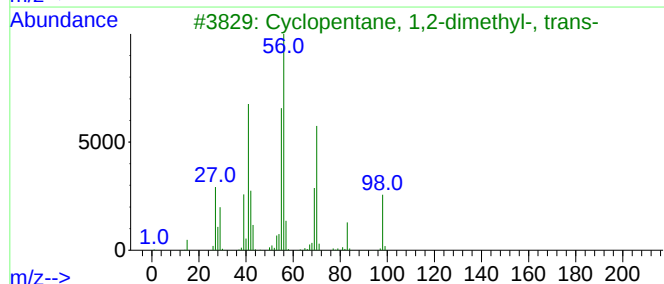
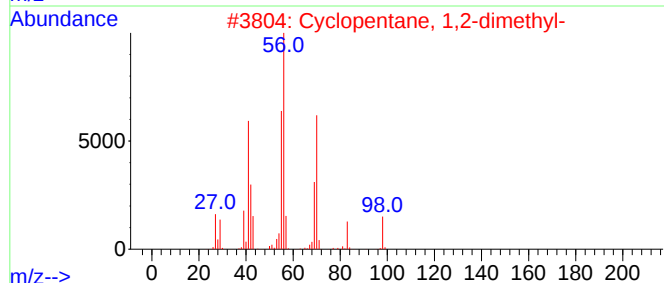
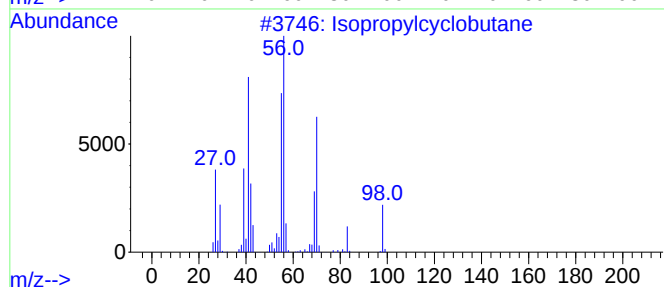
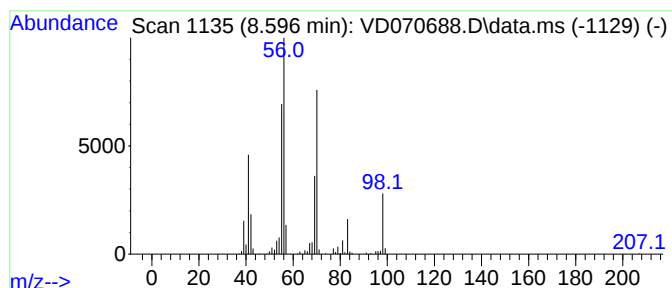
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Isopropylcyclobutane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.596	60.81 ug/l	1152490	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropylcyclobutane	98	C7H14	000872-56-0	94
2			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
3			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	78
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	64



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31123

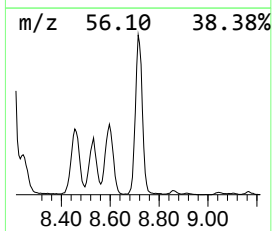
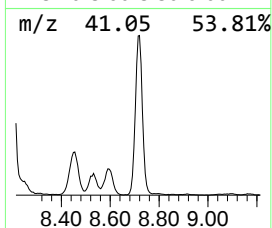
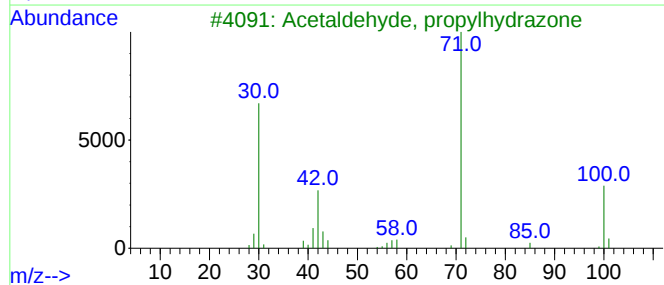
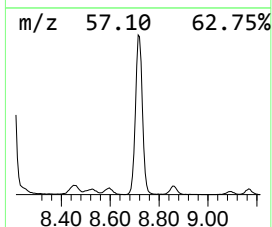
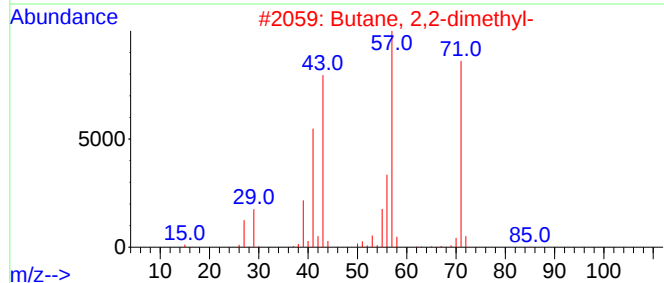
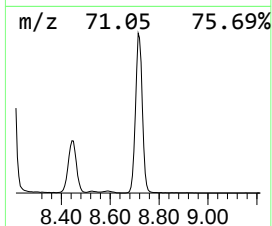
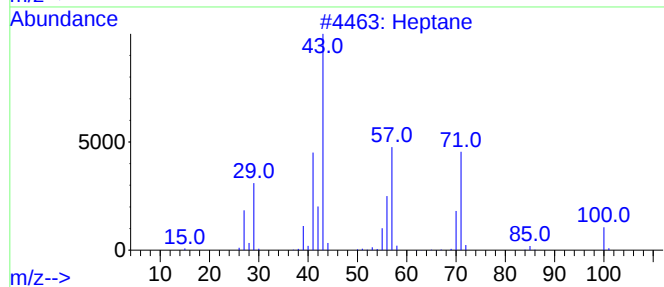
