

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067214.D
 Acq On : 09 Oct 2020 16:22
 Operator : VA/SY
 Sample : L4332-01
 Misc : 6.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHELL-L15-L14

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M

Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	506	518	529	rBV3	58366	205891	1.06%	0.428%
2	7.914	1008	1019	1024	rBV	245760	578025	2.99%	1.202%
3	7.979	1024	1030	1041	rVB	447485	1035898	5.36%	2.153%
4	8.350	1081	1093	1103	rBV3	504461	1335407	6.90%	2.776%
5	8.867	1171	1181	1193	rBV	611230	1269259	6.56%	2.639%
6	10.338	1423	1431	1448	rBV	923908	1766040	9.13%	3.671%
7	11.649	1645	1654	1666	rBV	809566	1479114	7.65%	3.075%
8	12.485	1789	1796	1802	rBV	914940	1512100	7.82%	3.143%
9	12.638	1816	1822	1830	rBV	670949	1083563	5.60%	2.253%
10	12.826	1846	1854	1859	rVB2	138428	314444	1.63%	0.654%
11	12.961	1872	1877	1885	rVB4	160416	327634	1.69%	0.681%
12	13.126	1898	1905	1912	rBV	230232	435777	2.25%	0.906%
13	13.273	1926	1930	1935	rBV	183884	280568	1.45%	0.583%
14	13.473	1958	1964	1968	rBV7	128311	232658	1.20%	0.484%
15	13.585	1978	1983	1992	rVB2	734746	1385644	7.16%	2.881%
16	13.785	2002	2017	2027	rBV	11202006	19342654	100.00%	40.211%
17	13.908	2032	2038	2042	rBV4	250116	469263	2.43%	0.976%
18	14.061	2058	2064	2069	rVB5	147153	340170	1.76%	0.707%
19	14.126	2070	2075	2079	rBV	496104	772020	3.99%	1.605%
20	14.237	2087	2094	2098	rBV	727218	1319189	6.82%	2.742%
21	14.290	2099	2103	2110	rVB6	294307	562668	2.91%	1.170%
22	14.379	2110	2118	2120	rBV6	354972	757179	3.91%	1.574%
23	14.420	2121	2125	2128	rBV3	302669	510668	2.64%	1.062%
24	14.537	2140	2145	2149	rBV4	304338	728570	3.77%	1.515%
25	14.720	2172	2176	2181	rVB	490029	777843	4.02%	1.617%
26	14.837	2190	2196	2200	rBV5	998319	2093852	10.83%	4.353%
27	14.885	2200	2204	2211	rVB3	1113510	2117492	10.95%	4.402%
28	15.102	2236	2241	2246	rBV3	801198	1431056	7.40%	2.975%
29	15.173	2249	2253	2255	rBV3	313115	510774	2.64%	1.062%
30	15.379	2285	2288	2296	rVB2	583612	1011173	5.23%	2.102%
31	16.708	2510	2514	2527	rVB4	787961	2116516	10.94%	4.400%

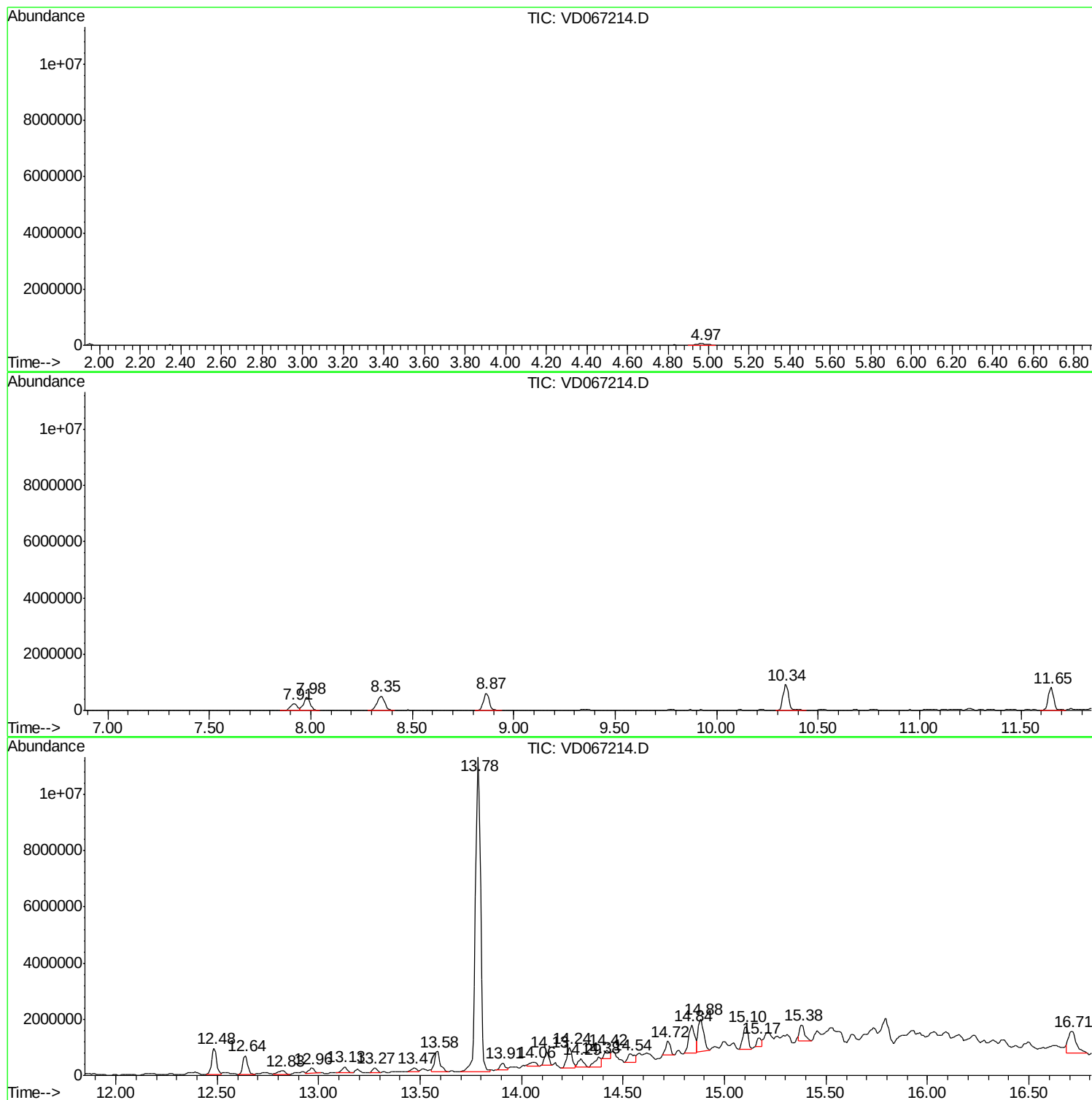
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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