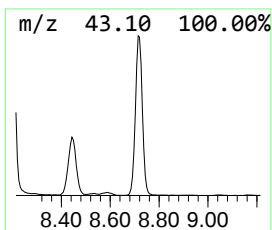
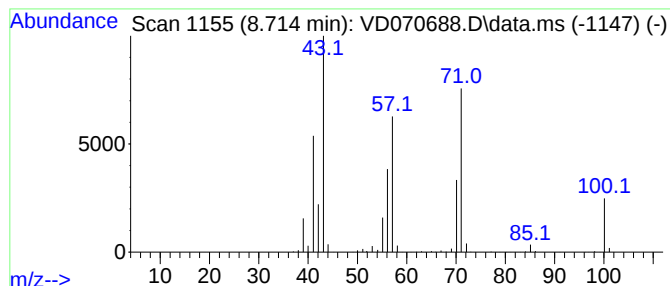
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.714	280.58 ug/l	5317460	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	94
2			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
3			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	49
4			3-Hexanone	100	C6H12O	000589-38-8	49
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070688.D
Acq On : 12 Oct 2021 19:24
Operator : VA/SY
Sample : M4175-03
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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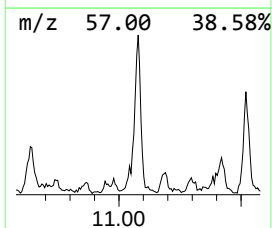
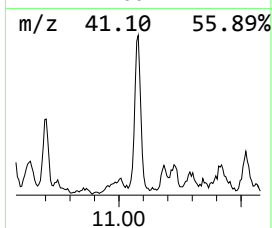
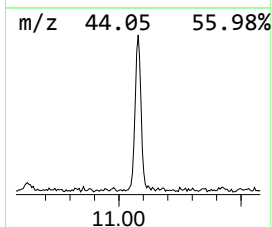
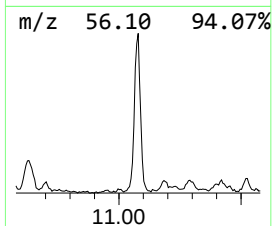
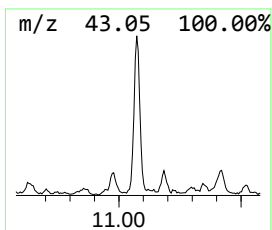
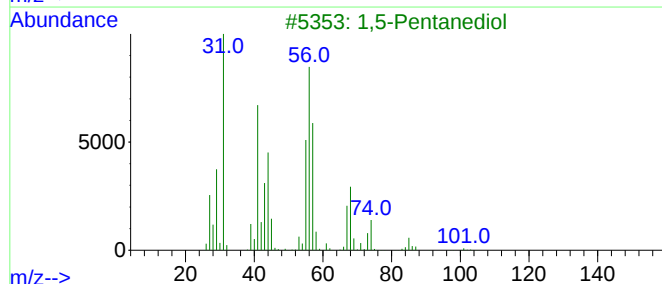
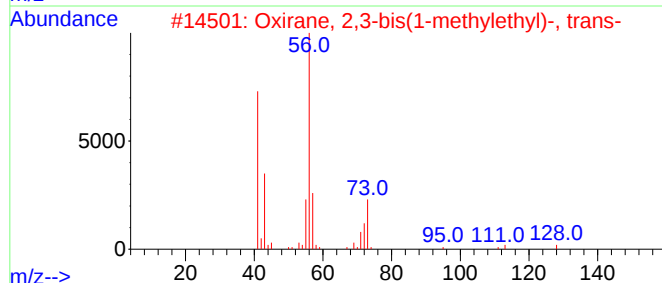
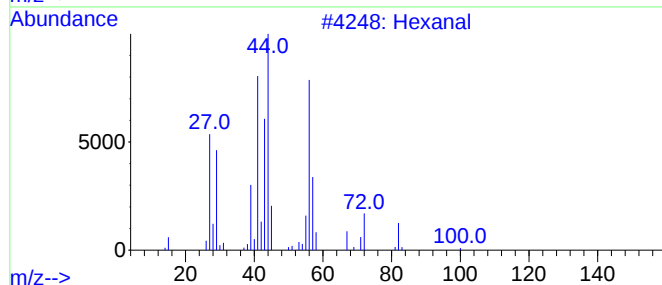
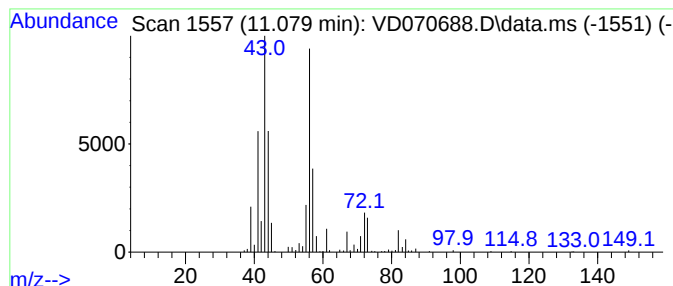
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.079	65.70 ug/l	484743	Chlorobenzene-d5	11.637

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	50
2			Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
3			1,5-Pentanediol	104	C5H12O2	000111-29-5	36
4			1-Hexene, 5-methyl-	98	C7H14	003524-73-0	35
5			1-Aziridineethanol	87	C4H9NO	001072-52-2	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070688.D
Acq On : 12 Oct 2021 19:24
Operator : VA/SY
Sample : M4175-03
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
31123

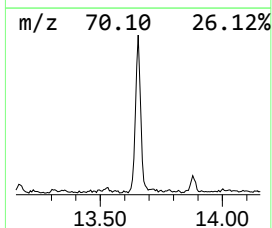
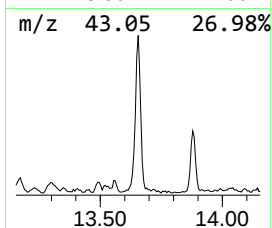
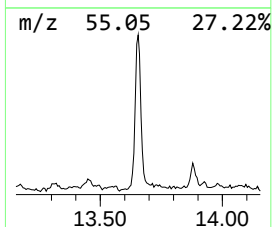
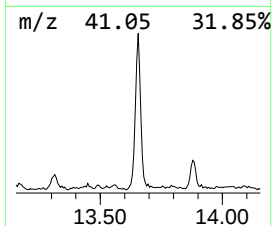
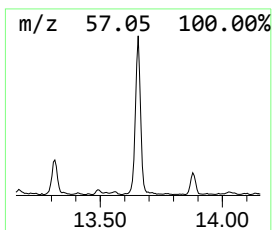
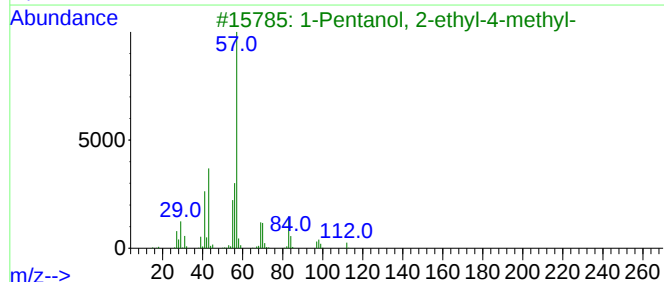
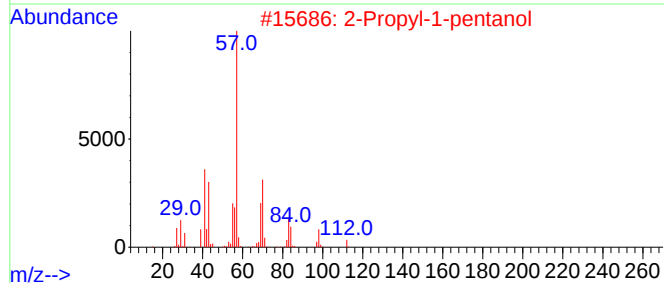
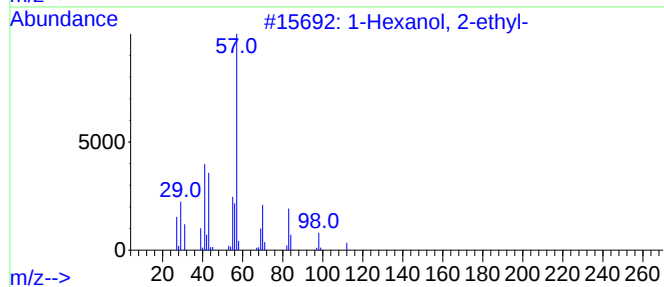
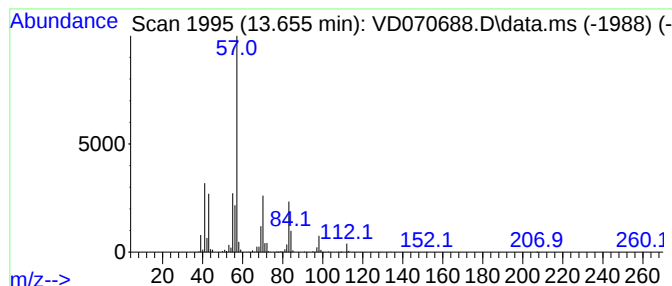