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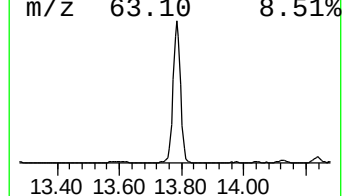
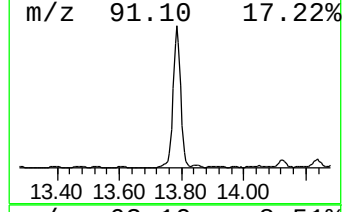
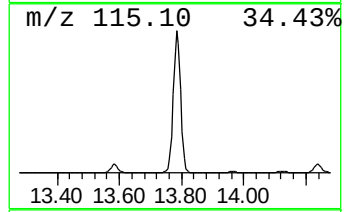
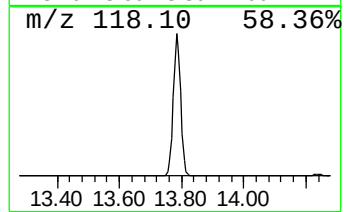
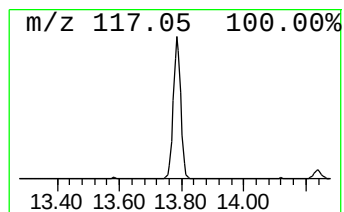
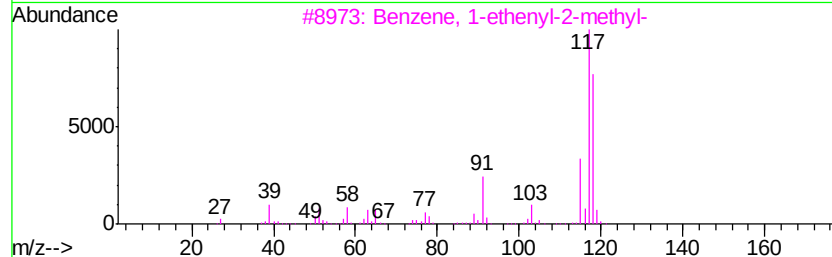
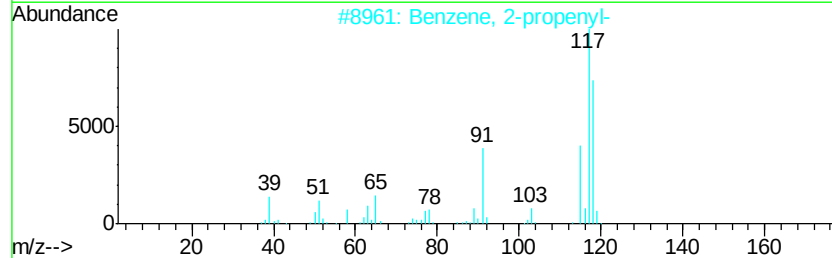
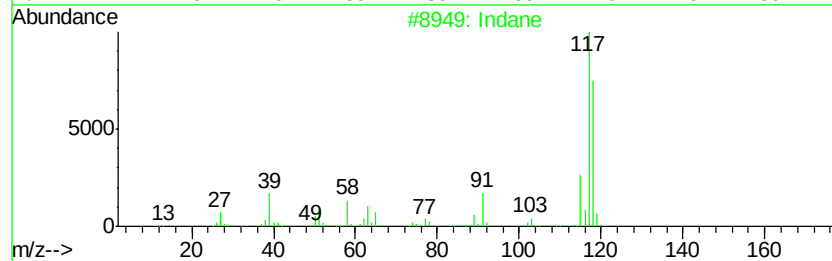
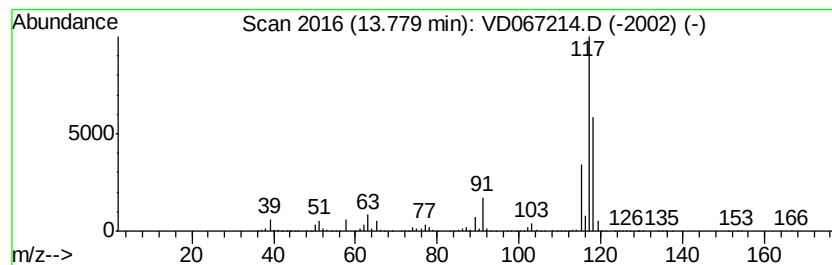
Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	697.97 ug/l	19342700	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 91
2	Benzene, 2-propenyl-		118 C9H10	000300-57-2 74
3	Benzene, 1-ethenyl-2-methyl-		118 C9H10	000611-15-4 72
4	Benzene, cyclopropyl-		118 C9H10	000873-49-4 64
5	7-Methylenecycloocta-1,3,5-triene		118 C9H10	002570-13-0 59