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.655	50.00 ug/l	1353220	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	47
4			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	43
5			Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070688.D
Acq On : 12 Oct 2021 19:24
Operator : VA/SY
Sample : M4175-03
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
31123

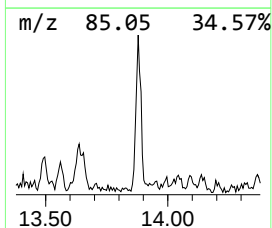
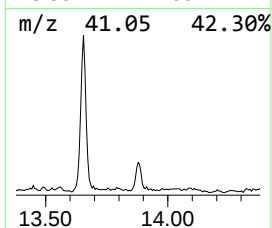
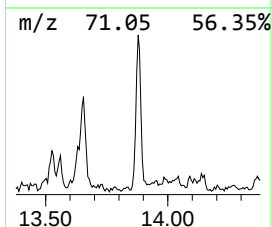
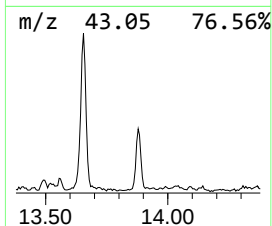
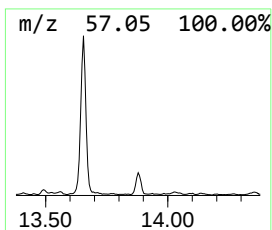
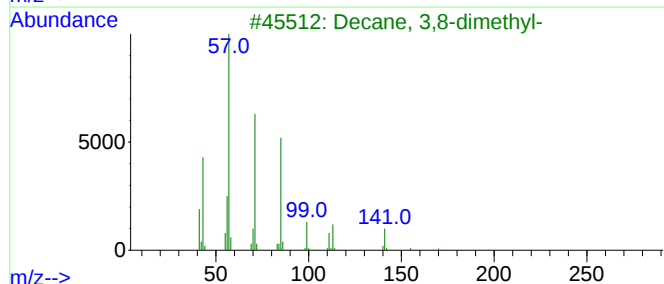
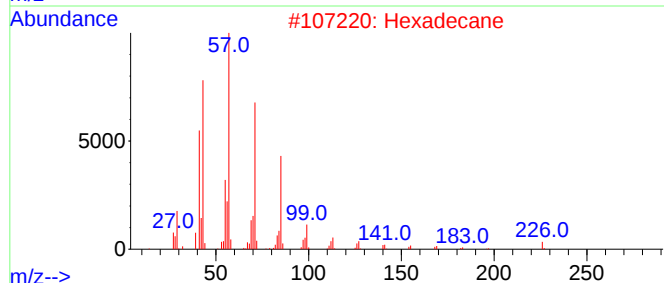
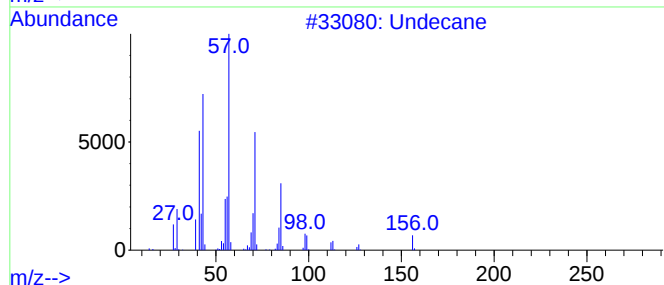
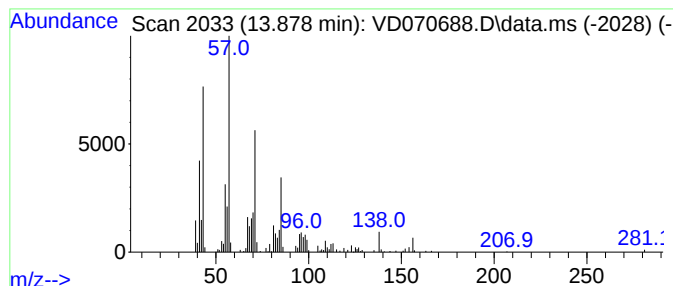
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	12.32 ug/l	333487	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Hexadecane			226	C16H34	000544-76-3	64