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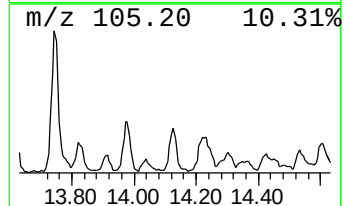
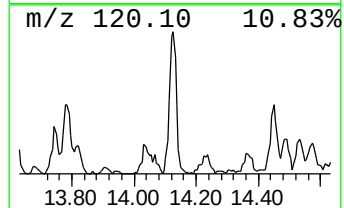
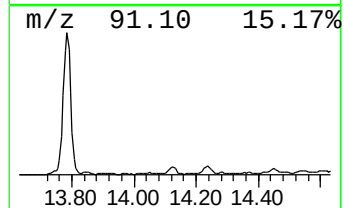
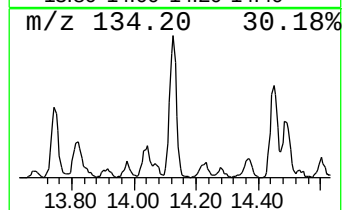
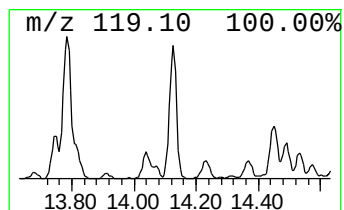
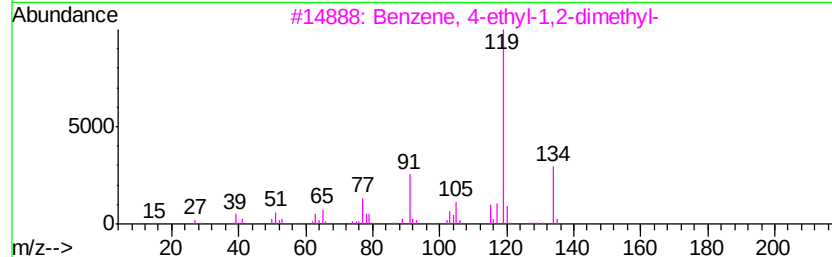
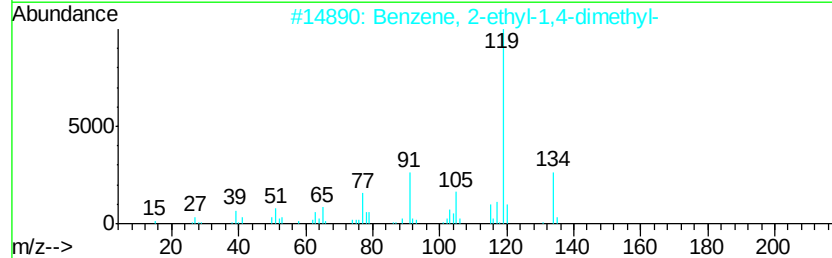
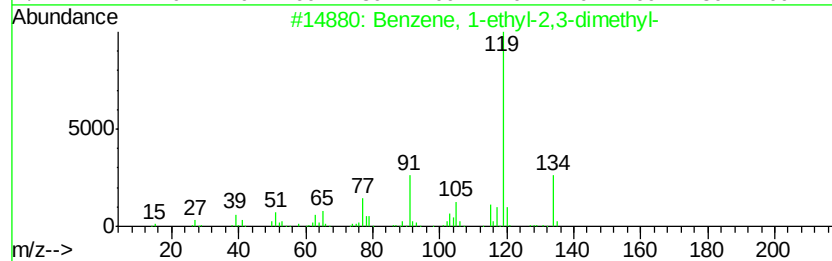
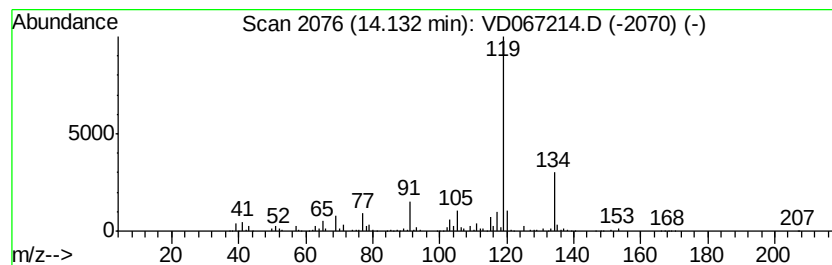
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	27.86 ug/l	772020	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		o-Cymene	134	C10H14	000527-84-4	94



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Instrument :
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ClientSampleId :
SHELL-L15-L14

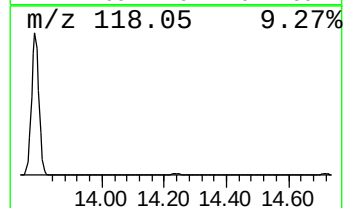
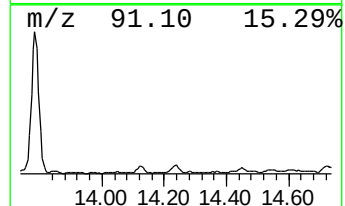
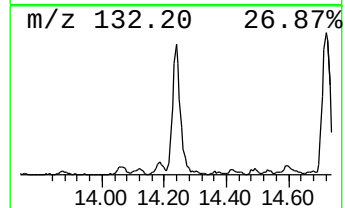
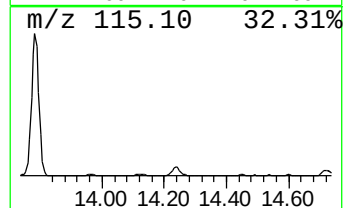
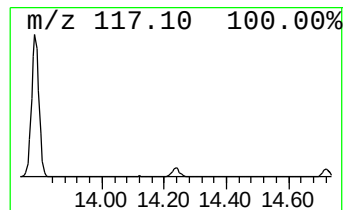
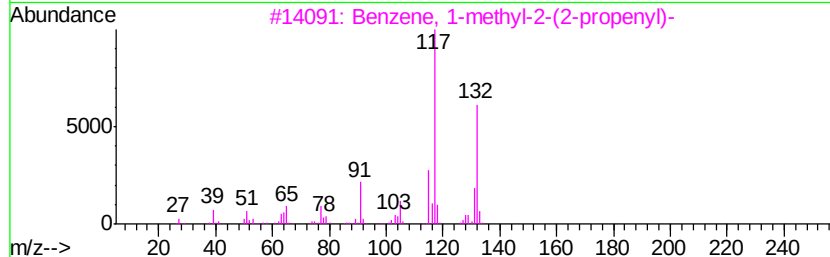
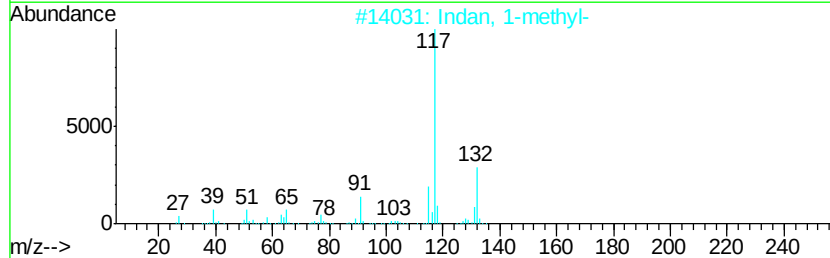
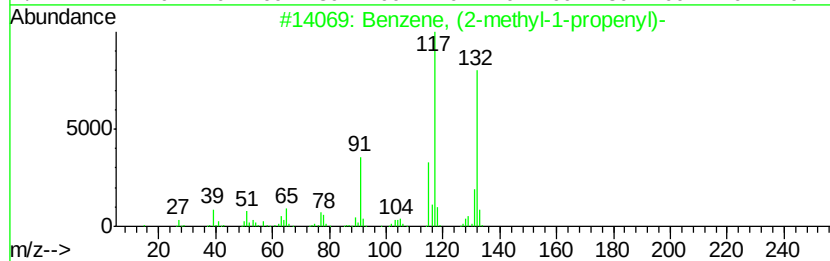
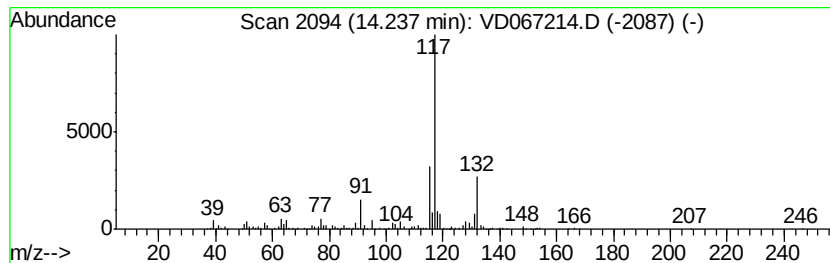
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, (2-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	47.60 ug/l	1319190	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
2		Indan, 1-methyl-	132	C10H12	000767-58-8	87
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	80
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	72



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Misc : 6.15G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

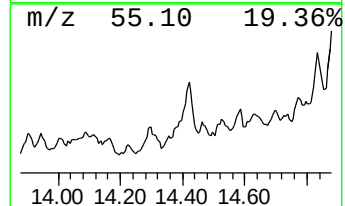
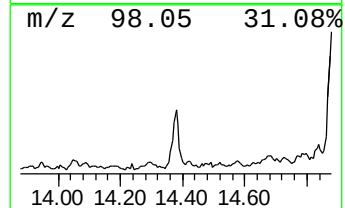
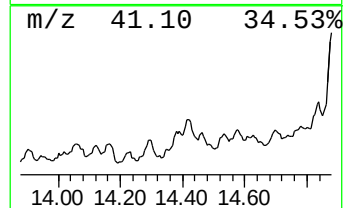
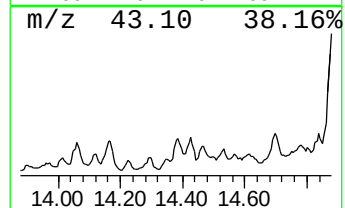
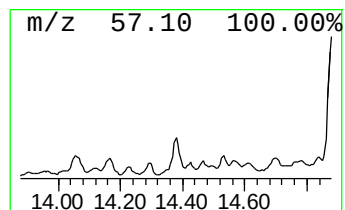
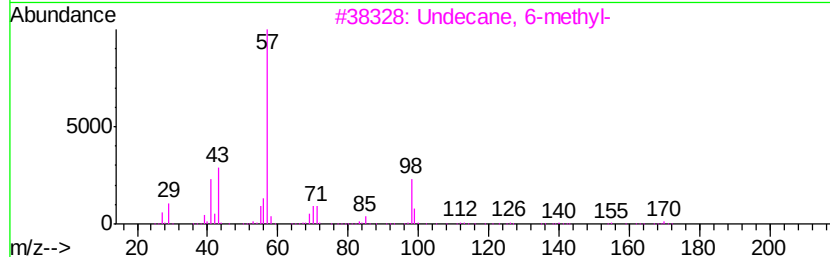
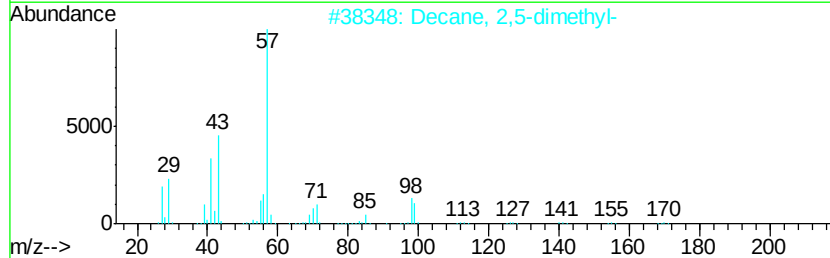
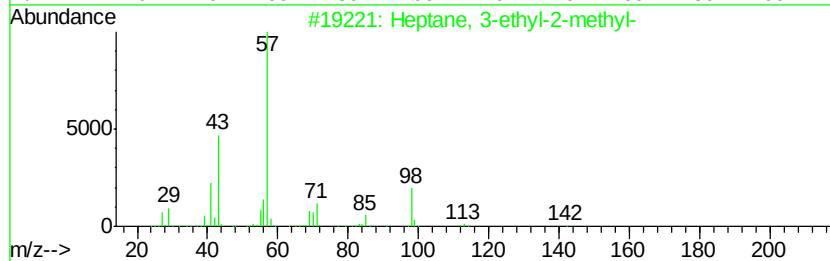
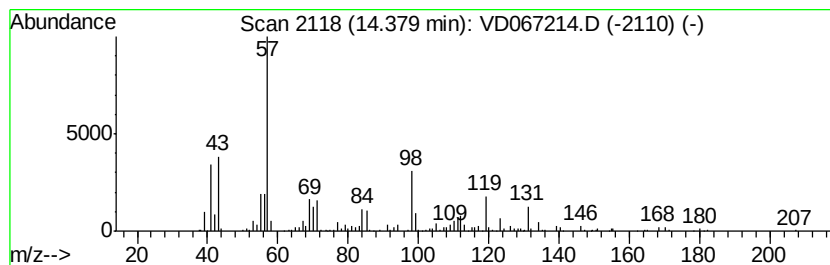
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Peak Number 4 Heptane, 3-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	27.32 ug/l	757179	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptane, 3-ethyl-2-methyl-	142 C10H22	014676-29-0	50
2	Decane, 2,5-dimethyl-	170 C12H26	017312-50-4	50
3	Undecane, 6-methyl-	170 C12H26	017302-33-9	49
4	Octane, 4,5-dipropyl-	198 C14H30	020905-05-9	38
5	Heptane, 3-ethyl-	128 C9H20	015869-80-4	38