3	Decane, 3,8-dimethyl-			170	C12H26	017312-55-9	59
4	Dodecane			170	C12H26	000112-40-3	58
5	Nonane			128	C9H20	000111-84-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070688.D
Acq On : 12 Oct 2021 19:24
Operator : VA/SY
Sample : M4175-03
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
31123

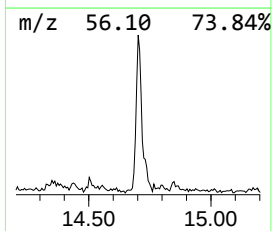
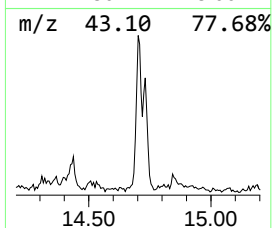
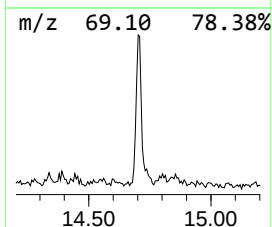
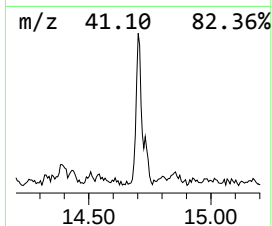
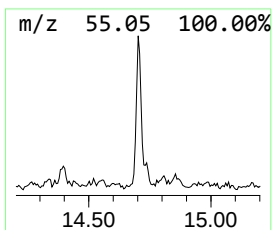
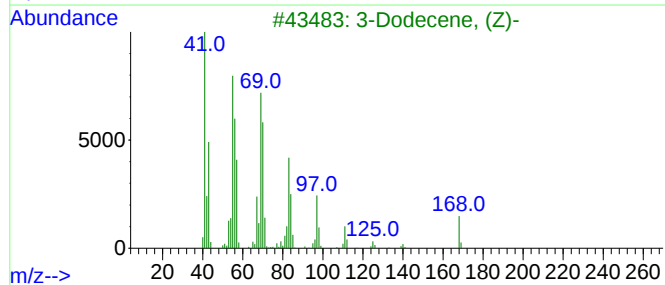
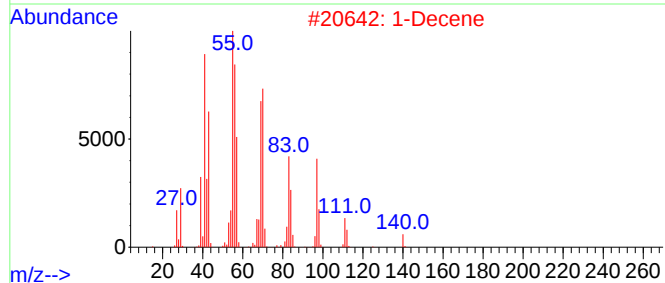
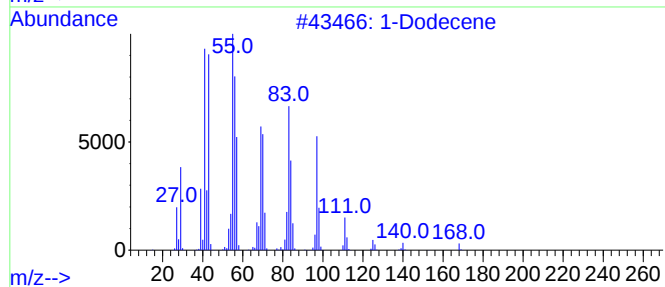
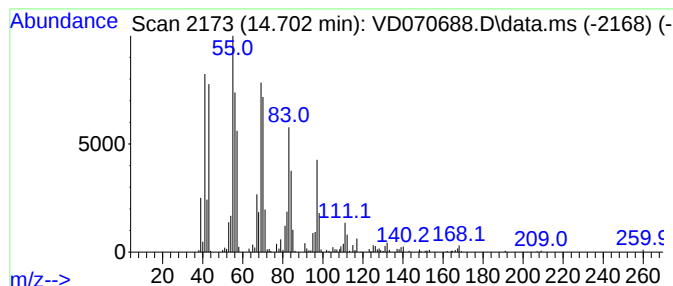
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Dodecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.702	17.81 ug/l	482030	1,4-Dichlorobenzene-d4	13.561

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene		168	C12H24	000112-41-4	96