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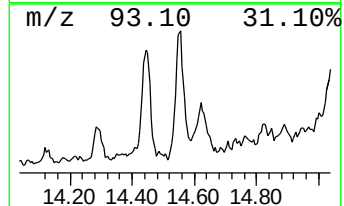
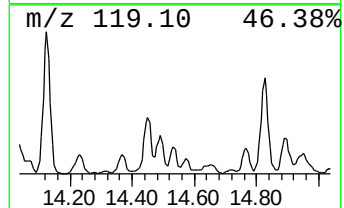
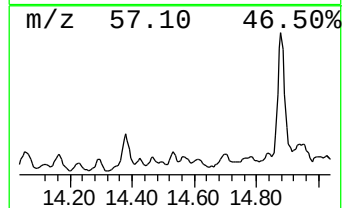
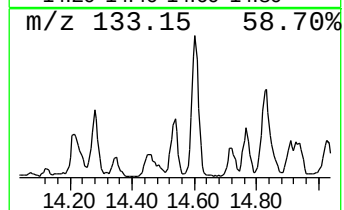
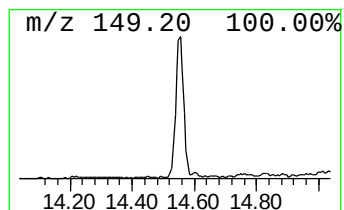
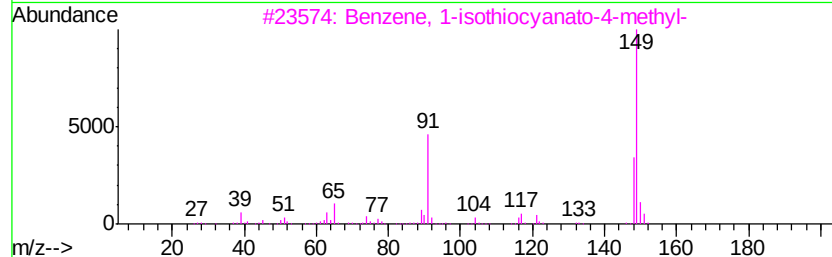
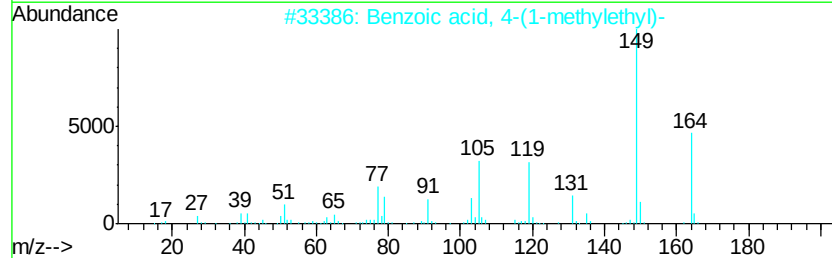
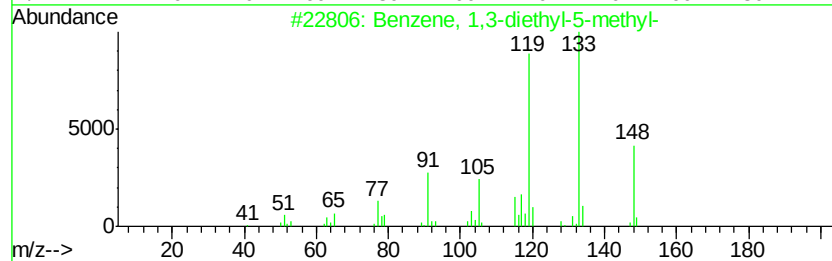
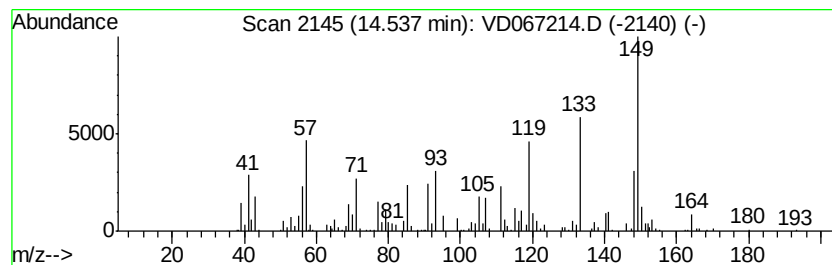
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Quant Title : SW846 8260

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

Peak Number 5 unknown14.54 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	26.29 ug/l	728570	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	42
2		Benzoic acid, 4-(1-methylethyl)-	164	C10H12O2	000536-66-3	38
3		Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	38
4		m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	30
5		1,2-Benzisothiazole, 3-methyl-	149	C8H7NS	006187-89-9	30



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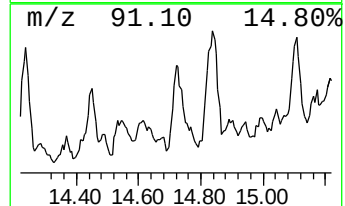
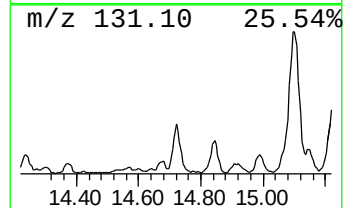
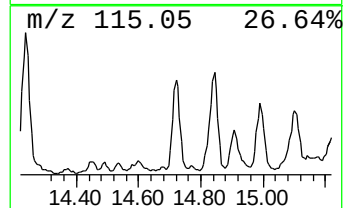
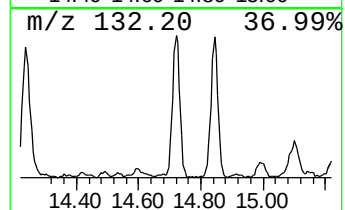
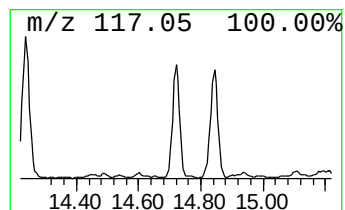
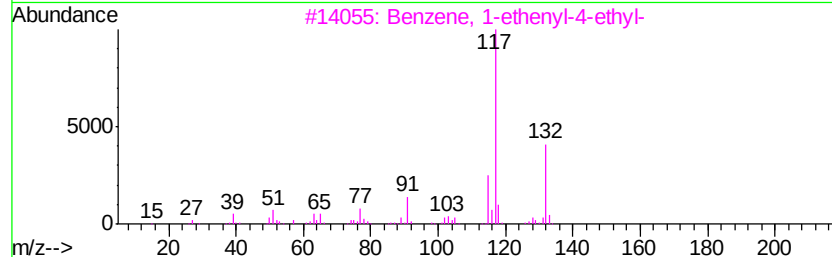
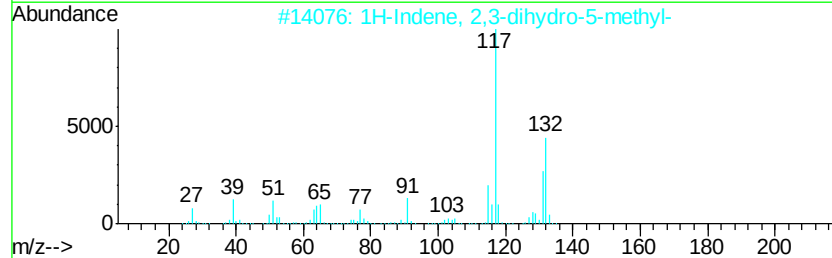
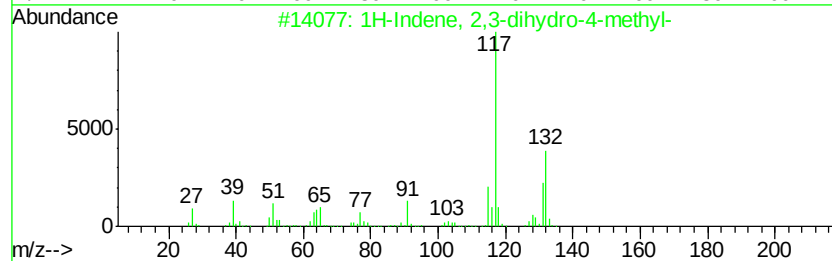
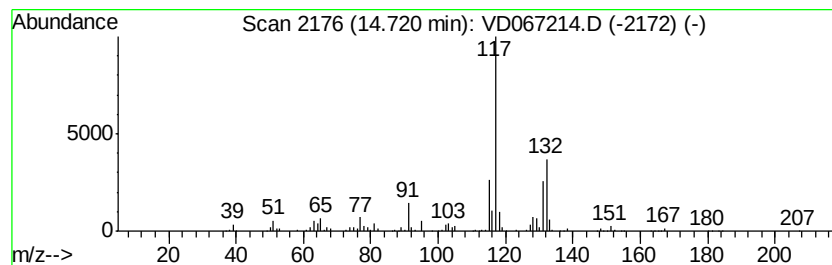
Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.72	28.07 ug/l	777843	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100920\
Data File : VD067214.D
Acq On : 09 Oct 2020 16:22
Operator : VA/SY
Sample : L4332-01
Misc : 6.15G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14

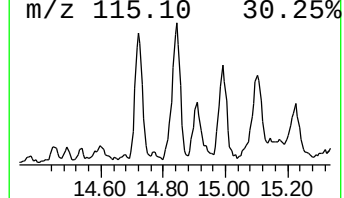
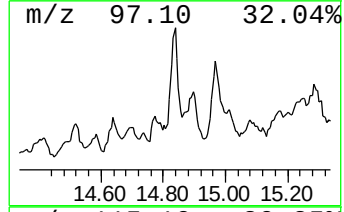
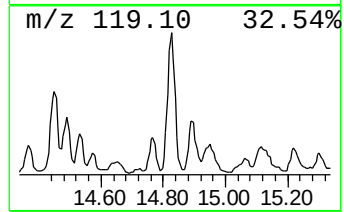
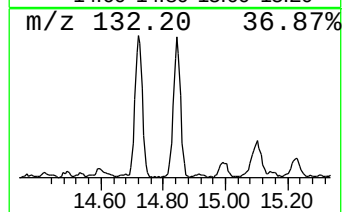
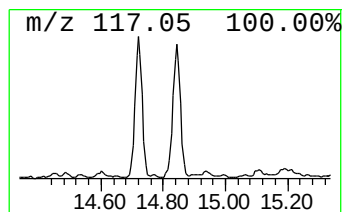
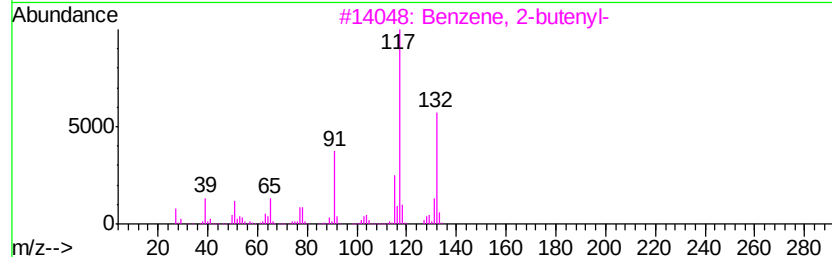
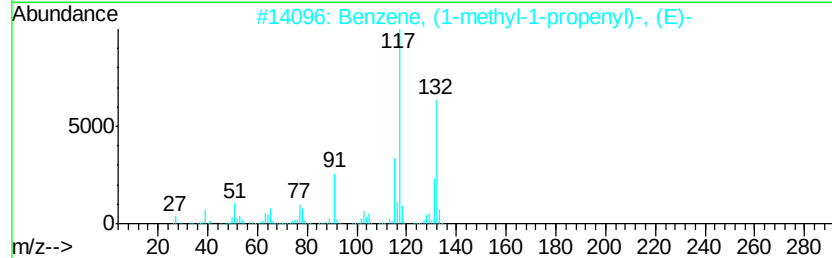
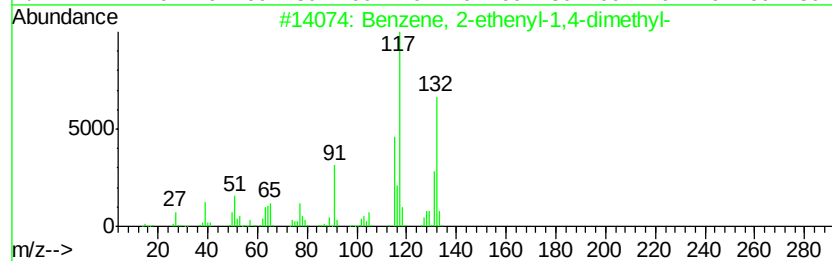
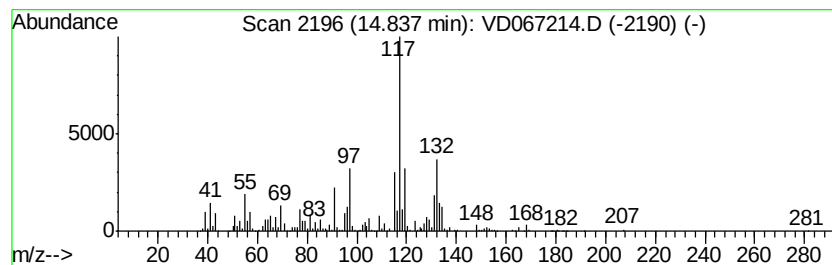
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	75.56 ug/l	2093850	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	70
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100920\
Data File : VD067214.D
Acq On : 09 Oct 2020 16:22
Operator : VA/SY
Sample : L4332-01
Misc : 6.15G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