2	1-Decene		140	C10H20	000872-05-9	96
3	3-Dodecene, (Z)-		168	C12H24	007239-23-8	95
4	2-Dodecene, (E)-		168	C12H24	007206-13-5	94
5	1-Undecanol		172	C11H24O	000112-42-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070688.D
Acq On : 12 Oct 2021 19:24
Operator : VA/SY
Sample : M4175-03
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
31123

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Hexane, 3-methyl-	8.185	49.6	ug/l	21743800	1	7.979	21925600	50.0
Pentane, 3-ethy...	8.449	140.8	ug/l	2668230	2	8.861	947584	50.0
Cyclopentane, 1...	8.532	48.7	ug/l	922509	2	8.861	947584	50.0
Isopropylcyclob...	8.596	60.8	ug/l	1152490	2	8.861	947584	50.0
Heptane	8.714	280.6	ug/l	5317460	2	8.861	947584	50.0
Hexanal	11.079	65.7	ug/l	484743	3	11.637	368896	50.0
1-Hexanol, 2-et...	13.655	50.0	ug/l	1353220	4	13.561	1353220	50.0
Undecane	13.879	12.3	ug/l	333487	4	13.561	1353220	50.0
1-Dodecene	14.702	17.8	ug/l	482030	4	13.561	1353220	50.0