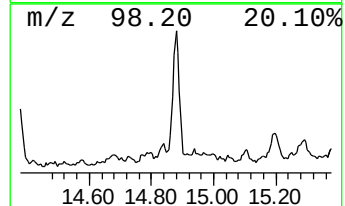
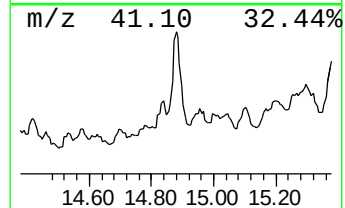
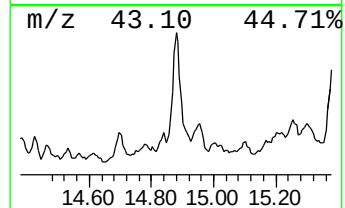
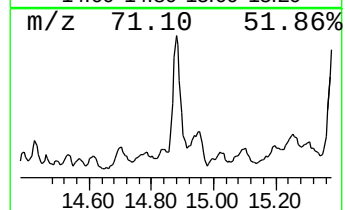
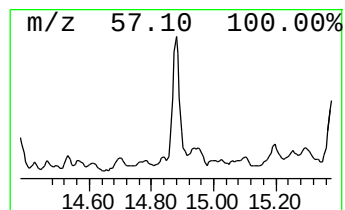
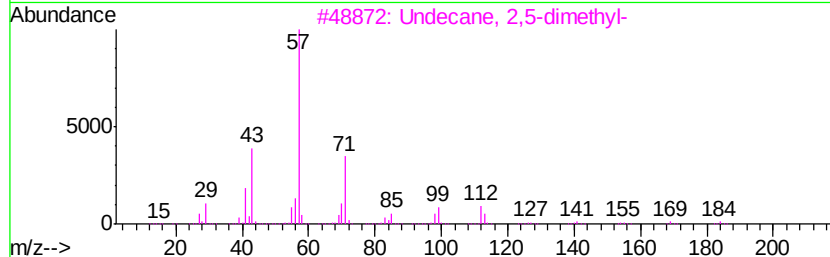
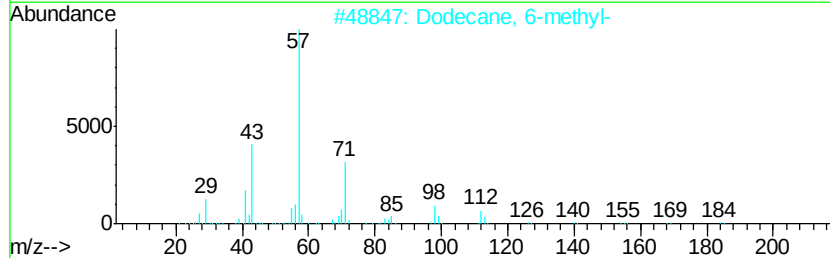
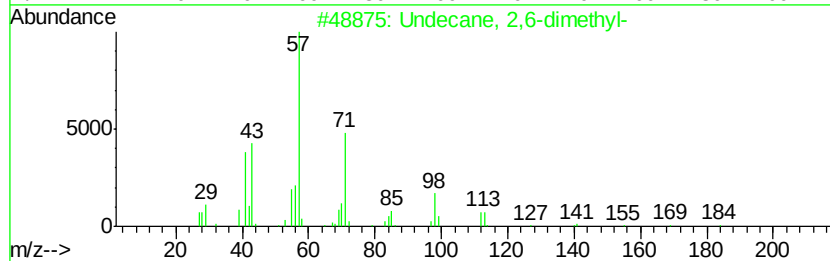
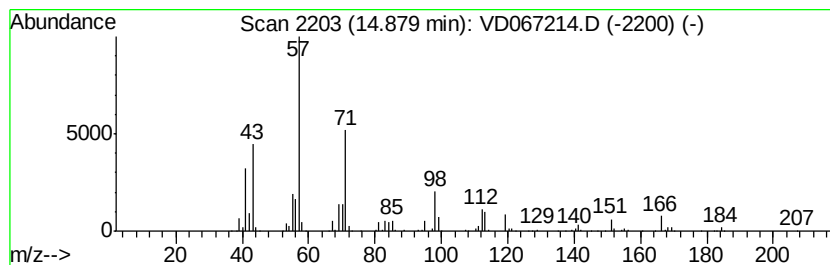
Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	76.41 ug/l	2117490	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	58
2	Dodecane, 6-methyl-	184 C13H28	006044-71-9	50
3	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	46
4	Nonane, 3-methyl-	142 C10H22	005911-04-6	38
5	Octane, 3,5-dimethyl-	142 C10H22	015869-93-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100920\
Data File : VD067214.D
Acq On : 09 Oct 2020 16:22
Operator : VA/SY
Sample : L4332-01
Misc : 6.15G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14

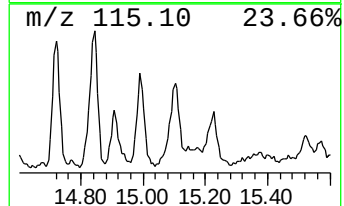
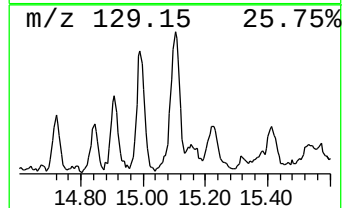
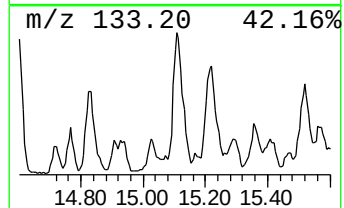
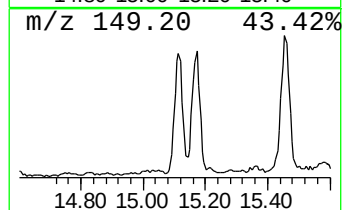
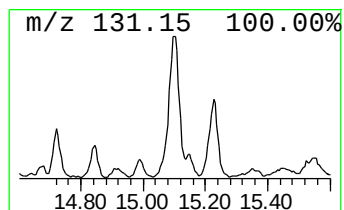
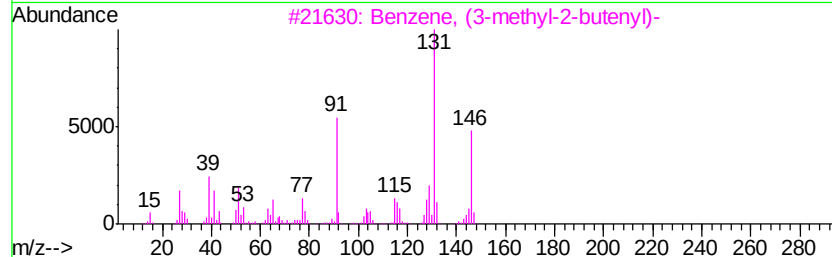
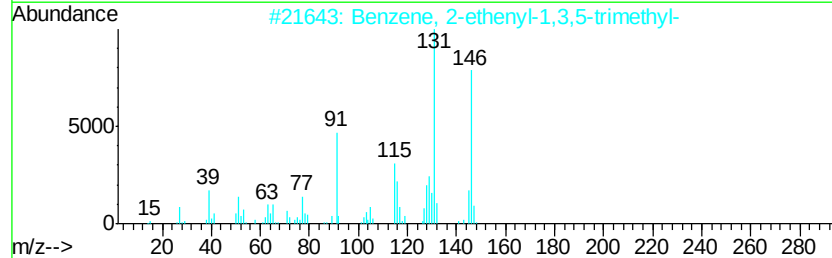
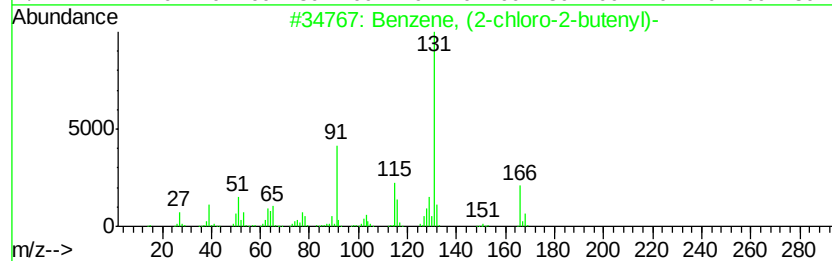
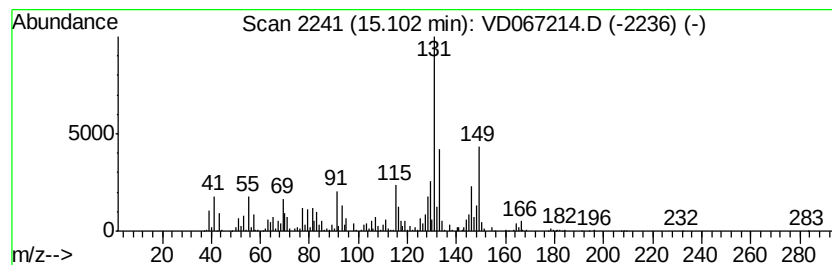
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, (2-chloro-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	51.64 ug/l	1431060	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	86
2		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
5		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100920\
Data File : VD067214.D
Acq On : 09 Oct 2020 16:22
Operator : VA/SY
Sample : L4332-01
Misc : 6.15G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHELL-L15-L14

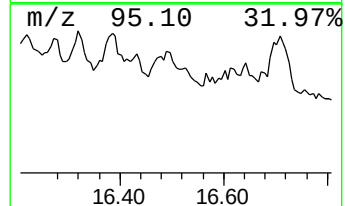
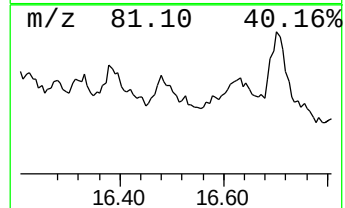
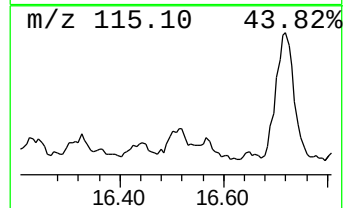
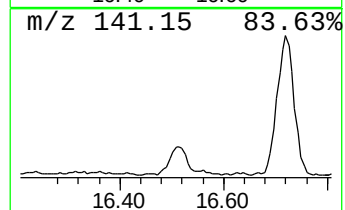
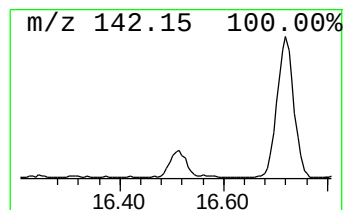
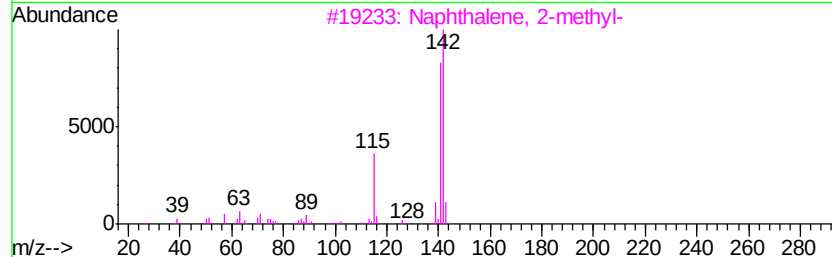
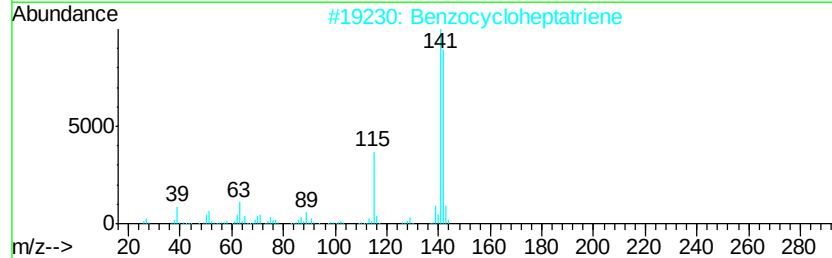
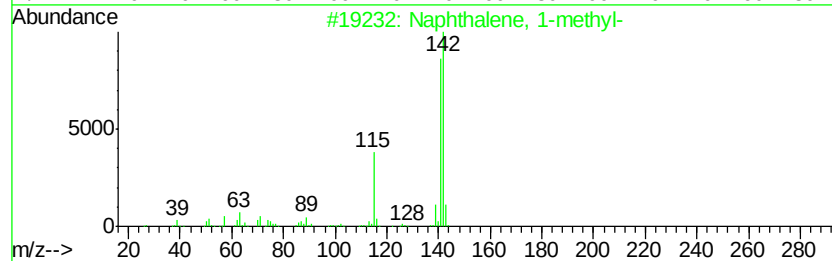
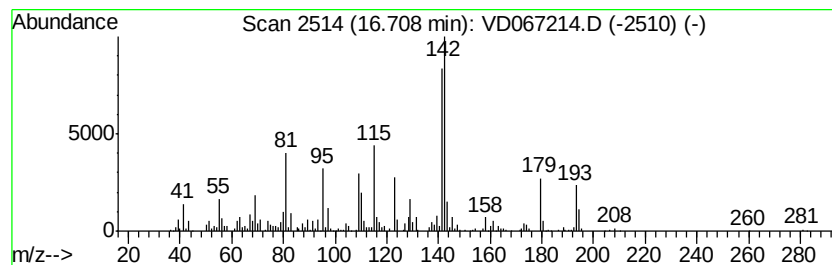
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	76.37 ug/l	2116520	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	60
2		Benzocycloheptatriene	142	C11H10	000264-09-5	60
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	55
4		3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	38
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100920\
 Data File : VD067214.D
 Acq On : 09 Oct 2020 16:22
 Operator : VA/SY
 Sample : L4332-01
 Misc : 6.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHELL-L15-L14

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.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
Indane	13.78	698.0	ug/l	19342700	4	13.58	1385640	50.0
Benzene, 1-ethyl-...	14.13	27.9	ug/l	772020	4	13.58	1385640	50.0
Benzene, (2-methy...	14.24	47.6	ug/l	1319190	4	13.58	1385640	50.0
Heptane, 3-ethyl-...	14.38	27.3	ug/l	757179	4	13.58	1385640	50.0
unknown14.54	14.54	26.3	ug/l	728570	4	13.58	1385640	50.0
1H-Indene, 2,3-di...	14.72	28.1	ug/l	777843	4	13.58	1385640	50.0
Benzene, 2-etheny...	14.84	75.6	ug/l	2093850	4	13.58	1385640	50.0
Undecane, 2,6-dim...	14.88	76.4	ug/l	2117490	4	13.58	1385640	50.0
Benzene, (2-chlor...	15.10	51.6	ug/l	1431060	4	13.58	1385640	50.0
Naphthalene, 1-me...	16.71	76.4	ug/l	2116520	4	13.58	1385640	50.0